

BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company, and The Toledo Edison Company for Approval of a New Rider and Revision of an Existing Rider. Case No. 10-176-EL-ATA

NOTICE OF FILING DEPOSITIONS

Pursuant to Rule 4901-1-21(N), Ohio Administrative Code, Ohio Edison Company, The Cleveland Electric Illuminating Company and The Toledo Edison Company hereby provide notice that they are filing with the Commission, concurrently with this Notice, the transcripts of the depositions of Stacia Harper (deposition taken on January 25, 2011) and Susan Steigerwald, Volume II (deposition taken on February 3, 2011).

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Technician Date Processed 2/7///

Dated: February 4, 2011

Respectfully submitted,

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CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing Notice of Filing Depositions was delivered to

the following persons by e-mail this 4th day of February, 2011:

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BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application)
of Ohio Edison Company, The)Case No.
Cleveland Electric Illuminating)10-176-EL-ATA
Company and The Toledo Edison)
Company for Approval of a New)
Rider and Revision of an Existing)
Rider)

Deposition of

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STACIA HARPER

January 25, 2011 1:39 p.m.

Taken at:

Jones Day

325 John H. McConnell Boulevard, Suite 600 Columbus, Ohio

Buster Beck, RPR

| Page 2                                                                         | Page 4                                                                      |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1 APPEARANCES:                                                                 | 1 TRANSCRIPT INDEX                                                          |
| 2                                                                              | 2                                                                           |
| 3 On behalf of Applicants Ohio Edison 4 Company, The Cleveland Electric        | 3 APPEARANCES 2                                                             |
| 4 Company, The Cleveland Electric 5 Illuminating Company and The Toledo Edison | 4<br>  5 INDEX OF EXHIBITS 5                                                |
| 6 Company:                                                                     | 6                                                                           |
| 7 Jones Day, by                                                                | 7 EXAMINATION OF STACIA HARPER                                              |
| 8 GRANT W. GARBER, ESQ.                                                        | 8 BY MR. GARBER 6                                                           |
| 9 325 John H. McConnell Boulevard                                              | 9                                                                           |
| 10 Suite 600                                                                   | 10 REPORTER'S CERTIFICATE 97                                                |
| 11 Columbus, OH 43215<br>12 (614) 469-3939                                     | 11<br>12 EXHIBIT CUSTODY                                                    |
| 13 gwgarber@jonesday.com                                                       | 13 EXHIBIT COSTOD 1  13 EXHIBITS RETAINED BY THE COURT REPORTER             |
| 14                                                                             | 14                                                                          |
| On behalf of Ohio Partners for Affordable                                      | 15                                                                          |
| 16 Energy:                                                                     | 16                                                                          |
| 17 Ohio Partners for Affordable                                                | 17                                                                          |
| 18 Energy, by                                                                  | 18<br>19                                                                    |
| 19 COLLEEN L. MOONEY, ESQ.<br>20 231 West Lima Street                          | 20                                                                          |
| 21 Findlay, OH 45839                                                           | 21                                                                          |
| 22 (419) 425-8860                                                              | 22                                                                          |
| 23 cmooney2@columbus.rr.com                                                    | 23                                                                          |
| 24                                                                             | 24                                                                          |
| 25                                                                             | 25                                                                          |
| Page 3                                                                         | Page 5                                                                      |
| 1 APPEARANCES, Continued:                                                      | 1 INDEX OF EXHIBITS                                                         |
| 2                                                                              | 2 NUMBER DESCRIPTION MARKED 3 Exhibit A A 13-page packet comprised 12       |
| 3 On behalf of Ohio Partners for Affordable                                    | of ten pages of direct                                                      |
| 4 Energy:                                                                      | 4 testimony of Stacia Harper<br>on behalf of Ohio Partners                  |
| 5 (via telephone) 6 Ohio Partners for Affordable                               | 5 for Affordable Energy on                                                  |
| 7 Energy, by                                                                   | January 7th, 2011, and three 6 pages of Stacia Harper's                     |
| 8 DAVID C. RINEBOLT, ESQ.                                                      | resume                                                                      |
| 9 231 West Lima Street                                                         | Exhibit B A 2-page Excel spreadsheet 31                                     |
| 10 Findlay, OH 45839                                                           | 8 document                                                                  |
| 11 (419) 425-8860                                                              | 9 Exhibit C A 3-page packet with the 68 header "Project Concept" at         |
| 12 drinebolt@ohiopartners.org                                                  | 10 the top of the first page<br>11 Exhibit D A 7-page packet of a string 70 |
| 114                                                                            | of e-mails beginning with an                                                |
| 15                                                                             | 12 e-mail from Stacia Harper to David Rinebolt on January                   |
| 16                                                                             | 13 <b>24th, 2011</b>                                                        |
| 17                                                                             | 14<br>15                                                                    |
| 18                                                                             | 16                                                                          |
| 19                                                                             | 17<br>18                                                                    |
| 21                                                                             | 19                                                                          |
| 22                                                                             | 20<br>21                                                                    |
| 23                                                                             | 22                                                                          |
| 24                                                                             | 23<br>24                                                                    |
| 25                                                                             | 25                                                                          |

2 (Pages 2 to 5)

|          | Page 6                                                                                                 |          | Page 8                                                                                   |
|----------|--------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------|
| 1        | STACIA HARPER, of lawful age,                                                                          | 1        | \$425 for year one. It spanned over I'm not                                              |
| 1        | called for examination, as provided by the Ohio                                                        | · 2      | sure how many years. We'd have to pull the                                               |
|          | Rules of Civil Procedure, being by me first                                                            | 3        | document.                                                                                |
|          | duly sworn, as hereinafter certified, deposed                                                          | 4        | And we thought that combining a                                                          |
|          | and said as follows:                                                                                   | 5        | typical PPA, a power purchase agreement, with a 13:41:35                                 |
| 6        | EXAMINATION OF STACIA HARPER                                                                           | 6        | solar REC, actually what it does is, it reduces                                          |
| 1        | BY MR. GARBER:                                                                                         | 7        | the overall cost of the generated power by                                               |
| 8        | Q. Good afternoon, Ms. Harper. For                                                                     | 8        | taking the value of the solar RECs to offset                                             |
| 1        | the record, my name is Grant Garber, I                                                                 | 9        | the actual generation cost of the project. And                                           |
|          | represent the FirstEnergy Ohio operating 13:39:39                                                      | 10       | what our project is, that what we were saying 13:41:52                                   |
|          | companies in this action.                                                                              | 11       | and this is simply an example, that's all.                                               |
| 12       | Have you ever had your deposition                                                                      | 12       | It's not that we're saying that we're going to                                           |
|          | taken before?                                                                                          | 13       | do this. All we've been trying to do is talk                                             |
| 14       | A. Yes.                                                                                                | 14       | to FirstEnergy. And we were recommended by the                                           |
| 15       | Q. I think, then, you've probably 13:39:47                                                             | 15       | PUCO to submit some testimony to get it entered 13:42:04                                 |
|          | heard most of the pre-deposition-type rules,                                                           | 16       | into the record.                                                                         |
|          | but I'll just run through two real quick ones.                                                         | 17       | So, with that being said, what the                                                       |
| 18       | First of all, I'd ask that you                                                                         | 18       | whole - what the idea here is, is that we're                                             |
| 1        | listen to my question; and then, if you don't                                                          | 19       | bringing in renewable power, solar wind. We're                                           |
|          | understand some part of my question that you'll 13:40:01                                               | 20       | taking value streams that are available from 13:42:20                                    |
|          | tell me. Will you do that for me?                                                                      | 21       | solar REC. The model has it that the                                                     |
| 22       | A. Yes.                                                                                                | 22       | utility in this case it would be FirstEnergy                                             |
| 23       | Q. And then, will it be fair for me to                                                                 | 23       | would buy the actual power that's generated                                              |
| 24       | assume that - if you don't ask me to clarify,                                                          | 24       | because with the solar REC contract, you're not                                          |
|          | is it fair for me to assume that you did 13:40:11                                                      | 25       | actually buying any power, you're simply buying 13:42:34                                 |
|          | Page 7                                                                                                 |          | Page 9                                                                                   |
| 1 1      | understand the question?                                                                               | 1        | the right of the solar REC to meet the state                                             |
| 2        | A. Yes.                                                                                                | 2        | mandates.                                                                                |
| 3        | Q. Also, I'd just ask - and since                                                                      | 3        | And then, revenue streams we had                                                         |
|          | you've had your deposition taken before, you                                                           | 4        | mentioned. Then any revenue streams would then                                           |
|          | know this drill - I'd ask that your answers be 13:40:18                                                | 5        | be turned around to come in and do energy 13:42:44                                       |
|          | in the form of words and not gestures so that                                                          | 6        | efficiency and home weatherization. So, at the                                           |
|          | the court reporter can take it down. Will you                                                          | 7        | end of the day what you achieve is an absolute                                           |
|          | do that as well?                                                                                       | 8        | reduction in the price of power that is being                                            |
| 9        | A. Yes.                                                                                                | 9        | needed. So, you create a long-term                                                       |
| 10       | Q. Ms. Harper, what are you proposing 13:40:27                                                         | 10       | subsidization without rate payer subsidies. 13:42:58                                     |
| 11       | in this case?                                                                                          | 11       | Because there's already a recovery mechanism in                                          |
| 12       | A. What myself and OPAE have worked on                                                                 | 12       | existence right now to recover solar REC                                                 |
| 13       | putting together is, trying to address the                                                             | 13       | obligations or meeting in-state solar                                                    |
|          | Commission's order that said the staff needs to                                                        | 14       | obligations. So, that can already be                                                     |
|          | come up with some alternative recommendations 13:40:43                                                 | 15       | recovered. 13:43:11                                                                      |
|          | to figure out how to solve the FirstEnergy                                                             | 16       | And then, the when we looked at                                                          |
| 1        | all-electric situation in terms of continued                                                           | 17       | the actual cost of the power coming out, it                                              |
|          | reliance on rate payer subsidization of, I call                                                        | 18       | came in to be about 50 cents for generation.                                             |
|          | it "cross-subsidization rate classes."                                                                 | 19       | That's not delivered power, that's the                                                   |
| 20       | And what we were looking at is, 13:41:03                                                               | 20       | generation component to do an apples-to-apples 13:43:26                                  |
|          | recently FirstEnergy has been working on their                                                         | 21       | look with the current rate that we have of                                               |
| 22       | RFP design for the solar REC option. Solar                                                             | 22       | .615. So, that's really what we were looking                                             |
|          | DECahana kasa a laka a kata a ka 11.                                                                   | 23       | at.                                                                                      |
| 23       | RECs have have an inherent it's actually                                                               |          |                                                                                          |
| 23<br>24 | an intrinsic value of up to — we call it the  ACAP, the alternative compliance payment, up to 13:41:20 | 24<br>25 | And when you add in the benefits of energy efficiency, we estimated that brings 13:43:43 |

3 (Pages 6 to 9)

|          | Page 10                                                                                        |          | Page 12                                                                                             |
|----------|------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------|
| 1,       |                                                                                                | -        |                                                                                                     |
| 1 2      | someone's power reduction down 20 percent. And                                                 | 1        | Q. One acronym that I think you've                                                                  |
| 3        | if we were to assume 20 percent reduction in use, 20 percent reduction in bill, and with       | 2        | used a couple times is REC. Could you just tell me what that stands for?                            |
| 4        | that 50 cent cleared power generation price,                                                   | 4        | A. Renewable energy credit. And SREC,                                                               |
| 5        | then you have a total bill savings of 35 13:43:57                                              | 5        | solar renewable energy credit. 13:46:29                                                             |
| 6        | percent, which is lower than what the current                                                  | 6        | Q. So, what is the — you just                                                                       |
| 7        | rate payer subsidy discounts are for the                                                       | 7        | mentioned the generation project that you're                                                        |
| 8        | all-electrics.                                                                                 | 8        | proposing. What is that project?                                                                    |
| 9        | Q. All right. Let me try it again.                                                             | 9        | A. The generation project is a                                                                      |
| 10       | What specifically are you asking 13:44:11                                                      | 10       | combined solar and wind project. If possible, 13:46:40                                              |
| 11       | the Commission to do or to order the                                                           | 11       | you'd bring in storage as well to increase the                                                      |
| 12       | FirstEnergy companies to do?                                                                   | 12       | capacity factors. And again, this is simply an                                                      |
| 13       | And I guess, before you answer                                                                 | 13       | example of what we've looked at.                                                                    |
| 14       | that, if I say "the FirstEnergy companies,"                                                    | 14       | Q. And when you say "solar and wind                                                                 |
| 15       | will you understand that I'm referring to the 13:44:20                                         | 15       | project" and this gets to part of your 13:47:08                                                     |
| 16<br>17 | three FirstEnergy Ohio operating utilities?                                                    | 16       | testimony and actually, let's go ahead and                                                          |
| 18       | A. Yes.                                                                                        | 17<br>18 | mark that as an exhibit.                                                                            |
| 19       | Q. So, what are you asking the Commission to order or to what are you                          | 19       | (Thereupon, Deposition Exhibit A, a                                                                 |
| 20       | asking the Commission to do, or the FirstEnergy 13:44:30                                       | 20       | 13-page packet comprised of ten                                                                     |
| 21       | companies to do?                                                                               | 21       | pages of direct testimony of Stacia                                                                 |
| 22       | A. We're asking the Commission to                                                              | 22       | Harper on behalf of Ohio Partners                                                                   |
| 23       | order the FirstEnergy companies to take a look                                                 | 23       | for Affordable Energy on January                                                                    |
| 24       | at alternative ways of bringing in a rate                                                      | 24       | 7th, 2011, and three pages of Stacia                                                                |
| 25       | discount that does not require rate 13:44:43                                                   | 25       | Harper's resume, was marked for                                                                     |
|          | Page 11                                                                                        |          | Page 13                                                                                             |
| 1        | subsidization through leveraging solar energy                                                  | 1        | purposes of identification.)                                                                        |
| 2        | projects, renewable energy projects and energy                                                 | 2        |                                                                                                     |
| 3        | efficiency.                                                                                    | 3        | Q. Do you have a copy of Exhibit A?                                                                 |
| 4        | Q. Are there any particular                                                                    | 4        | A. Yes.                                                                                             |
| 5        | alternatives that you're asking the Commission 13:45:03                                        | 5        | Q. If you could turn to page — 13:47:58                                                             |
| 6        | to order the companies to consider?                                                            | 6        | actually, I won't direct you to a particular                                                        |
| 7        | A. The only alternatives that have                                                             | 7        | page yet.                                                                                           |
| 8        | been investigated by the Commission and I'm                                                    | 8        | Are you asking are you proposing                                                                    |
| 9        | doing the best I can to answer your question                                                   | 9        | that the companies build a facility, or just purchase the SRECs or the RECs and the "brown 13:48:22 |
| 10       | because it's not I understand your question, 13:45:18                                          | 10       | •                                                                                                   |
| 11 12    | but it's not straight forward because the<br>Commission has ordered the staff to put forth     | 11<br>12 | power," as you call it?  A. We're suggesting that the company                                       |
| 13       | new alternatives. All those alternatives are                                                   | 13       | look into purchasing the brown power and the                                                        |
| 14       | based on rate payer subsidization.                                                             | 14       | SRECs as a combined project. I shouldn't say                                                        |
| 15       | The alternative we're asking for is 13:45:29                                                   | 15       | "combined project," but combining our recovery 13:48:41                                             |
| 16       | an end to the rate payer subsidization of a                                                    | 16       | mechanisms.                                                                                         |
| 17       | continued discount for all-electric generation.                                                | 17       | Q. Are you proposing that the                                                                       |
| 18       | And the alternative that we are proposing that                                                 | 18       | companies be ordered or be ordered to look                                                          |
| 19       | gets additional looking into is a generation                                                   | 19       | into building anything, any physical structures                                                     |
| 20       | project that leverages the recovery mechanism 13:45:44                                         | 20       | at all? 13:48:55                                                                                    |
| 21       | established through our meeting in-state solar                                                 | 21       | A. We're proposing that the Commission                                                              |
| . ~ ~    | requirements.                                                                                  | 22       | require FirstEnergy companies to look into a                                                        |
| 22       |                                                                                                |          |                                                                                                     |
| 23       | MR. GARBER: Could you read the                                                                 | 23       | feasibility study of combining the power. I                                                         |
|          | MR. GARBER: Could you read the last part of that answer back, please?  (Record read.) 13:46:19 | 24<br>25 | mean I'm having a hard time answering because, again, all we're trying to get at is 13:49:14        |

4 (Pages 10 to 13)

|          | Page 14                                                                                   |          | Page 16                                                                                         |
|----------|-------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------|
| 1        | saying: Look at some different type of method                                             | 1        | Q. Any other type of entity you can                                                             |
| 2        | in terms of are they all of subsidizing our                                               | 2        | think of?                                                                                       |
| 3        | all-electric customers without rate payer                                                 | 3        | A. It could be the utility. Anyone                                                              |
| 4        | subsidization.                                                                            | 4        | that has that builds power plants. I                                                            |
| 5        | Q. If you could turn to page 6 of 13:49:31                                                | 5        | wouldn't want a cold power plant builder. I'd 13:52:12                                          |
| 6        | Exhibit A. Can you look at lines 3 to 4,                                                  | 6        | want someone that builds and has experience                                                     |
| 7        | starting - the sentence starting with: "The                                               | 7        | working on industrial sites. And I'm saying                                                     |
| 8        | alternative I am proposing is to build a new                                              | 8        | industrial because of the siting process. It                                                    |
| 9        | power plant"? Can you read that sentence?                                                 | 9        | might be easier. Brown field development is                                                     |
| 10       | A. "The alternative I" 13:49:57                                                           | 10       | another reason why I'd say industrial. And the 13:52:27                                         |
| 11       | Q. I'm sorry. Just to yourself. And                                                       | 11       | project we had looked at actually was taking                                                    |
| 12       | let me know when you've read it.                                                          | 12       | advantage of some brown field areas.                                                            |
| 13       | A. I've read it.                                                                          | 13       | Q. What do you mean by the brown field                                                          |
| 14       | Q. Okay. What do you mean by that                                                         | 14       | areas that you were looking at? Was it a particular site that you had in mind when you 13:52:48 |
| 15<br>16 | sentence? And particularly "I am proposing" 13:50:09                                      | 15       |                                                                                                 |
| 17       | what I am proposing is to build a new power plant.                                        | 16<br>17 | made this proposal?  A. There's a quarry someplace, and I                                       |
| 18       | A. In our example that we've come up                                                      | 18       | just know that it's an abandoned quarry. I                                                      |
| 19       | with as another alternative to what's currently                                           | 19       | don't have the location. And it classifies                                                      |
| 20       | being discussed and what's on the table and has 13:50:22                                  | 20       | we think it classifies as a mining reclamation 13:53:05                                         |
| 21       | been filed, we're saying: I would here's my                                               | 21       | area. And then, the there was an additional                                                     |
| 22       | example: Build a new power plant that is a                                                | 22       | site that was being looked at in Cleveland, and                                                 |
| 23       | combination of solar and wind, and that                                                   | 23       | it was an industrial property that is a                                                         |
| 24       | generates power at a lower market rate than                                               | 24       |                                                                                                 |
| 25       | what we're currently seeing, whereas the lower 13:50:41                                   | 25       | Q. Do you mention either of those two 13:53:22                                                  |
|          | Page 15                                                                                   |          | Page 17                                                                                         |
| 1        | market rate comes in from the consideration of                                            | 1        | specific sites in your pre-filed testimony?                                                     |
| 2        | the SREC value,                                                                           | 2        | A. No.                                                                                          |
| 3        | Q. Are there any other I don't mean                                                       | 3        | Q. Is the abandoned quarry in Ohio?                                                             |
| 4        | to belabor this point but are there any                                                   | 4        | A. Yes.                                                                                         |
| 5        | other specific alternatives that you're 13:50:58                                          | 5        | Q. Do you know what county it's in? 13:53:38                                                    |
| 6        | proposing in your pre-filed testimony?                                                    | 6        | A. No.                                                                                          |
| 7        | A. No. There are an infinite                                                              | 7        | Q. Do you know if it's in the                                                                   |
| 8        | combination of alternatives to propose, this is                                           | 8        | FirstEnergy company service territories?                                                        |
| 9        | simply the one that we've put out there for                                               | 9        | A. Yes.                                                                                         |
| 10       | people to think about. 13:51:10                                                           | 10       | Q. Do you know which company's service 13:53:45                                                 |
| 11       | Q. And who do you propose should build                                                    | 11       | territory it's in?                                                                              |
| 12       | the power plant that you reference on line 4 of                                           | 12       | A. No.                                                                                          |
| 13       | page 6?                                                                                   | 13       | Q. How did you hear about it?                                                                   |
| 14       | A. I'm really not proposing anyone                                                        | 14       | A. Obviously to get to the numbers,                                                             |
| 15       | specific to build it. We have – we haven't 13:51:27                                       | 15       | we've had to talk to developers. And the 13:53:55                                               |
| 16       | even had discussions with FirstEnergy, so                                                 | 16       | developer that we were one of the developers                                                    |
| 17       | there's no way that we can even put forth who                                             | 17       | we were speaking with, they are an industrial                                                   |
| 18       | we are saying is going to build this or not                                               | 18       | renewable energy developer. And this is one of                                                  |
| 19       | build this. A vital player in this role is                                                | 19       | - this is a site that that company identified.                                                  |
| 20<br>21 | FirstEnergy. 13:51:45                                                                     | 20       | Q. What was the name of that company? 13:54:11                                                  |
| 22       | Q. What sorts of entities would you                                                       | 21<br>22 | A. Renewable Energy Services.     Q. And just to close the loop, you                            |
| 23       | reasonably expect would be the ones to build, or be the one to build the power plant that | 23       | Q. And just to close the loop, you mentioned an industrial property in Cleveland.               |
| 1        | you're proposing?                                                                         | 24       | Do you know any more specifics about where in                                                   |
| 24       |                                                                                           | 4.4      |                                                                                                 |
| 24<br>25 | A. Renewable energy developers. 13:51:58                                                  | 25       | Cleveland that is? 13:54:32                                                                     |

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| 1                                                                                                                              | . Page 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                     | Page 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                                                                                              | A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                                                                   | Q. I'm not sure I understand.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2                                                                                                                              | Q. Have you ever been to that site?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2                                                                                                                   | A. Renewable Energy Services has a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3                                                                                                                              | A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3                                                                                                                   | couple of different names, and I don't know                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4                                                                                                                              | Q. Now, you mentioned you had just                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4                                                                                                                   | what those other names are.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 5                                                                                                                              | talked to what was the name of the entity 13:54:45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5                                                                                                                   | Q. Do you know where Renewable Energy 13:57:04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 6                                                                                                                              | you talked to about the abandoned quarry?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6                                                                                                                   | Services is physically based?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 7                                                                                                                              | A. Renewable Energy Services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7                                                                                                                   | A. I think it's in Pennsylvania. They                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 8                                                                                                                              | Q. Were you having communications with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8                                                                                                                   | have a satellite office in California. They                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 9                                                                                                                              | representatives of Renewable Energy Services?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                     | have been in touch with FirstEnergy not on this                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 10                                                                                                                             | A. Yes. 13:55:01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                     | project, on other projects they've been working 13:57:22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                                                                                             | <ul> <li>Q. Was anybody else at OPAE having</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11                                                                                                                  | on.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 12                                                                                                                             | communications with anyone from that company?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 12                                                                                                                  | Q. So, do you think it's possible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 13                                                                                                                             | A. There was one phone call where Dave                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 13                                                                                                                  | that they're the same company, but you're not                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 14                                                                                                                             | was on.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 14                                                                                                                  | sure, is that fair?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 15                                                                                                                             | Q. When did you start communicating 13:55:11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15                                                                                                                  | A. That's possible. I'd be happy to 13:57:38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 16                                                                                                                             | with them about this project that you're                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 16                                                                                                                  | check up and verify that.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 17                                                                                                                             | proposing in your testimony?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 17                                                                                                                  | Q. Were you communicating with any                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 18                                                                                                                             | A. October.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                                                                                                   | other third-party company about your proposal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 19                                                                                                                             | Q. Of 2010?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 19                                                                                                                  | in this case?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 20<br>21                                                                                                                       | A. Um-hmm. 13:55:24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20<br>21                                                                                                            | A. In this case, no. 13:57:48 Q. So, you're not proposing that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 22                                                                                                                             | Q. And why did you initiate that process?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 22                                                                                                                  | Q. So, you're not proposing that anyone in particular build the power plant that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 23                                                                                                                             | A. Well, we were looking at the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | l .                                                                                                                 | you're proposing in your testimony, right?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 24                                                                                                                             | docketing site and seeing all of the problems,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24                                                                                                                  | A. Correct.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 25                                                                                                                             | the filed letters from customers, stating, 13:55:37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 25                                                                                                                  | Q. Are you proposing that anyone in 13:58:08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1                                                                                                                              | Page 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                     | Page 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                | pretty much, outrage over their increases in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                   | particular pay for the building with that power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2                                                                                                                              | bills; went back through the Commission orders,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 2                                                                                                                 | plant?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2<br>3                                                                                                                         | bills; went back through the Commission orders, saw that alternative — that alternative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3                                                                                                                   | plant? A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2<br>3<br>4                                                                                                                    | bills; went back through the Commission orders,<br>saw that alternative that alternative<br>solutions were being mandated by the Commission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3<br>4                                                                                                              | plant? A. No. Q. Are you proposing that anyone in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2<br>3<br>4<br>5                                                                                                               | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3<br>4<br>5                                                                                                         | plant? A. No. Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2<br>3<br>4<br>5<br>6                                                                                                          | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3<br>4<br>5<br>6                                                                                                    | plant? A. No. Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2<br>3<br>4<br>5<br>6<br>7                                                                                                     | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3<br>4<br>5<br>6<br>7                                                                                               | plant? A. No. Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built? A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                                | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3<br>4<br>5<br>6<br>7<br>8                                                                                          | plant? A. No. Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built? A. No. Q. Are you proposing that any entity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                           | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and we can do energy efficiency and get energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | plant? A. No. Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built? A. No. Q. Are you proposing that any entity operate that power plant after it's built?                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                           | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and we can do energy efficiency and get energy efficiency funded where it's not subsidized? 13:56:17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | plant? A. No. Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built? A. No. Q. Are you proposing that any entity operate that power plant after it's built? A. No. 13:58:28                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10                                                                                     | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and we can do energy efficiency and get energy efficiency funded where it's not subsidized? 13:56:17  And so, we started seeing what we                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10                                                                               | plant? A. No. Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built? A. No. Q. Are you proposing that any entity operate that power plant after it's built? A. No. 13:58:28 Q. Are you proposing are you making                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12                                                                         | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and we can do energy efficiency and get energy efficiency funded where it's not subsidized? 13:56:17  And so, we started seeing what we could do in terms of if there was any possible                                                                                                                                                                                                                                                                                                                                                                                                                          | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11                                                                         | plant? A. No. Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built? A. No. Q. Are you proposing that any entity operate that power plant after it's built? A. No. 13:58:28 Q. Are you proposing are you making any proposals regarding how the cost of                                                                                                                                                                                                                                                                                                                                                                            |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                                   | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and we can do energy efficiency and get energy efficiency funded where it's not subsidized? 13:56:17  And so, we started seeing what we could do in terms of if there was any possible way that the purchase price of power generation                                                                                                                                                                                                                                                                                                                                                                          | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12                                                                   | plant? A. No. Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built? A. No. Q. Are you proposing that any entity operate that power plant after it's built? A. No. 13:58:28 Q. Are you proposing are you making any proposals regarding how the cost of construction of that plant be recovered, if at                                                                                                                                                                                                                                                                                                                             |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14                                                             | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and we can do energy efficiency and get energy efficiency funded where it's not subsidized? 13:56:17  And so, we started seeing what we could do in terms of if there was any possible way that the purchase price of power generation could be lower than the actual market clearing                                                                                                                                                                                                                                                                                                                           | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                             | plant? A. No. Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built? A. No. Q. Are you proposing that any entity operate that power plant after it's built? A. No. 13:58:28 Q. Are you proposing are you making any proposals regarding how the cost of construction of that plant be recovered, if at all?                                                                                                                                                                                                                                                                                                                        |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15                                                       | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and we can do energy efficiency and get energy efficiency funded where it's not subsidized? 13:56:17  And so, we started seeing what we could do in terms of if there was any possible way that the purchase price of power generation could be lower than the actual market clearing price, and if we were able to take advantage of 13:56:35                                                                                                                                                                                                                                                                  | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15                                                 | plant? A. No. Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built? A. No. Q. Are you proposing that any entity operate that power plant after it's built? A. No. 13:58:28 Q. Are you proposing are you making any proposals regarding how the cost of construction of that plant be recovered, if at all? A. Yes. 13:58:37                                                                                                                                                                                                                                                                                                       |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14                                                             | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and we can do energy efficiency and get energy efficiency funded where it's not subsidized? 13:56:17  And so, we started seeing what we could do in terms of if there was any possible way that the purchase price of power generation could be lower than the actual market clearing price, and if we were able to take advantage of 13:56:35 existing mechanisms in the state and combine                                                                                                                                                                                                                     | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                             | plant?  A. No.  Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built?  A. No.  Q. Are you proposing that any entity operate that power plant after it's built?  A. No. 13:58:28  Q. Are you proposing are you making any proposals regarding how the cost of construction of that plant be recovered, if at all?  A. Yes. 13:58:37  Q. What's your proposal in that                                                                                                                                                                                                                                                               |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                                                 | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and we can do energy efficiency and get energy efficiency funded where it's not subsidized? 13:56:17  And so, we started seeing what we could do in terms of if there was any possible way that the purchase price of power generation could be lower than the actual market clearing price, and if we were able to take advantage of 13:56:35 existing mechanisms in the state and combine them.                                                                                                                                                                                                               | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                                           | plant?  A. No.  Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built?  A. No.  Q. Are you proposing that any entity operate that power plant after it's built?  A. No. 13:58:28  Q. Are you proposing are you making any proposals regarding how the cost of construction of that plant be recovered, if at all?  A. Yes. 13:58:37  Q. What's your proposal in that respect?                                                                                                                                                                                                                                                      |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17                                           | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and we can do energy efficiency and get energy efficiency funded where it's not subsidized? 13:56:17  And so, we started seeing what we could do in terms of if there was any possible way that the purchase price of power generation could be lower than the actual market clearing price, and if we were able to take advantage of existing mechanisms in the state and combine them.  Q. Was the name of that entity                                                                                                                                                                                        | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17                                     | plant?  A. No.  Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built?  A. No.  Q. Are you proposing that any entity operate that power plant after it's built?  A. No. 13:58:28  Q. Are you proposing are you making any proposals regarding how the cost of construction of that plant be recovered, if at all?  A. Yes. 13:58:37  Q. What's your proposal in that                                                                                                                                                                                                                                                               |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18                                     | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and we can do energy efficiency and get energy efficiency funded where it's not subsidized? 13:56:17  And so, we started seeing what we could do in terms of if there was any possible way that the purchase price of power generation could be lower than the actual market clearing price, and if we were able to take advantage of 13:56:35 existing mechanisms in the state and combine them.                                                                                                                                                                                                               | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18                               | plant? A. No. Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built? A. No. Q. Are you proposing that any entity operate that power plant after it's built? A. No. 13:58:28 Q. Are you proposing are you making any proposals regarding how the cost of construction of that plant be recovered, if at all? A. Yes. 13:58:37 Q. What's your proposal in that respect? A. Our proposal is leveraging solar                                                                                                                                                                                                                          |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21                   | bills; went back through the Commission orders, saw that alternative — that alternative solutions were being mandated by the Commission for the staff to propose. And we also thought 13:55:56 that: Hey. A long-term solution to increasing cost of energy prices is energy efficiency.  What can we come up with where we can go in and we can do energy efficiency and get energy efficiency funded where it's not subsidized? 13:56:17  And so, we started seeing what we could do in terms of if there was any possible way that the purchase price of power generation could be lower than the actual market clearing price, and if we were able to take advantage of 13:56:35 existing mechanisms in the state and combine them.  Q. Was the name of that entity Renewable Energy Services or Renewable Energy                                                                                                                                 | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21             | plant?  A. No.  Q. Are you proposing that anyone in particular own that power plant after it's 13:58:17 built?  A. No.  Q. Are you proposing that any entity operate that power plant after it's built?  A. No. 13:58:28  Q. Are you proposing are you making any proposals regarding how the cost of construction of that plant be recovered, if at all?  A. Yes. 13:58:37  Q. What's your proposal in that respect?  A. Our proposal is leveraging solar REC and the recovery mechanisms associated with                                                                                                                                                                 |
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6 (Pages 18 to 21)

| ·              | Page 22                                                                                |          | Page 24                                                                                              |
|----------------|----------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------|
| 1              |                                                                                        | 1        | similar to the one you're proposing here that                                                        |
| i              | Q. Are you proposing the size of the plant in terms of the megawatts?                  | 2        | Renewable Energy Services has conducted or                                                           |
| 3              | A. No.                                                                                 | 3        | managed before?                                                                                      |
| 4              | Q. Let's go back to Renewable Energy                                                   | 4        | A. No.                                                                                               |
| 5              | Services. How did you learn of them before you 13:59:18                                | 5        | Q. Do you know if they've ever 14:01:53                                                              |
|                | communicated with them?                                                                | 6        | conducted or managed a project like this one                                                         |
| 7              |                                                                                        | 7        | that you're proposing?                                                                               |
| 1              | A. They I work in PJM in the                                                           | 8        | A. No. I'm not aware of anyone doing                                                                 |
|                | stakeholder process in the meetings. Renewable                                         | 9        |                                                                                                      |
|                | Energy Services is one of the members to PJM                                           |          | this type of project and leveraging in-state existing recovery mechanisms combined with the 14:02:07 |
|                | that is typically an expert on many issues in 13:59:37                                 | 10       | Ψ • • • • • • • • • • • • • • • • • • •                                                              |
|                | terms of being invited as a panelist of                                                | 11       | brown power – well, combined with the power.                                                         |
|                | capacity markets, demand response, and they                                            | 12       | Q. So, you're not so, with respect                                                                   |
|                | were one of the people that I already know and                                         | 13       |                                                                                                      |
|                | thought I'd ask about the feasibility of trying                                        | 14       | you're not aware of any other project manager,                                                       |
|                | to come up with something like this. 13:59:50                                          | 15       | utility, any other company doing anything like 14:02:20                                              |
| 16             | Q. Can you give me the names of the                                                    | 16       | that in the State of Ohio before?                                                                    |
|                | people that you talked with from Renewable                                             | 17       | A. No. Not in Ohio. Not in the                                                                       |
|                | Energy Services?                                                                       | 18       | nation.                                                                                              |
| 19             | A. Paul Williams.                                                                      | 19       | Q. Do you know how many do you know                                                                  |
| 20             | Q. Anybody else? 14:00:04                                                              | 20       | if Renewable Energy Services has done anything 14:02:31                                              |
| 21             | A. No.                                                                                 | 21       | that you would broadly classify as a                                                                 |
| 22             | Q. Do you know what his title is?                                                      | 22       | 1 11 1                                                                                               |
| 23             | A. Director, But I don't know of                                                       | 23       |                                                                                                      |
|                | what. And I can send you his contact                                                   | 24       | Q. Can you tell me about that?                                                                       |
| 25             | information if you need that. 14:00:25                                                 | 25       | A. I just know they have. It's on 14:02:44                                                           |
|                | Page 23                                                                                |          | Page 25                                                                                              |
| 1              | Q. Have you ever worked with Renewable                                                 | 1        | their website.                                                                                       |
| 2              | Energy Services before October 2010 on                                                 | 2        | Q. Do you know how many such projects                                                                |
| 3              | anything?                                                                              | 3        | they've done?                                                                                        |
| 4              | A. Only in the stakeholder process at                                                  | 4        | A. There's three listed on their                                                                     |
| 5              | PJM. 14:00:34                                                                          | 5        | website. 14:02:53                                                                                    |
| 6              | Q. Do you know how many just talk a                                                    | 6        | Q. Do you know where those were?                                                                     |
| 7              | little bit about what you discussed with Paul                                          | 7        | A. No.                                                                                               |
| 8              | with respect to the type of projects that you                                          | 8        | Q. What about wind projects. Are you                                                                 |
| ŏ              | would want to propose in this case.                                                    | 9        | aware if Renewable Energy Services has ever                                                          |
| 10             | A. I'm sorry. Can you rephrase your 14:00:50                                           | 10       | managed or conducted a wind-power-type project? 14:03:02                                             |
| 11             | question?                                                                              | 11       | A. No. It's probably on their                                                                        |
| 12             | Q. Tell me about what you what were                                                    | 12       | website. And it's possible one of those three                                                        |
| 13             | the source of things that you talked about in                                          | 13       | might have been a wind or a wind/solar combo.                                                        |
| 14             | your initial conversations with Paul in terms                                          | 14       | Q. Sitting here today at least, you                                                                  |
| 15             | of discussing this case and maybe what your 14:01:02                                   | 15       | can't say for sure what the answer is to that? 14:03:21                                              |
| 16             |                                                                                        | 16       | A. No.                                                                                               |
| •              | objectives were with the relationship with                                             | 17       |                                                                                                      |
| 17<br>18       | Renewable Energy Services?                                                             |          | Q. Do you know if they've done any projects in Ohio?                                                 |
| 19             | A. We didn't talk anything about this                                                  | 18<br>19 | A. Yes.                                                                                              |
| 1              | case. The conversation we had was simply                                               | 20       |                                                                                                      |
| [20            | about: Hey, How much would it cost to — 14:01:14                                       | 21       | S 2. 7 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2                                                         |
| 1              | what's the amount what would be the purchase                                           | 22       | A. I know that Renewable Energy Services represents industrial partners, and                         |
| 21             |                                                                                        |          |                                                                                                      |
| 21<br>22       | price generation? And bringing in energy                                               | ì        |                                                                                                      |
| 21<br>22<br>23 | price generation? And bringing in energy efficiency. And what are the revenue streams? | 23       | then they have done some, I understand,                                                              |
| 21<br>22       | price generation? And bringing in energy                                               | ì        |                                                                                                      |

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| 2 A. No. 3 Q. More or less to                           | how many, ballpark?               | 1        | example information that we were able to come                                                      |
|---------------------------------------------------------|-----------------------------------|----------|----------------------------------------------------------------------------------------------------|
| 2 A. No. 3 Q. More or less to                           |                                   |          |                                                                                                    |
|                                                         |                                   | 2        | up with, and the example was worked on with                                                        |
|                                                         | han ten, do you know?             | 3        | Renewable Energy Services.                                                                         |
| 4 A. I don't know.                                      | I don't know if                   | 4        | Q. What did Renewable Energy Services                                                              |
| 5 that's public information                             | n either, so I doubt 14:03:54     | 5        | do in connection with generating the proposal? 14:06:30                                            |
| 6 those are large scale. I                              |                                   | 6        | A. They gave me an idea of what the                                                                |
|                                                         | if they've worked on a            | 7        | price was. They came up with an estimate of 5                                                      |
| 8 project like that in Ohi                              | o in the last year?               | 8        | cents delivered generation - not generation,                                                       |
| 9 A. No.                                                |                                   | 9        | but 5 cents for the generation component.                                                          |
|                                                         | way or the other? 14:04:04        | 10       | Q. What did they do to arrive at that 14:06:51                                                     |
| 11 A. No. I don't kn                                    |                                   | 11       | figure?                                                                                            |
|                                                         | if Renewable Energy               | 12       | A. I don't know.                                                                                   |
| 13 Services has worked or 14 all-electric customers?    | n any projects regarding          | 13       | Q. Was Paul Williams the one who did                                                               |
| 15 A. No.                                               | 14:04:19                          | 14       | the analysis to arrive at that figure?  A. Yes. 14:07:03                                           |
| 16 Q. Has Renewab                                       |                                   | 15<br>16 | A. Yes. 14:07:03 Q. Did you provide any information to                                             |
|                                                         | regarding the purchase            | 17       | Mr. Williams or anyone else at Renewable Energy                                                    |
| 18 of brown power?                                      | s regulating the parentase        | 18       | Services in connection with that analysis?                                                         |
| 19 A. I think so. I ca                                  | an't say for sure.                | 19       | A. Yes.                                                                                            |
|                                                         | ou say you think so? 14:04:34     | 20       | Q. What did you provide? 14:07:20                                                                  |
|                                                         | ower is a power                   | 21       | A. The estimated number of customers,                                                              |
|                                                         | r the power generated out         | 22       | market clearing price that cleared in the most                                                     |
| 23 of that. So, in terms of                             | an industrial plant               | 23       | recent auction process, the state website or                                                       |
|                                                         | and power, it's possible          | 24       | the docketing site so they could go and look up                                                    |
| 25 that there's a brown po                              | wer stream coming out of 14:04:49 | 25       | what the value of solar RECs the ACAP 14:07:40                                                     |
|                                                         | Page 27                           |          | Page 29                                                                                            |
| 1 there. That would have                                | been part of their                | 1        | payment stream was.                                                                                |
| 2 whole purpose of puttin                               |                                   | 2        | Q. Anything else? Any other type of                                                                |
| 3 Q. What's CHP?                                        |                                   | 3        | information that you provided to Renewable                                                         |
| 4 A. Combined hear                                      |                                   | 4        | Energy Services?                                                                                   |
| 5 Q. So, are you say                                    |                                   | 5        | A. No. 14:07:55                                                                                    |
|                                                         | strip out generation              | 6        | Q. What was the estimated number of                                                                |
| 7 from renewable from                                   |                                   | 7        | customers that you provided?                                                                       |
|                                                         | omeone is purchasing that         | 8        | A. 16,000.                                                                                         |
| 9 power, that is considered                             |                                   | 9        | Q. And that number is purporting to be                                                             |
| 10 considering that to be a 11 agreement because the    |                                   | 10       | the number of all-electric customers? 14:08:08  A. That number is a carve-out of the               |
| 12 power at an agreed-to p                              | project was set up to buy         | 11<br>12 | A. That number is a carve-out of the low income actually, let me rephrase. That                    |
| 13 by the market.                                       | rice that is not defined          | 13       | number is the low-income all-electric                                                              |
| 1 7                                                     | - how many such                   | 14       | customers.                                                                                         |
|                                                         | n power has Renewable 14:05:41    | 15       | Q. How did you derive that figure? 14:08:21                                                        |
| 16 Energy Services worker                               |                                   | 16       | A. That came from their in the                                                                     |
| 17 A. No I do not                                       |                                   | 17       | staff's report that was completed per the                                                          |
| 18 Q. Are you propo                                     | sing that Renewable               | 18       | Commission order, there's attachment one in                                                        |
| 19 Energy Services have a                               | ny kind of role in the            | 19       | their filing. And they had estimated they                                                          |
| 20 particular project that y                            | ou're proposing in 14:05:58       | 20       | did a customer count. And I summed up all of 14:08:52                                              |
| 21 your pre-filed testimony                             | y?                                | 21       | those on water heating and space heating and                                                       |
| 22 A. The ultimate c                                    |                                   | 22       | optional electric heating, and added those up                                                      |
| 23 participates in a project                            |                                   | 23       | and came up with a number of roughly 160,000.                                                      |
|                                                         |                                   |          |                                                                                                    |
| 24 FirstEnergy's and the<br>25 choice. That's not our o |                                   | 24<br>25 | And we assumed 10 percent is a fairly rational estimate for the low income make-up of the 14:09:14 |

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|                                                                                                                                | Page 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                | Page 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                                                                                              | all-electric.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                                                                                                              | Toledo Edison is sheets 15 and 16 on attachment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2                                                                                                                              | Q. In other words, 10 percent of the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                              | one of the staff report. And then, the 350 was                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 3                                                                                                                              | total number of all-electric customers would be                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3                                                                                                                              | the sum of sheets number 13 and 14. And your                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1                                                                                                                              | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4                                                                                                                              | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 4                                                                                                                              | the low income portion of that?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | _                                                                                                                              | total comes out to 159,850.  O. Why did you apply the 10 percent 14:12:41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 5                                                                                                                              | A. Correct. And the total number of 14:09:26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5                                                                                                                              | Control of the Contro |
| 6                                                                                                                              | low-income customers not low-income. The                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6                                                                                                                              | figure to that number to arrive at the low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 7                                                                                                                              | total number of all-electric customers is kind                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7                                                                                                                              | income carve-out?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 8                                                                                                                              | of unknown. There is an additional 88,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8                                                                                                                              | A. That's the number that we use at                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 9                                                                                                                              | customers that were added, and that's                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 9                                                                                                                              | OPAE for the for trying to figure out what                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 10                                                                                                                             | additional detail where we needed to talk with 14:09:43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10                                                                                                                             | the low-income portion is of the all-electric. 14:12:57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 11                                                                                                                             | FirstEnergy to see what the actual count was.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11                                                                                                                             | That number can change monthly because of who                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 12                                                                                                                             | Q. Do you have a copy of the staff                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12                                                                                                                             | is eligible and who loses eligibility, so                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 13                                                                                                                             | report in front of you?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 13                                                                                                                             | that's a number that we use as a ballpark. And                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 14                                                                                                                             | A. Not of the staff report, but the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 14                                                                                                                             | we can always go and verify that number.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 15                                                                                                                             | attachment that was in the staff report that 14:09:56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 15                                                                                                                             | Q. I guess I'll ask it again. How was 14:13:15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 16                                                                                                                             | you can have.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16                                                                                                                             | that 10 percent derived? Was there some                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 17                                                                                                                             | Q. Actually, can you just show me what                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 17                                                                                                                             | calculation that was done to initially arrive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 18                                                                                                                             | columns you were adding together on here?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 18                                                                                                                             | at that figure at some point?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 19                                                                                                                             | A. So, for the CEI part, it would be                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 19                                                                                                                             | A. No. The 10 percent is what we use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 20                                                                                                                             | sheet number 12, sheet number 13. And this was 14:10:10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20                                                                                                                             | at OPAE as an assumption of – of an adequate 14:13:27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 21                                                                                                                             | worked out in the Excel attachment that Dave                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 21                                                                                                                             | representation of what our projected low-income                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 22                                                                                                                             | had sent.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 22                                                                                                                             | residents are that are PIPP customers in the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 23                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 23                                                                                                                             | all-electric.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| •                                                                                                                              | Q. We'll mark these as exhibits just                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 24                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 24                                                                                                                             | to keep the record clear.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                | Q. Has anyone at OPAE ever gone back and examined any records or tried to determine 14:13:48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 25                                                                                                                             | A. So, we might want to turn to I 14:10:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 25                                                                                                                             | and examined any records or tried to determine 14:13:48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                | Page 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                | Page 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                                                                                                                              | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1 2                                                                                                                            | guess this would be the next exhibit. This was                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 2                                                                                                                            | the accuracy of that 10 percent figure?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2                                                                                                                              | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2 3                                                                                                                            | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                                                                                                              | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2<br>3<br>4                                                                                                                    | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2<br>3<br>4                                                                                                                    | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2<br>3<br>4<br>5                                                                                                               | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2<br>3<br>4<br>5                                                                                                               | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2<br>3<br>4<br>5<br>6                                                                                                          | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2<br>3<br>4<br>5<br>6                                                                                                          | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2<br>3<br>4<br>5<br>6<br>7                                                                                                     | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2<br>3<br>4<br>5<br>6<br>7                                                                                                     | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                                | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document, was marked for purposes of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                                | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?  A. OPAE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                           | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                           | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?  A. OPAE.  Q. Do you know how many OPAE customers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                           | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document, was marked for purposes of identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                           | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?  A. OPAE.  Q. Do you know how many OPAE customers are all-electric customers?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11                                                                               | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document, was marked for purposes of identification.)  Q. Okay.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10                                                                                     | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?  A. OPAE.  Q. Do you know how many OPAE customers are all-electric customers?  14:14:19  A. No. We can figure that out once we                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12                                                                         | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document, was marked for purposes of identification.)  Q. Okay.  A. Okay. On Exhibit B, you'll see CEI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11                                                                               | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?  A. OPAE.  Q. Do you know how many OPAE customers are all-electric customers?  14:14:19  A. No. We can figure that out once we get with FirstEnergy and try to take a look at                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                                   | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document, was marked for purposes of identification.)  Q. Okay.  Q. Okay.  A. Okay. On Exhibit B, you'll see CEI has an asterisk. It says water and space                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                                   | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?  A. OPAE.  Q. Do you know how many OPAE customers are all-electric customers? 14:14:19  A. No. We can figure that out once we get with FirstEnergy and try to take a look at it.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14                                                             | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document, was marked for purposes of identification.)  Q. Okay.  A. Okay. On Exhibit B, you'll see CEI has an asterisk. It says water and space heating combined is 27,900. And that one is                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                                   | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?  A. OPAE.  Q. Do you know how many OPAE customers are all-electric customers? 14:14:19  A. No. We can figure that out once we get with FirstEnergy and try to take a look at it.  Q. But there's no sort of there are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15                                                       | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document, was marked for purposes of identification.)  Q. Okay.  A. Okay. On Exhibit B, you'll see CEI has an asterisk. It says water and space heating combined is 27,900. And that one is combined because that is the way it was 14:11:27                                                                                                                                                                                                                                                                                                                                                                                                                           | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15                                                       | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?  A. OPAE.  Q. Do you know how many OPAE customers are all-electric customers? 14:14:19  A. No. We can figure that out once we get with FirstEnergy and try to take a look at it.  Q. But there's no sort of — there are no customer records that you would have that 14:14:34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21                   | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document, was marked for purposes of identification.)  Q. Okay.  A. Okay. On Exhibit B, you'll see CEI has an asterisk. It says water and space heating combined is 27,900. And that one is combined because that is the way it was 14:11:27 reported on the staff report in attachment one. OE has a column here for space heat of 73,700, and another column for water heat of 1,000, and then optional electric heating was 2,800.  Toledo Edison has a report of 14:11:46 32,000, and that 32,000 from Toledo Edison with the space heat comes from you had to add the                                                                                             | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21                   | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?  A. OPAE.  Q. Do you know how many OPAE customers are all-electric customers? 14:14:19  A. No. We can figure that out once we get with FirstEnergy and try to take a look at it.  Q. But there's no sort of — there are no customer records that you would have that would reflect whether a particular customer is on an all-electric discount or tariff?  A. No. That's FirstEnergy information.  Q. You mentioned that you also 14:14:44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23       | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document, was marked for purposes of identification.)  Q. Okay.  A. Okay. On Exhibit B, you'll see CEI has an asterisk. It says water and space heating combined is 27,900. And that one is combined because that is the way it was 14:11:27 reported on the staff report in attachment one. OE has a column here for space heat of 73,700, and another column for water heat of 1,000, and then optional electric heating was 2,800.  Toledo Edison has a report of 14:11:46 32,000, and that 32,000 from Toledo Edison with the space heat comes from you had to add the 30,300 and the 1,700 from attachment one of the                                             | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23       | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?  A. OPAE.  Q. Do you know how many OPAE customers are all-electric customers? 14:14:19  A. No. We can figure that out once we get with FirstEnergy and try to take a look at it.  Q. But there's no sort of — there are no customer records that you would have that would reflect whether a particular customer is on an all-electric discount or tariff?  A. No. That's FirstEnergy information.  Q. You mentioned that you also 14:14:44 provided Renewable Energy Services with a market clearing price from which auction?  A. The most recent auction, where it                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24 | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document, was marked for purposes of identification.)  Q. Okay.  A. Okay. On Exhibit B, you'll see CEI has an asterisk. It says water and space heating combined is 27,900. And that one is combined because that is the way it was 14:11:27 reported on the staff report in attachment one. OE has a column here for space heat of 73,700, and another column for water heat of 1,000, and then optional electric heating was 2,800.  Toledo Edison has a report of 14:11:46 32,000, and that 32,000 from Toledo Edison with the space heat comes from you had to add the 30,300 and the 1,700 from attachment one of the staff report. And that's sheet 17 and sheet | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22             | the accuracy of that 10 percent figure?  A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?  A. OPAE.  Q. Do you know how many OPAE customers are all-electric customers? 14:14:19  A. No. We can figure that out once we get with FirstEnergy and try to take a look at it.  Q. But there's no sort of — there are no customer records that you would have that would reflect whether a particular customer is on an all-electric discount or tariff?  A. No. That's FirstEnergy information.  Q. You mentioned that you also 14:14:44 provided Renewable Energy Services with a market clearing price from which auction?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 22 23 23                                                                         | guess this would be the next exhibit. This was the spreadsheet 2 on the Excel document.  Q. So, we'll mark, as Exhibit B, the combined Excel spreadsheet document.  (Thereupon, Deposition Exhibit B, a 2-page Excel spreadsheet document, was marked for purposes of identification.)  Q. Okay.  A. Okay. On Exhibit B, you'll see CEI has an asterisk. It says water and space heating combined is 27,900. And that one is combined because that is the way it was 14:11:27 reported on the staff report in attachment one. OE has a column here for space heat of 73,700, and another column for water heat of 1,000, and then optional electric heating was 2,800.  Toledo Edison has a report of 14:11:46 32,000, and that 32,000 from Toledo Edison with the space heat comes from you had to add the 30,300 and the 1,700 from attachment one of the                                             | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24 | A. I'm sure they have, but we don't have an accurate count of what the all-electric count is in FirstEnergy, so that's a little bit difficult to do. But we do have an accurate 14:14:03 count of how many customers we have.  Q. Who's "we"?  A. OPAE.  Q. Do you know how many OPAE customers are all-electric customers?  14:14:19  A. No. We can figure that out once we get with FirstEnergy and try to take a look at it.  Q. But there's no sort of — there are no customer records that you would have that would reflect whether a particular customer is on an all-electric discount or tariff?  A. No. That's FirstEnergy information.  Q. You mentioned that you also 14:14:44 provided Renewable Energy Services with a market clearing price from which auction?  A. The most recent auction, where it came in at roughly .615. And I'm using that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

9 (Pages 30 to 33)

|                                                                                                                                | Page 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <u> </u>                                                                                                                       | Page 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                                                                                              | staff report.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                                              | reflect any data from Ohio?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2                                                                                                                              | Q. Do you know what variables                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                                                                              | A. They used the Ohio ACAP schedule                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3                                                                                                                              | renewable strike that.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3                                                                                                                              | and said that the 125 is less than the Ohio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4                                                                                                                              | What variables did Renewable Energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4                                                                                                                              | schedule. So, they did use Ohio data in coming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 5                                                                                                                              | Services use to come up with the 5 cent 14:15:18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5                                                                                                                              | up with the 125, recognizing that the Ohio 14:17:57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 6                                                                                                                              | kilowatt hour figure?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6                                                                                                                              | market is significantly less than the New                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 7                                                                                                                              | A. The numbers that we had discussed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7                                                                                                                              | Jersey market.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 8                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8                                                                                                                              | Q. How did Renewable Energy Services                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 9                                                                                                                              | were an estimated power production of 36 megawatts, all in capacity factor of 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 9                                                                                                                              | taking the variables that we've discussed,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 10                                                                                                                             | percent. 44:15:35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10                                                                                                                             | how did Renewable Energy Services calculate the 14:18:21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                                                                                             | Q. Anything else?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 11                                                                                                                             | 5 cents per kilowatt hour figure?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 12                                                                                                                             | A. I think the solar REC price that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12                                                                                                                             | A. I don't know. They put it through                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 13                                                                                                                             | they used was \$125 per megawatt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 13                                                                                                                             | their budget and probably did a capitalization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 14                                                                                                                             | Q. What's the basis of that figure?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 14                                                                                                                             | project, streamed it out over a number of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 15                                                                                                                             | A. It has to do with what's been 14:15:49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 15                                                                                                                             | years. And to come out to result in the 5 14:18:38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 16                                                                                                                             | clearing in New Jersey, and what are the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16                                                                                                                             | cent price is taking into account offsetting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 17                                                                                                                             | ACAP prices in Ohio are very high, and we don't                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 17                                                                                                                             | the actual cost of the plant with the value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 18                                                                                                                             | really have good market history in Ohio to see                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18                                                                                                                             | from the solar RECs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 19                                                                                                                             | what solar prices are coming in. So, that's                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 19                                                                                                                             | Q. You didn't perform that calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 20                                                                                                                             | below what the ACAP is; however, it's still 14:16:05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                | though, right? 14:19:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 21                                                                                                                             | they thought that was a rational number that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 21                                                                                                                             | A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 22                                                                                                                             | they could achieve what they needed to do, and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 22                                                                                                                             | Q. Who performed that calculation?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 23                                                                                                                             | being below the actual ACAP we thought was                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 23                                                                                                                             | A. Renewable Energy Services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 24                                                                                                                             | really a good thing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 24                                                                                                                             | Q. Do you know what individual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 25                                                                                                                             | Q. I'm sorry. Can you just explain to 14:16:18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                | performed it, or individuals? 14:19:09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| F                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <u> </u>                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                | Page 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                | Page 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1                                                                                                                              | me what "ACAP" is?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                                                                              | A. My only contact at Renewable Energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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10 (Pages 34 to 37)

|       | Page 38                                                       |          |                                                                           | Page 40     |
|-------|---------------------------------------------------------------|----------|---------------------------------------------------------------------------|-------------|
| 1     | Here's an example. This is only enough to                     | 1        | Q. So, that's three months beyond                                         | 1           |
| 2     | cover the low income. So                                      | 2        | what's reflected in this timeline?                                        | ** N        |
| 3     | Q. Okay. More generally, what is the                          | 3        | A. Yes.                                                                   |             |
| 4     | first page of Exhibit B? What is this                         | 4        | Q. So, looking at the 1st Phase                                           |             |
| 5     | purporting to show? 14:20:38                                  | 5        | Project Size, where did those where did                                   | 14:23:17    |
| 6     | A. This is a development budget for                           | 6        | those figures come from?                                                  |             |
| 7     | how much it would cost to develop their                       | 7        | A. I don't know.                                                          |             |
| 8     | full-fledged project plan and budget. So, the                 | 8        | Q. Did you request that the 1st Phase                                     |             |
| 9     | total amount of this budget here is \$2.6                     | 9        | Project Size reflect those megawatts?                                     | 100         |
| 10    | million. It is not the project cost of the 14:20:52           | 10       | <ul> <li>A. The megawatts that we had talked</li> </ul>                   | 14:23:31    |
| 11    | estimated 130, \$140 million.                                 | 11       | about initially were 36 megawatts, which is                               |             |
| 12    | And the reason why I have this is,                            | 12       | referenced in the e-mail that was to Bob                                  | de was take |
| 13    | I had asked Renewable Energy Services for some                | 13       | Fortney. And that was what, at that point in                              |             |
| 14    | type of a timeline so that they could that                    | 14       | time, that Renewable Energy Services said that                            |             |
| 15    | we could have an idea of when we were able to 14:21:14        | 15       | they could guarantee they could generate.                                 | 14:23:50    |
| 16    | talk with FirstEnergy or the Commission to talk               | 16       | <ul> <li>Q. What amount was the amount they</li> </ul>                    |             |
| 17    | about what type of project timeline we're                     | 17       | could guarantee, the 36?                                                  |             |
| 18    | talking about.                                                | 18       | A. 36. And this is showing 38, so                                         |             |
| 19    | Q. Who created the first page of                              | 19       | they've been able to show an additional two                               |             |
| 20    | Exhibit B, this spreadsheet? 14:21:29                         | 20       | megawatts here. 14:24:0                                                   | 7           |
| 21    | A. This came from Renewable Energy                            | 21       | Q. And on the estimated – is that                                         |             |
| 22    | Services.                                                     | 22       | "estimated maximum project size" two rows                                 | œlow        |
| 23    | Q. Did you have any input into the                            | 23       | the 1st Phase Project Size? Is that what that                             |             |
| 24    | content of this spreadsheet?                                  | 24       | stands for?                                                               | ,           |
| 25    | A. I requested it. I asked for a 14:21:40                     | 25       | A. I assume so. 14:24:22                                                  | 4           |
| 1     | Page 39                                                       |          |                                                                           | Page 41     |
| 1     | timeline, and this is what I got.                             | 1        | Q. Where did the 50 megawatt maximus                                      | n           |
| 2     | Q. A timeline for what?                                       | 2        | figure come from?                                                         |             |
| 3     | A. I had asked for a project timeline,                        | 3        | A. If there's integration of energy                                       |             |
| 4     | but I got a development budget timeline.                      | 4        | storage. Energy storage is not included in any                            |             |
| 5     | Q. What's the difference? 14:21:57                            | 5        | of our initial budget estimates of the 130,                               | 14:24:34    |
| 6     | A. Well, I thought one was going to be                        | 6        | \$140 million. Energy storage is based on                                 |             |
| 7     | \$140 million, but this one is 2.6 million. So,               | 7        | battery storage and technologies. There's a                               |             |
| 8     | this is the cost that I called to clarify what                | 8        | wide range of technologies, and it's all about                            |             |
| 9     | this was, and I was told it was the                           | 9        | what cost is feasible and what's not. The                                 | 14:24:51    |
| 10    | developmental budget of 2.6 million that they  14:22:09       | 10       | beauty of energy storage, if you can get it                               | 14,24,31    |
| 11 12 | could commit themselves to. Meaning that if                   | 11       | into the cost and it be cost effective, you increase the capacity factor. |             |
| 13    | they were to do the project, the 2.6 is their responsibility. | 12<br>13 | O. Who decided that the estimated                                         |             |
| 14    | But, the reason why they gave this                            | 14       | maximum project size would be 50 megawatt                                 | جې          |
| 15    | to me in the format that it was given to me in 14:22:26       | 15       | A. Renewable Energy Services did, and                                     | 14:25:08    |
| 16    | is, we had asked for the timeline of trying to                | 16       | that's based on the incorporation of energy                               | 17.23.00    |
| 17    | figure out how to how long it was going to                    | 17       | storage.                                                                  |             |
| 18    | take to put up a project. And these things                    | 18       | Q. If you look down underneath, let's                                     |             |
| 19    | have to be done before any construction can                   | 19       | just pick the first number underneath April                               |             |
| 20    | occur. And from here forward, the estimate was 14:22:43       | 20       | 2011 for the feasibility studies. Do you see                              | 14:25:26    |
| 21    | three months once all of this is done.                        | 21       | the number 20 there? Do you see that?                                     |             |
| 22    | Q. Three months for what? What's                              | 22       | A. Yes.                                                                   |             |
| 23    | A. To put up a wind and solar install                         | 23       | Q. What does that mean?                                                   |             |
|       |                                                               |          | •                                                                         |             |
| 24    | of roughly 40 that's 38 megawatts. Three is                   | 24       | A. Means that it would cost \$20,000 to                                   | 14:25:37    |

11 (Pages 38 to 41)

| ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Page 42                                                                                                                                                                                   |                                                                                                                     | Page 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Q. Who determined that it would                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ld cost                                                                                                                                                                                   | 1                                                                                                                   | Q. What does - who are all-electric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2 \$20,000 to do that?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                           | 2                                                                                                                   | customers?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <ol> <li>A. Renewable Energy Services.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                           | 3                                                                                                                   | A. I really don't know. There are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 4 Q. Do you know how that figur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | e was                                                                                                                                                                                     | 4                                                                                                                   | several rates that pertain to different                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5 generated or derived?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 14:25:49                                                                                                                                                                                  | 5                                                                                                                   | electric-use customers, such as all such as 14:28:08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 6 A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                           | 6                                                                                                                   | space heating, water heating; those have the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 7 Q. Let's go to the figure under A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                           | 7                                                                                                                   | largest numbers. I'm not sure exactly what                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 8 2011, the system impact studies. Wh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | nat does                                                                                                                                                                                  | 8                                                                                                                   | "all-electric" truly does mean in terms of the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 9 that 25 mean?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                           | 9                                                                                                                   | total number of customers. And again, that's a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4:26:02                                                                                                                                                                                   | 10                                                                                                                  | point where we really need to talk with 14:28:28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 11 Q. For what?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                           | 11                                                                                                                  | FirstEnergy to get that information.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 12 A. For completion of a system i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                           | 12                                                                                                                  | Q. What rates or tariff schedules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 13 study. And I don't really know what                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                           | 13                                                                                                                  | would you classify as being all-electric?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 14 study is, if that's an environmental st                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                           | 14                                                                                                                  | A. The ones that I used in calculating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 15 But environmental constraint study is                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                           | 15                                                                                                                  | the first portion of Exhibit B, page 2, where 14:28:43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 16 "Permitting," so I'm not sure what a s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | system                                                                                                                                                                                    | 16                                                                                                                  | the CEI, Ohio Edison and Toledo Edison are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 17 impact study is.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | _                                                                                                                                                                                         | 17                                                                                                                  | listed here with the space heat, the water heat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 18 Q. Who generated the \$25,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ngure                                                                                                                                                                                     | 18                                                                                                                  | and optional electric heating. And those came                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 19 that appears there?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 41 14.07.00                                                                                                                                                                               |                                                                                                                     | from for CEI, again, those were schedules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 20 A. Renewable Energy Services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | And 14:26:27                                                                                                                                                                              | 20                                                                                                                  | that came from it says sheet number 14, and 14:29:04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 21 again, they generated this sheet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.1                                                                                                                                                                                       | 21                                                                                                                  | <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 22 Q. So, if I ask you who generate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                           | 22                                                                                                                  | OE, that would come from sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 23 figures that are the cost figures tha                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                           | 23                                                                                                                  | what was the that was sheet 11. And sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 24 listed in any of those block of rows, t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                           |                                                                                                                     | - let's see what that is - 18. And then,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 25 answer would be Renewable Energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Services? 14:26:45                                                                                                                                                                        | ۷٥                                                                                                                  | from TE, those are sheets that was a sum, so 14:29:26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Page 43                                                                                                                                                                                   |                                                                                                                     | Page 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1 A. That's correct.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                           | 1                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                           | _                                                                                                                   | that was sheet 17 and 18. Also, sheet 15 and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2 Q. Let's look to the second pa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ge of                                                                                                                                                                                     | 2                                                                                                                   | 16. And then, we have another one of sheet 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3 Exhibit B. Who put these tables to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                           | 2                                                                                                                   | 16. And then, we have another one of sheet 11 and 13. So, those are all the different tariff                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 3 Exhibit B. Who put these tables to 4 A. I did.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | gether?                                                                                                                                                                                   |                                                                                                                     | 16. And then, we have another one of sheet 11 and 13. So, those are all the different tariff sheets I used to used my come up with the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 3 Exhibit B. Who put these tables to 4 A. I did. 5 Q. And where did you take the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | gether?<br>lese I 14:27:03                                                                                                                                                                | 3<br>4<br>5                                                                                                         | 16. And then, we have another one of sheet 11 and 13. So, those are all the different tariff sheets I used to used my come up with the all-electric assumption. 14:29:51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3 Exhibit B. Who put these tables to 4 A. I did. 5 Q. And where did you take th 6 guess starting with the number of c                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | gether?<br>lese I 14:27:03<br>lustomers                                                                                                                                                   | 3<br>4<br>5<br>6                                                                                                    | 16. And then, we have another one of sheet 11 and 13. So, those are all the different tariff sheets I used to used my come up with the all-electric assumption. 14:29:51 MR. GARBER: And we should say that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3 Exhibit B. Who put these tables to 4 A. I did. 5 Q. And where did you take th 6 guess starting with the number of c 7 that we've already walked through,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | gether?<br>lese I 14:27:03<br>lustomers                                                                                                                                                   | 3<br>4<br>5<br>6<br>7                                                                                               | 16. And then, we have another one of sheet 11 and 13. So, those are all the different tariff sheets I used to used my come up with the all-electric assumption. 14:29:51  MR. GARBER: And we should say that the record should reflect that Colleen has left                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 3 Exhibit B. Who put these tables to 4 A. I did. 5 Q. And where did you take th 6 guess starting with the number of c 7 that we've already walked through, 8 you get those numbers from?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | gether?<br>lese I 14:27:03<br>sustomers<br>where did                                                                                                                                      | 3<br>4<br>5<br>6<br>7<br>8                                                                                          | 16. And then, we have another one of sheet 11 and 13. So, those are all the different tariff sheets I used to used my come up with the all-electric assumption. 14:29:51  MR. GARBER: And we should say that the record should reflect that Colleen has left the room to take a phone call.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3 Exhibit B. Who put these tables to 4 A. I did. 5 Q. And where did you take th 6 guess starting with the number of c 7 that we've already walked through, 8 you get those numbers from? 9 A. These came from the staff                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | gether?  lese I 14:27:03  sustomers where did  report.                                                                                                                                    | 3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | 16. And then, we have another one of sheet 11 and 13. So, those are all the different tariff sheets I used to used my come up with the all-electric assumption. 14:29:51  MR. GARBER: And we should say that the record should reflect that Colleen has left the room to take a phone call.  Dave, are you still on the call?                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3 Exhibit B. Who put these tables to 4 A. I did. 5 Q. And where did you take th 6 guess starting with the number of c 7 that we've already walked through, 8 you get those numbers from? 9 A. These came from the staff 10 Q. In 10-176?                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | gether?<br>lese I 14:27:03<br>sustomers<br>where did                                                                                                                                      | 3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | 16. And then, we have another one of sheet 11 and 13. So, those are all the different tariff sheets I used to used my come up with the all-electric assumption. 14:29:51  MR. GARBER: And we should say that the record should reflect that Colleen has left the room to take a phone call.  Dave, are you still on the call?  MR. RINEBOLT: I am. Thank you. 14:30:0                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| 3 Exhibit B. Who put these tables to 4 A. I did. 5 Q. And where did you take th 6 guess starting with the number of c 7 that we've already walked through, 8 you get those numbers from? 9 A. These came from the staff 10 Q. In 10-176? 11 A. Yes. 12 And these were just simply                                                                                                                                                                                                                                                                                                                                                                                                                                     | gether?  lese I 14:27:03  lustomers where did  report. 14:27:17  copied                                                                                                                   | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12                                                                   | 16. And then, we have another one of sheet 11 and 13. So, those are all the different tariff sheets I used to used my come up with the all-electric assumption. 14:29:51  MR. GARBER: And we should say that the record should reflect that Colleen has left the room to take a phone call.  Dave, are you still on the call?  MR. RINEBOLT: I am. Thank you. 14:30:0  MR. GARBER: Is it okay if we continue? I think she just stepped out for a                                                                                                                                                                                                                                                                                                                                        |
| 3 Exhibit B. Who put these tables to 4 A. I did. 5 Q. And where did you take th 6 guess starting with the number of c 7 that we've already walked through, 8 you get those numbers from? 9 A. These came from the staff 10 Q. In 10-176? 11 A. Yes. 12 And these were just simply 13 from the information that was filed                                                                                                                                                                                                                                                                                                                                                                                              | gether?  lese I 14:27:03  sustomers where did  report. 14:27:17  copied in the                                                                                                            | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                             | 16. And then, we have another one of sheet 11 and 13. So, those are all the different tariff sheets I used to used my come up with the all-electric assumption. 14:29:51  MR. GARBER: And we should say that the record should reflect that Colleen has left the room to take a phone call.  Dave, are you still on the call?  MR. RINEBOLT: I am. Thank you. 14:30:0  MR. GARBER: Is it okay if we continue? I think she just stepped out for a moment.                                                                                                                                                                                                                                                                                                                                |
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12 (Pages 42 to 45)

| 1                                                                                                                        | Page 46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                          | Page 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                          | had a very - with the new 88,000, it looked                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                                        | most part. Add in the solar credits and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2                                                                                                                        | like they had added together all of these. And                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2                                                                                                                        | accelerated depreciation I'm sorry.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3                                                                                                                        | I don't know if there's an opportunity for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3                                                                                                                        | Accelerated depreciation isn't there. It's                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 4                                                                                                                        | double counting or not, so that's why I just                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ∡                                                                                                                        | just the solar and the cost of the generation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 5                                                                                                                        | simply just used water and space. 14:30:52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5                                                                                                                        | comes out to 5 cents when we offset the actual 14:33:50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 6                                                                                                                        | Q. If you could turn to page 5 of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6                                                                                                                        | price of what it is to generate with the value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 7                                                                                                                        | Exhibit A, your pre-filed testimony. And if                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7                                                                                                                        | that's received from the sale of the solar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 8                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 9                                                                                                                        | you look at the sentence starting on line 22, and then it continues onto the next page, let                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | _                                                                                                                        | RECs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 10                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 9                                                                                                                        | Q. On page 6, line 1, you mentioned investment tax credits. Were investment tax 14:34:10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 11                                                                                                                       | me know when you've had a chance to review 14:31:36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 12                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11                                                                                                                       | credits included in the calculation that led to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1                                                                                                                        | A. I've had a chance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12                                                                                                                       | the 5 cents per kilowatt hour?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 13                                                                                                                       | Q. What do you mean when you say "the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 13                                                                                                                       | A. I think the investment tax credits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 14                                                                                                                       | sale of renewable energy credits"? What are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 14                                                                                                                       | have been included in that total price,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 15                                                                                                                       | renewable energy credits? 14:31:56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 15                                                                                                                       | accelerated depreciation was not. 14:34:26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| [16                                                                                                                      | A. Those are RECs. We have two types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16                                                                                                                       | Q. Do you know what figure was used by                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 17                                                                                                                       | in Ohio, we have renewable energy credits that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 17                                                                                                                       | Renewable Energy Services for investment tax                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 18                                                                                                                       | are non-solar and we have solar renewable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18                                                                                                                       | credits?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 19                                                                                                                       | energy credits.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 19                                                                                                                       | A. I assume it's the 30 percent ITC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 20                                                                                                                       | Q. Have you determined whether have 14:32:09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20                                                                                                                       | Q. And why do you assume that? 14:34:41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 21                                                                                                                       | you calculated the amount of revenue that would                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 21                                                                                                                       | A. That's federal renewable incentive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 22                                                                                                                       | be produced by the sale of renewable energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 22                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 23                                                                                                                       | credits in connection with your proposal in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 23                                                                                                                       | came under the American Recovery Reinvestment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 24                                                                                                                       | this case?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 24                                                                                                                       | Act or not, but it's a federal incentive for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 25                                                                                                                       | A. I have not. 14:32:20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 25                                                                                                                       | renewable project development. 14:35:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                          | Page 47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                          | Page 49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                          | rage 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1                                                                                                                        | Q. Has anyone?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                                                                                                                        | Q. Do you know whether they used the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1 2                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 2                                                                                                                      | Q. Do you know whether they used the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                          | A. That would have been done by                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                          | Q. Do you know whether they used the 30 percent figure for that?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2                                                                                                                        | A. That would have been done by<br>Renewable Energy Services as part of their all                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2                                                                                                                        | <ul><li>Q. Do you know whether they used the</li><li>30 percent figure for that?</li><li>A. 1 think they did. I cannot truly</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2                                                                                                                        | A. That would have been done by Renewable Energy Services as part of their all cost — their generated power price of 5 cents.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                        | Q. Do you know whether they used the 30 percent figure for that?  A. 1 think they did. I cannot truly say yes or no.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2<br>3<br>4                                                                                                              | A. That would have been done by Renewable Energy Services as part of their all cost – their generated power price of 5 cents. Q. Do you know what revenue figure 14:32:33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2<br>3<br>4                                                                                                              | Q. Do you know whether they used the 30 percent figure for that?  A. 1 think they did. I cannot truly say yes or no.  Q. For renewable production credits, 14:35:09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2<br>3<br>4<br>5                                                                                                         | A. That would have been done by Renewable Energy Services as part of their all cost their generated power price of 5 cents. Q. Do you know what revenue figure 14:32:33 Renewable Energy Services derived from for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2<br>3<br>4<br>5                                                                                                         | Q. Do you know whether they used the 30 percent figure for that?  A. 1 think they did. I cannot truly say yes or no.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2<br>3<br>4<br>5<br>6                                                                                                    | A. That would have been done by Renewable Energy Services as part of their all cost — their generated power price of 5 cents. Q. Do you know what revenue figure 14:32:33 Renewable Energy Services derived from — for analyzing this proposal and the sale of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2<br>3<br>4<br>5<br>6                                                                                                    | Q. Do you know whether they used the 30 percent figure for that? A. I think they did. I cannot truly say yes or no. Q. For renewable production credits, 14:35:09 do you know what figure Renewable Energy Services used for that?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2<br>3<br>4<br>5<br>6<br>7                                                                                               | A. That would have been done by Renewable Energy Services as part of their all cost — their generated power price of 5 cents. Q. Do you know what revenue figure 14:32:33 Renewable Energy Services derived from — for analyzing this proposal and the sale of renewable energy credits?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2<br>3<br>4<br>5<br>6<br>7                                                                                               | Q. Do you know whether they used the 30 percent figure for that? A. I think they did. I cannot truly say yes or no. Q. For renewable production credits, 14:35:09 do you know what figure Renewable Energy Services used for that? A. Well, with this sentence, those are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                          | A. That would have been done by Renewable Energy Services as part of their all cost — their generated power price of 5 cents. Q. Do you know what revenue figure 14:32:33 Renewable Energy Services derived from — for analyzing this proposal and the sale of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                          | Q. Do you know whether they used the 30 percent figure for that?  A. I think they did. I cannot truly say yes or no.  Q. For renewable production credits, 14:35:09 do you know what figure Renewable Energy Services used for that?  A. Well, with this sentence, those are commas and doesn't necessarily mean that all of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2 3 4 5 6 7 8 9                                                                                                          | A. That would have been done by Renewable Energy Services as part of their all cost — their generated power price of 5 cents. Q. Do you know what revenue figure 14:32:33 Renewable Energy Services derived from — for analyzing this proposal and the sale of renewable energy credits? A. I'm sorry? When you say "derived,"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | Q. Do you know whether they used the 30 percent figure for that?  A. I think they did. I cannot truly say yes or no.  Q. For renewable production credits, 14:35:09 do you know what figure Renewable Energy Services used for that?  A. Well, with this sentence, those are commas and doesn't necessarily mean that all of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21             | A. That would have been done by Renewable Energy Services as part of their all cost — their generated power price of 5 cents.  Q. Do you know what revenue figure 14:32:33 Renewable Energy Services derived from — for analyzing this proposal and the sale of renewable energy credits?  A. I'm sorry? When you say "derived," do you mean the number that they came up with? 14:32:50 Q. Yeah.  Let me ask it this way: Do you know what number Renewable Energy Services used to represent the sale of renewable energy credits? 14:33:02  A. I recall that they had used \$125 per megawatt. I don't know if that's what was — I've never seen their calculation for their all-in price of 5 cents for generation.  Q. What do you mean you never saw 14:33:16 their all-in calculation?                                                                                    | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21             | Q. Do you know whether they used the 30 percent figure for that?  A. I think they did. I cannot truly say yes or no.  Q. For renewable production credits, 14:35:09 do you know what figure Renewable Energy Services used for that?  A. Well, with this sentence, those are commas and doesn't necessarily mean that all of these were considered. My understanding is, 14:35:27 that you have a choice between an ITC or an RPC, so I'm not sure. It's one of those. And it depends upon the project, if it's an ITC or RPC and who actually owns it. So, in this case it's one or the other. 14:35:47  Q. And RPC refers to renewable production credits?  A. That's correct.  Q. Do you know whether it was the ITC or the RPC that was used in the calculation by 14:35:56 Renewable Energy Services?                                  |
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13 (Pages 46 to 49)

|                                                                                                                                | Dona #A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                          | Page 52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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|                                                                                                                                | Page 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1                                                                                                                              | A. Accelerated depreciation is one                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                        | number that is how many that we could actually                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2                                                                                                                              | that I mean. That would not include it into                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                                                                                                        | power. And that happened to be correlated to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 3                                                                                                                              | the project cost, that would be a value stream                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3                                                                                                                        | what we expect to be the number of low-income                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4                                                                                                                              | that comes back. And when I say it "comes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4                                                                                                                        | customers in the all-electric. So, all we were                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 5                                                                                                                              | back," that money can go into the energy 14:36:22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5                                                                                                                        | saying is: Here's a carve-out. Could we try 14:39:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 6                                                                                                                              | efficiency measures that we would implement and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6                                                                                                                        | it as a pilot and see if this works? And if it                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 7                                                                                                                              | the where am I? "Economic development                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7                                                                                                                        | does then, going forward, is it possible to try                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 8                                                                                                                              | incentives," that actually refers to available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8                                                                                                                        | to do some other projects that are similar to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 9                                                                                                                              | state potential, available state moneys such as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 9                                                                                                                        | this, where you don't have to have long-term                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 10                                                                                                                             | the State Energy Program, the Third Frontier 14:36:41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10                                                                                                                       | viability through continued rate payer 14:39:42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 11                                                                                                                             | Program, Advanced Energy Program in Ohio, and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 11                                                                                                                       | subsidization?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 12                                                                                                                             | if there's any federal programs that we could                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 12                                                                                                                       | Q. When you say let's see if this                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 13                                                                                                                             | apply for as well.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 13                                                                                                                       | works - I think, to paraphrase what you said                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 14                                                                                                                             | Q. Do you know how much revenue or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 14                                                                                                                       | referring to the project what do you mean by                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 15                                                                                                                             | value how much value could be derived from 14:37:02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 15                                                                                                                       | that? What would it mean for the project to 14:39:51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 16                                                                                                                             | those applications in connection with the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16                                                                                                                       | work?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 17                                                                                                                             | project that you're proposing?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 17                                                                                                                       | A. That we're able that the price                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 18                                                                                                                             | A. We have no idea,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18                                                                                                                       | of power that people are paying is actually                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 19                                                                                                                             | Q. If you look down a little bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 19                                                                                                                       | lower for the all-electric and is not that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 20                                                                                                                             | further on page 6, on line 16, the sentence 14:37:21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20                                                                                                                       | that differential is not being subsidized by 14:40:07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 21                                                                                                                             | that starts: "Because Ohio has little                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 21                                                                                                                       | other rate payers that are non all-electric.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 22                                                                                                                             | installed solar capacity." What's the basis of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 22                                                                                                                       | Q. What would all-electric PIPP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 23                                                                                                                             | that sentence there?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 23                                                                                                                       | customers have to pay for generation under your                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 24                                                                                                                             | A. Ohio doesn't have much installed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 24                                                                                                                       | proposal?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 25                                                                                                                             | solar, and the State of Ohio requires a portion 14:37:37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 25                                                                                                                       | A. We're looking at a 35 percent 14:40:24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ı                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | i                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1                                                                                                                              | Page 51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                          | Page 53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1 2                                                                                                                            | of the solar REC to be met with in-state solar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | _                                                                                                                        | reduction once the with the energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1                                                                                                                              | of the solar REC to be met with in-state solar production. And from the laws of supply and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1<br>2<br>3                                                                                                              | reduction once the with the energy efficiency and weatherization included.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2                                                                                                                              | of the solar REC to be met with in-state solar production. And from the laws of supply and demand, when you're in short supply, you have a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2                                                                                                                        | reduction once the with the energy efficiency and weatherization included. Without the energy efficiency and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2 3 4                                                                                                                          | of the solar REC to be met with in-state solar production. And from the laws of supply and demand, when you're in short supply, you have a high demand, which equals a high price.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2<br>3<br>4                                                                                                              | reduction once the with the energy efficiency and weatherization included. Without the energy efficiency and weatherization included, we're looking at a 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2                                                                                                                              | of the solar REC to be met with in-state solar production. And from the laws of supply and demand, when you're in short supply, you have a high demand, which equals a high price.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2<br>3<br>4<br>5                                                                                                         | reduction once the with the energy efficiency and weatherization included. Without the energy efficiency and weatherization included, we're looking at a 20 percent reduction.  14:40:37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2<br>3<br>4<br>5                                                                                                               | of the solar REC to be met with in-state solar production. And from the laws of supply and demand, when you're in short supply, you have a high demand, which equals a high price.  Q. Do you know what the price is? 14:37:55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2<br>3<br>4                                                                                                              | reduction once the with the energy efficiency and weatherization included. Without the energy efficiency and weatherization included, we're looking at a 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2<br>3<br>4<br>5<br>6                                                                                                          | of the solar REC to be met with in-state solar production. And from the laws of supply and demand, when you're in short supply, you have a high demand, which equals a high price.  Q. Do you know what the price is? 14:37:55  A. No. I don't. I know what the ACAP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2<br>3<br>4<br>5<br>6                                                                                                    | reduction once the with the energy efficiency and weatherization included. Without the energy efficiency and weatherization included, we're looking at a 20 percent reduction. 14:40:37  Q. Where did those figures come from?  A. Those came from the 5 cents of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2<br>3<br>4<br>5<br>6<br>7                                                                                                     | of the solar REC to be met with in-state solar production. And from the laws of supply and demand, when you're in short supply, you have a high demand, which equals a high price.  Q. Do you know what the price is?  A. No. I don't. I know what the ACAP price is, and that's \$425. So, if the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2<br>3<br>4<br>5<br>6<br>7                                                                                               | reduction once the with the energy efficiency and weatherization included. Without the energy efficiency and weatherization included, we're looking at a 20 percent reduction.  Q. Where did those figures come from?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                           | of the solar REC to be met with in-state solar production. And from the laws of supply and demand, when you're in short supply, you have a high demand, which equals a high price.  Q. Do you know what the price is? 14:37:55  A. No. I don't. I know what the ACAP price is, and that's \$425. So, if the utilities do not meet their in-state solar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                          | reduction once the with the energy efficiency and weatherization included. Without the energy efficiency and weatherization included, we're looking at a 20 percent reduction. 14:40:37  Q. Where did those figures come from?  A. Those came from the 5 cents of generated power versus the .615 the 6.15 however that is and then, the percentage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14                                                             | of the solar REC to be met with in-state solar production. And from the laws of supply and demand, when you're in short supply, you have a high demand, which equals a high price.  Q. Do you know what the price is? 14:37:55  A. No. I don't. I know what the ACAP price is, and that's \$425. So, if the utilities do not meet their in-state solar requirement, then they are to pay \$425 for, I think it is — I'm not sure if it's 2010 that 14:38:12 425 is associated with, or 2011. But we can always pull that chart.  Q. What chart?  A. There's an alternative compliance                                                                                                                                                                                                                                                                                                                                                                                                                 | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14                                                       | reduction once the with the energy efficiency and weatherization included. Without the energy efficiency and weatherization included, we're looking at a 20 percent reduction. 14:40:37  Q. Where did those figures come from?  A. Those came from the 5 cents of generated power versus the .615 the 6.15 however that is and then, the percentage savings from energy efficiency and home weatherization measures. And if you take 20 percent off of the generation price of the 5 cents, brings you down to a price of 4 cents, which is a 35 percent reduction from the 6.15                                                                                                                                                                                                                                                                                        |
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| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                                                 | of the solar REC to be met with in-state solar production. And from the laws of supply and demand, when you're in short supply, you have a high demand, which equals a high price.  Q. Do you know what the price is? 14:37:55  A. No. I don't. I know what the ACAP price is, and that's \$425. So, if the utilities do not meet their in-state solar requirement, then they are to pay \$425 for, I think it is — I'm not sure if it's 2010 that 14:38:12 425 is associated with, or 2011. But we can always pull that chart.  Q. What chart?  A. There's an alternative compliance payment schedule that's available by year of 14:38:27                                                                                                                                                                                                                                                                                                                                                           | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                                           | reduction once the with the energy efficiency and weatherization included. Without the energy efficiency and weatherization included, we're looking at a 20 percent reduction. 14:40:37  Q. Where did those figures come from?  A. Those came from the 5 cents of generated power versus the .615 the 6.15 however that is and then, the percentage savings from energy efficiency and home weatherization measures. And if you take 20 percent off of the generation price of the 5 cents, brings you down to a price of 4 cents, which is a 35 percent reduction from the 6.15 cents. 14:41:14                                                                                                                                                                                                                                                                        |
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| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18                                     | of the solar REC to be met with in-state solar production. And from the laws of supply and demand, when you're in short supply, you have a high demand, which equals a high price.  Q. Do you know what the price is? 14:37:55  A. No. I don't. I know what the ACAP price is, and that's \$425. So, if the utilities do not meet their in-state solar requirement, then they are to pay \$425 for, I think it is — I'm not sure if it's 2010 that 14:38:12 425 is associated with, or 2011. But we can always pull that chart.  Q. What chart?  A. There's an alternative compliance payment schedule that's available by year of 14:38:27 what the alternative compliance payment is, and it starts at 425, I think, and then continuously decreases.                                                                                                                                                                                                                                               | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18                               | reduction once the with the energy efficiency and weatherization included. Without the energy efficiency and weatherization included, we're looking at a 20 percent reduction. 14:40:37  Q. Where did those figures come from?  A. Those came from the 5 cents of generated power versus the .615 the 6.15 however that is and then, the percentage savings from energy efficiency and home 14:40:55 weatherization measures. And if you take 20 percent off of the generation price of the 5 cents, brings you down to a price of 4 cents, which is a 35 percent reduction from the 6.15 cents. 14:41:14  Q. Is that calculation reflected in your pre-filed testimony anywhere?  A. No.                                                                                                                                                                               |
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14 (Pages 50 to 53)

|     | Page 54                                                 |    | Page 56                                                 |
|-----|---------------------------------------------------------|----|---------------------------------------------------------|
| 1   | talk with FirstEnergy and get some more                 | 1  | to that information.                                    |
| 2   | hardcore numbers. And there's really not much           | 2  | Q. Why does OPAE use the 1,400?                         |
| 3   | point in trying to get truly correct numbers.           | 3  | A. We found that to be a good proxy.                    |
| 4   | Meaning that they're actually: This is what             | 4  | Q. How did OPAE find that to be a good                  |
| 5   | everything is right now at this point in time. 14:41:58 | 5  | proxy? 14:44:33                                         |
| 6   | That takes a lot of time, and it takes people           | 6  | A. I don't know. We'll have to we                       |
| 7   | sitting down at a table, and we have not had            | 7  | can check with OPAE on that one.                        |
| 8   | the opportunity to do that yet.                         | 8  | Q. In your testimony, you talk about                    |
| و ا | Q. How would all-electric PIPP                          | 9  | using excess revenue for weatherization.                |
| 10  | customers enroll in the program that you're 14:42:12    | 10 | A. Yes. 14:44:49                                        |
| 11  | proposing?                                              | 11 | Q. What basis do you have to think                      |
| 12  | A. I don't know. We haven't gotten                      | 12 | that the project you're proposing would                 |
| 13  | that far.                                               | 13 | generate excess revenue?                                |
| 14  | Q. Who would administer that program?                   | 14 | A. The accelerated depreciation could                   |
| 15  | A. OPAE. 14:42:23                                       | 15 | come back indirectly. No one has to actually 14:44:59   |
| 16  | Q. How long would it last?                              | 16 | have that benefit. So, the money that's saved           |
| 17  | A. It would I would assume it would                     | 17 | let's say there's \$30 million that comes in            |
| 18  | continue to last. Because what we're doing is           | 18 | as accelerated depreciation, that \$30 million          |
| 19  | putting in installed measures, and there's no           | 19 | could be turned into energy efficiency and home         |
| 20  | reason why that wouldn't last so that the 14:42:40      | 20 | weatherization measures because the project is 14:45:15 |
| 21  | continued price of power would be from what             | 21 | not including that.                                     |
| 22  | the generated price of power from the project.          | 22 | Additionally, if additional revenue                     |
| 23  | Q. Would the program you're proposing                   | 23 | streams we considered if there was an award             |
| 24  | have to pass the Total Resource Cost Test?              | 24 | of any grants or project funding from the state         |
| 25  | A. With the power purchase agreement, 14:42:57          | 25 |                                                         |
|     | Page 55                                                 |    | Page 57                                                 |
| 1   | I don't think so. On the other hand, I don't            | 1  | considered a revenue stream and would come back         |
| 2   | know if I'm not familiar enough with the                | 2  | in to fund the continued energy efficiency and          |
| 3   | rules if this is actually has to go back to             | 3  | weatherization.                                         |
| 4   | the rules or not, of: Does this have to go              | 4  | Q. How much excess revenue would be                     |
| 5   | into your integrated resource portfolio. I 14:43:18     | 5  | generated? 14:45:44                                     |
| 6   | don't know.                                             | 6  | A. We have no idea.                                     |
| 7   | Q. What is the total load we're                         | 7  | Q. And what would your proposal be                      |
| 8   | talking about with the all-electric PIPP                | 8  | with respect to weatherization if there was no          |
| 9   | customers?                                              | 9  | excess revenue?                                         |
| 10  | A. The total load we assume let me 14:43:32             | 10 | A. There will be, though. Just from 14:46:07            |
| 11  | see what I put on that attachment B.                    | 11 | the simple accelerated depreciation, there is.          |
| 12  | I didn't put anything on there.                         | 12 | Q. Can you explain that to me a little                  |
| 13  | We're assuming 1,400 kilowatt hours                     | 13 | bit more?                                               |
| 14  | per month per customer. So, if we take the              | 14 | A. The feds have approved any costs                     |
| 15  | 1,400 kilowatt hours times 16,000 customers, 14:43:54   | 15 | that are associated with renewable projects. I 14:46:19 |
| 16  | that's the total load we're talking about.              | 16 | don't know the details of it, but there's 100           |
| 17  | Q. Who decided that that would be the                   | 17 | percent allowed recovery up until January 1st,          |
| 18  | assumption that would be made with respect to           | 18 | 2012. So, all that money would simply be a tax          |
| 19  | the load?                                               | 19 | write-off. That write-off – the recognized              |
| 20  | A. OPAE OPAE uses that number for 14:44:04              | 20 | value that comes out of that could then be put 14:46:38 |
| 21  | all-electric. And we use that number – the              | 21 | in, considered a revenue, and that money would          |
| 22  | 1,400 is a year-round average. So, it's 1,400           | 22 | then be used for weatherization and energy              |
| 23  | for each month because there will we some               | 23 | efficiency.                                             |
| 24  | months that will be really high and some months         | 24 | Q. And what's the basis for — do you                    |
| 25  | that are really low, but we don't have access 14:44:19  | 25 | believe that the project you proposed would be 14:46:53 |

15 (Pages 54 to 57)

| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                     |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ow. I know one of them                                                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EI that said that they were                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | to serve them. I had read                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | file pieces filed in the,                                                                                                                                                                                           |
| 5 accelerated depreciation. 14:47:07 5 what was it, 61 pa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | l look at page 4 of your                                                                                                                                                                                            |
| 6. a 122 a Bar 3 a m a m a m a m a m a m a m a m a m a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                     |
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| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | hat you think that rates for                                                                                                                                                                                        |
| I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ners are below the cost of                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 14:50:13                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ying line 22 on page 4?                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                     |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | for one group of residential                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | the cost of the electricity,                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | - I'm just reading what it                                                                                                                                                                                          |
| ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3, and then on page 5, line                                                                                                                                                                                         |
| , , , , , , , , , , , , , , , , , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ne to just read the sentence?                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | and read it to yourself.                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | we it in mind, let me know. 14:50:40                                                                                                                                                                                |
| === · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | what this sentence is                                                                                                                                                                                               |
| 22 a dollar. If you use 1,500, your rate is 22 saying is, that it's t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | talking about inner-class                                                                                                                                                                                           |
| 23 reduced because you're using more. So, now you 23 rate subsidization,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                     |
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| 25 to 80 cents. 14:48:11 25 all-electric rates for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | or the all-electric 14:50:56                                                                                                                                                                                        |
| Page 59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Page 61                                                                                                                                                                                                             |
| 1 Q. Do you believe that the rate and 1 customers having                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | a lower rate that they pay                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | lectric residential rates.                                                                                                                                                                                          |
| 3 all-electric customers today is a declining 3 Q. Are non a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | all-electric residential                                                                                                                                                                                            |
| 4 block rate? 4 customers subsidi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | zing all-electric residential                                                                                                                                                                                       |
| 5 A. Yes. 14:48:23 5 customers?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 14:51:11                                                                                                                                                                                                            |
| 6 Q. Okay, Why is that? 6 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BER: I think we've been                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Do you need a break or                                                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                     |
| 9 Q. What's your basis for saying that? 9 anything?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NICCO. A burntamental by 14.51.00                                                                                                                                                                                   |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NESS: A break would be 14:51:29                                                                                                                                                                                     |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate 11 great.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                     |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate 12 structures. And you get this credit if you're 12 MR. GAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BER: Let's take a 10-minute                                                                                                                                                                                         |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate 12 structures. And you get this credit if you're 13 using 1,200 kilowatt hours and more I think 13 break.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | BER: Let's take a 10-minute                                                                                                                                                                                         |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate 12 structures. And you get this credit if you're 13 using 1,200 kilowatt hours and more I think 14 that was for OE and if you're using 2,250 14 Off the recommission's 14:48:35 10 THE WITH 11 great. 12 MR. GAR 13 break.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BER: Let's take a 10-minute                                                                                                                                                                                         |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate 11 great. 12 structures. And you get this credit if you're 12 MR. GAR 13 using 1,200 kilowatt hours and more I think 14 that was for OE and if you're using 2,250 14 Off the recommendation of the said | BER: Let's take a 10-minute cord.                                                                                                                                                                                   |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate 11 great. 12 structures. And you get this credit if you're 13 using 1,200 kilowatt hours and more I think 14 that was for OE and if you're using 2,250 15 kilowatt hours per month, then you get this 14:48:54 15 (Recess 16 additional reduction. So, as you're using 16 MR. GAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | BER: Let's take a 10-minute cord. s had.) 14:51:40 BER: Back on the record.                                                                                                                                         |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate 11 great. 12 structures. And you get this credit if you're 13 using 1,200 kilowatt hours and more I think 14 that was for OE and if you're using 2,250 15 kilowatt hours per month, then you get this 14:48:54 15 (Recess 16 additional reduction. So, as you're using 17 more you're actually being incentivised.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BER: Let's take a 10-minute cord. s had.) 14:51:40 BER: Back on the record. uld turn to your pre-filed                                                                                                              |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate 11 great. 12 structures. And you get this credit if you're 13 using 1,200 kilowatt hours and more I think 14 that was for OE and if you're using 2,250 15 kilowatt hours per month, then you get this 14:48:54 15 (Recess 16 additional reduction. So, as you're using 16 MR. GAR 17 more you're actually being incentivised. 17 Q. If you could 18 You're being incentivised to use more in order 18 testimony, page 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BER: Let's take a 10-minute cord. s had.) 14:51:40 BER: Back on the record. uld turn to your pre-filed                                                                                                              |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate 12 structures. And you get this credit if you're 13 using 1,200 kilowatt hours and more I think 14 that was for OE and if you're using 2,250 15 kilowatt hours per month, then you get this 14:48:54 15 (Recess 16 additional reduction. So, as you're using 17 more you're actually being incentivised. 17 Q. If you con 18 You're being incentivised to use more in order 19 to cut your rate. It's kind of like when we 19 A. Okay.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BER: Let's take a 10-minute cord. s had.)  BER: Back on the record. uld turn to your pre-filed                                                                                                                      |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate 11 great. 12 structures. And you get this credit if you're 13 using 1,200 kilowatt hours and more I think 14 that was for OE and if you're using 2,250 14 Off the red 15 kilowatt hours per month, then you get this 14:48:54 15 (Recess additional reduction. So, as you're using 16 MR. GAR 17 more you're actually being incentivised. 17 Q. If you con 18 You're being incentivised to use more in order 19 to cut your rate. It's kind of like when we 20 invest in our retirement account, we have to 14:49:08 20 Q. On lines 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BER: Let's take a 10-minute cord. s had.)  BER: Back on the record. uld turn to your pre-filed  through 4, you talk  14:59:29                                                                                       |
| 10 A. That would be in the Commission's 14:48:35 11 order that said: Here are your rate 12 structures. And you get this credit if you're 13 using 1,200 kilowatt hours and more I think 14 that was for OE and if you're using 2,250 15 kilowatt hours per month, then you get this 14:48:54 16 additional reduction. So, as you're using 16 MR. GAR 17 more you're actually being incentivised. 17 Q. If you compared to cut your rate. It's kind of like when we 19 to cut your rate. It's kind of like when we 20 invest in our retirement account, we have to 14:49:08 21 take out more in order to increase our take 21 about working for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BER: Let's take a 10-minute  cord. s had.) 14:51:40  BER: Back on the record. uld turn to your pre-filed  2 through 4, you talk 14:59:29 the Science Applications                                                   |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate structures. And you get this credit if you're 12 MR. GAR 13 using 1,200 kilowatt hours and more — I think 14 that was for OE — and if you're using 2,250 14 Off the red 15 kilowatt hours per month, then you get this 14:48:54 15 (Recess 16 additional reduction. So, as you're using 16 MR. GAR 17 more — you're actually being incentivised. 17 Q. If you could 18 You're being incentivised to use more in order 19 to cut your rate. It's kind of like when we 20 invest in our retirement account, we have to 14:49:08 21 take out more in order to increase our take 22 International Corp.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | BER: Let's take a 10-minute  cord. s had.) 14:51:40  BER: Back on the record. uld turn to your pre-filed  2 through 4, you talk 14:59:29 the Science Applications poration and the U.S.                             |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate 11 great.  12 structures. And you get this credit if you're 12 MR. GAR 13 using 1,200 kilowatt hours and more — I think 14 that was for OE — and if you're using 2,250 15 kilowatt hours per month, then you get this 14:48:54 15 (Recess 16 additional reduction. So, as you're using 16 MR. GAR 17 more — you're actually being incentivised. 17 Q. If you con 18 You're being incentivised to use more in order 19 to cut your rate. It's kind of like when we 20 invest in our retirement account, we have to 14:49:08 20 Q. On lines 21 take out more in order to increase our take 21 about working for 22 home. 23 Q. Are all-electric customers 24 Department of En                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BER: Let's take a 10-minute  cord. s had.) 14:51:40  BER: Back on the record. uld turn to your pre-filed . 2 through 4, you talk 14:59:29 the Science Applications poration and the U.S. lergy as a project manager |
| 10 A. That would be in the Commission's 14:48:35 10 THE WITH 11 order that said: Here are your rate 12 structures. And you get this credit if you're 13 using 1,200 kilowatt hours and more I think 14 that was for OE and if you're using 2,250 14 Off the received additional reduction. So, as you're using 16 MR. GAR 17 more you're actually being incentivised. 17 Q. If you con 18 You're being incentivised to use more in order 19 to cut your rate. It's kind of like when we 20 invest in our retirement account, we have to 14:49:08 21 take out more in order to increase our take 22 home. 23 Q. Are all-electric customers 24 currently paying less than it costs the 25 Department of En 24 between 2001 and 25 Department of En 24 Department of   | BER: Let's take a 10-minute  cord. s had.) BER: Back on the record. uld turn to your pre-filed  2 through 4, you talk the Science Applications poration and the U.S. lergy as a project manager 1 2004.             |
| 10 A. That would be in the Commission's 14:48:35 11 order that said: Here are your rate 12 structures. And you get this credit if you're 13 using 1,200 kilowatt hours and more I think 14 that was for OE and if you're using 2,250 15 kilowatt hours per month, then you get this 14:48:54 16 additional reduction. So, as you're using 16 MR. GAR 17 more you're actually being incentivised. 17 Q. If you conducted 18 You're being incentivised to use more in order 19 to cut your rate. It's kind of like when we 20 invest in our retirement account, we have to 14:49:08 21 take out more in order to increase our take 21 about working for 22 home. 23 Q. Are all-electric customers 25 Department of En                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | BER: Let's take a 10-minute  cord. s had.) 14:51:40  BER: Back on the record. uld turn to your pre-filed  2 through 4, you talk 14:59:29 the Science Applications poration and the U.S. lergy as a project manager  |

16 (Pages 58 to 61)

|                                                                                                                                | Page 62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                | Page 64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                                                                                              | Q. What were you doing as project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                              | being sold retail, or was it sort of still in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2                                                                                                                              | manager?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                                                                                                                              | the testing process?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 3                                                                                                                              | A. I managed the U.S. Department of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3                                                                                                                              | A. The vehicles were normal cars that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 4                                                                                                                              | Energy National Energy Technology Laboratory's                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4                                                                                                                              | required conversion. We designed the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 5                                                                                                                              | project of implementing alternative-fueled 14:59:58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5                                                                                                                              | conversion kit, then established the 15:02:32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 6                                                                                                                              | vehicles in India as a joint project with the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6                                                                                                                              | certification measures. We worked through the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 7                                                                                                                              | U.S. Agency for International Development.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7                                                                                                                              | stakeholder process to create the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 8                                                                                                                              | Q. So, if you look down on line 20 of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8                                                                                                                              | implementation acceptance of alternative-fueled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 9                                                                                                                              | page 2, when you talk about basically what you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 9                                                                                                                              | vehicles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 10                                                                                                                             | just said, I'm in charge of alternative fuel 15:00:16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10                                                                                                                             | Q. Have you ever been a have you 15:02:48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 11                                                                                                                             | implementation, you're talking about the same                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 11                                                                                                                             | ever managed a project like the one that you're                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 12                                                                                                                             | position?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12                                                                                                                             | proposing in your pre-file testimony in this                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 13                                                                                                                             | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 13                                                                                                                             | case?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 14                                                                                                                             | Now, on line 20, where it talks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 14                                                                                                                             | A. Yeah, My thesis in Alaska was a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 15                                                                                                                             | about the analytics, that was not that's not 15:00:27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 15                                                                                                                             | project for implementation of PEM, polymer 15:03:06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 16                                                                                                                             | project management. So, I answered your                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 16                                                                                                                             | electrolytic membrane fuel cells, for village                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 17                                                                                                                             | question in terms of project management, which                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 17                                                                                                                             | power applications. And what that was, it was                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 18                                                                                                                             | was the India project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 18                                                                                                                             | working with the Rural Alaska Village                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 19                                                                                                                             | Q. Is that the only project where                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 19                                                                                                                             | Cooperative Association and performing a cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 20                                                                                                                             | you've been project manager? 15:00:41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20                                                                                                                             | benefit analysis of alternative energies of 15:03:26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 21                                                                                                                             | A. In terms of like, in definition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 21                                                                                                                             | existing diesel generation and trying to come                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 22                                                                                                                             | of, like, an engineering project manager, yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 22                                                                                                                             | up with an alternative to the existing diesel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 23                                                                                                                             | Q. Have you been would you say that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 23                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 24                                                                                                                             | you've been project manager of any other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 24                                                                                                                             | fuel cell because that was the most comparable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 25                                                                                                                             | project in your career? 15:01:01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 25                                                                                                                             | And then, the rest of the project looked at the 15:03:42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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|                                                                                                                                | Page 63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                | Page 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22             | A. Can you define what you mean by "project manager"?  Q. I guess to the extent you use the term in your testimony, I mean, would you apply the project manager label to anything else that 15:01:10 you've done in your career?  A. The project manager from 2001 to 2004, there were two primary duties I had there. I left as a project manager and I entered as an analyst. I'm just adding 15:01:29 clarification there.  Q. So, what's the difference between the two positions?  A. The difference between the two positions is, that the project manager was the 15:01:43 title and that was my responsibility, was the alternative-fueled vehicle implementation in India.  Q. What was the goal of that project, alternative fuel implementation? 15:02:01  A. To implement CNG, which is compressed natural gas and liquified petroleum                                                   | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22             | implementation. And it was not cost feasible at that point in time. So, that was another huge one.  I was also in charge of I completed all my course work for my doctorate; and, as part of my studies for the doctorate, I led some research projects into looking at what to do with coal slag and different transportation networks. That I also worked in coordination with NETL, that's the National 15:04:16 Energy Technology Laboratory. At NETL, there, when I first joined, I was an analyst, and I was also managing the assessment of the natural gas infra-structure in the U.S., looking for the areas of constraint and non-constraint and 15:04:33 identifying where the areas of the nation needed to have more focus than not focus. So, I led that.  I managed the development of our national carbon climate change models that the U.S. now uses in terms of reviewing which existing models were there, working with the                                                                       |
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| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24 | A. Can you define what you mean by "project manager"?  Q. I guess to the extent you use the term in your testimony, I mean, would you apply the project manager label to anything else that 15:01:10 you've done in your career?  A. The project manager from 2001 to 2004, there were two primary duties I had there. I left as a project manager and I entered as an analyst. I'm just adding 15:01:29 clarification there.  Q. So, what's the difference between the two positions?  A. The difference between the two positions is, that the project manager was the 15:01:43 title and that was my responsibility, was the alternative-fueled vehicle implementation in India.  Q. What was the goal of that project, alternative fuel implementation? 15:02:01  A. To implement CNG, which is compressed natural gas and liquified petroleum gas, for automotive transportation uses in India. | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24 | implementation. And it was not cost feasible at that point in time. So, that was another huge one.  I was also in charge of I completed all my course work for my doctorate; and, as part of my studies for the doctorate, I led some research projects into looking at what to do with coal slag and different transportation networks. That I also worked in coordination with NETL, that's the National 15:04:16 Energy Technology Laboratory. At NETL, there, when I first joined, I was an analyst, and I was also managing the assessment of the natural gas infra-structure in the U.S., looking for the areas of constraint and non-constraint and 15:04:33 identifying where the areas of the nation needed to have more focus than not focus. So, I led that.  I managed the development of our national carbon climate change models that the U.S. now uses in terms of reviewing which existing models were there, working with the developers in trying to figure out which ones we should use the best. |
| 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 9 20 21 22 23                                                                       | A. Can you define what you mean by "project manager"?  Q. I guess to the extent you use the term in your testimony, I mean, would you apply the project manager label to anything else that 15:01:10 you've done in your career?  A. The project manager from 2001 to 2004, there were two primary duties I had there. I left as a project manager and I entered as an analyst. I'm just adding 15:01:29 clarification there.  Q. So, what's the difference between the two positions?  A. The difference between the two positions is, that the project manager was the 15:01:43 title and that was my responsibility, was the alternative-fueled vehicle implementation in India.  Q. What was the goal of that project, alternative fuel implementation? 15:02:01  A. To implement CNG, which is compressed natural gas and liquified petroleum gas, for automotive transportation uses in        | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23       | implementation. And it was not cost feasible at that point in time. So, that was another huge one.  I was also in charge of I completed all my course work for my doctorate; and, as part of my studies for the doctorate, I led some research projects into looking at what to do with coal slag and different transportation networks. That I also worked in coordination with NETL, that's the National 15:04:16 Energy Technology Laboratory. At NETL, there, when I first joined, I was an analyst, and I was also managing the assessment of the natural gas infra-structure in the U.S., looking for the areas of constraint and non-constraint and 15:04:33 identifying where the areas of the nation needed to have more focus than not focus. So, I led that.  I managed the development of our national carbon climate change models that the U.S. now uses in terms of reviewing which existing models were there, working with the developers in trying to figure out which ones                         |

17 (Pages 62 to 65)

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|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                      | Page 66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                      | Page 68                                                                                                                                                                                                                                                                                                                                                                     |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                            | wherein a utility was purchasing RECs or SRECs along with brown power?  A. No. Q. If you could turn to your resume on the back of Exhibit A. Under the Long-Term 15:05:21 Planning column at the top of, I guess, page 2 of the resume it's labelled page 2, but I think it's actually the first page. There's a 2 at the bottom of my copy.                                                                                                                                                      | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                            | A. There's other project I'm not managing any of them.  Q. If you look underneath Ohio Partners for Affordable Energy: "Develop, coordinate, and manage alternative energy projects." What are those projects?  A. To manage the project, we have to have it approved, and we haven't had our projects approved. So, I'm in the development                                 |
| 10<br>11<br>12<br>13<br>14                                           | A. Okay. 15:05:46 Q it says: "Alternative/Renewable Energy." A. Yes. Q. Why is that phrase on here?                                                                                                                                                                                                                                                                                                                                                                                               | 10<br>11<br>12<br>13<br>14                                           | and coordination stage right now.  Q. Have you ever managed an alternative energy project while at OPAE?  A. No.  Q. If you turn to the next page,                                                                                                                                                                                                                          |
| 15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24             | A. Because I did a cost benefit 15:05:52 analysis of alternative and renewable energy implementation, bringing it down to comparable BTUs of seaweed, which is part of bio-mass if you want to use it that way wind, solar, coal and natural gas, different types of 15:06:10 combustion processes, looking at what the prices would come out to be. Q. And when were you doing that? A. I did that as part of my master's,                                                                       | 15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24             | underneath of the U.S Department of Energy, National Energy Technology Laboratory heading. And the first line: "Project Manager alternative fuels implementation program," is this the India project that you were talking about earlier?  15:08:22  15:08:36  A. Yes. Q. Let's mark another exhibit. This will be Deposition Exhibit C.                                    |
| 25                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 25                                                                   | (Thereupon, Deposition Exhibit C, a                                                                                                                                                                                                                                                                                                                                         |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13    | the USDOE, Natural Energy Technology Lab. Q. Do you do that in your work for OPAE? A. Yes. Q. Tell me about that. 15:06:40 A. Well, this project is an example of that. So, when we're the world is changing and funds are drying up, and we've got to be a little more creative of what we can do. And there's also a large push for renewable energy 15:06:56 generation, and there's a lot of money out there that's available to try to get different technologies implemented. And I've been | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13    | Page 69  3-page packet with the header "Project Concept" at the top of the first page, was marked for purposes of identification.)  Q. I've just handed you Deposition Exhibit C. Do you recognize this document?  A. Yes. Q. What is it? A. This is a document that was sent to 15:09:36 the PUCO, specifically Tammy Turkley and Bob Fortney. Q. Is that Tammy Turkenton? |
| 14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25 | looking at ways to bring in community — well, renewable energy investment as a community — 15:07:13 energy program that encompasses energy efficiency. And energy efficiency in its own right is actually a renewable energy.  Q. So, what other alternative energy projects have you managed while you've been at OPAE?  A. That's not related to this case, though, is it?  Q. Well, I guess if you could answer                                                                                | 14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25 | A. Turkenton. I'm sorry. I have problems with names. 15:09:53  Q. When was it sent to Ms. Turkenton and Mr. Fortney?  A. December 21st. Q. 2010? A. Yes. 15:10:12 Q. How can you tell that? A. There's an e-mail that I have, that you might have, that has it's an e-mail string that has the dates on it. Q. Before we mark it, let me show you. 15:10:27                 |

18 (Pages 66 to 69)

| Page 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | T                    | Page 72                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Is this the e-mail string we're talking about?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                    | Q. So, does Exhibit D reflect the                                                                                                               |
| 2 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      | e-mails that you just mentioned that you had                                                                                                    |
| 3 Q. I'll mark this as deposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      | with Mr. Fortney?                                                                                                                               |
| 4 Exhibit D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4                    | A. Yes.                                                                                                                                         |
| 5 15:10:38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5                    | Q. Were there any other e-mails or 15:12:49                                                                                                     |
| 6 (Thereupon, Deposition Exhibit D, a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6                    | communications you had with Mr. Fortney that                                                                                                    |
| 7 7-page packet of a string of e-mails                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      | aren't reflected written communications that                                                                                                    |
| 8 beginning with an e-mail from Stacia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8                    | aren't reflected in this e-mail string?                                                                                                         |
| 9 Harper to David Rinebolt on January                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 9                    | A. There are no other written                                                                                                                   |
| 10 24th, 2011, was marked for purposes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10                   | communications that I'm aware of. 15:12:59                                                                                                      |
| 11 of identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 11                   | <ul><li>Q. So, what was the purpose of the</li></ul>                                                                                            |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      | meeting you had I'll just refer to them as                                                                                                      |
| 13 Q. So, where are you looking on                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      | "staff," and you know who I'm talking about,                                                                                                    |
| 14 Exhibit D to tell the date for this?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      | correct?                                                                                                                                        |
| 15 A. Page 3 says: From Stacia, sent 15:11:06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15                   | A. Yes. 15:13:12                                                                                                                                |
| 16 Tuesday, December 21st to Tammy, Bob Fortney,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16                   | Q. So, what was the purpose of the                                                                                                              |
| 17 Dave Rinebolt. And it says: "Attached is a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      | meeting you had with staff about this document?                                                                                                 |
| 18 project concept document we will be reviewing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18                   | A. We held the asked for the                                                                                                                    |
| 19 for today's meeting."                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      | meeting as a result of reaching out to                                                                                                          |
| Q. Who drafted – I'm talking about 15:11:20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | L                    | FirstEnergy. We had talked to FirstEnergy. 15:13:22                                                                                             |
| 21 Exhibit C now. Who drafted the that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      | There was an e-mail I sent to FirstEnergy, I                                                                                                    |
| 22 document? 23 A. I drafted the document. Dave                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      | think it was in October or early November, that                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      | we'd like to talk about this concept with someone. And we were referred to talk to the                                                          |
| 24 Rinebolt helped to edit it some. And there's 25 some information that I put in here from 15:11:33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      | Commission and Kevin Warvell. So, I sent an 15:13:38                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | +                    |                                                                                                                                                 |
| Page 71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      | Page 73                                                                                                                                         |
| 1 Renewable Energy Services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      | e-mail to Kevin, never heard anything back, and                                                                                                 |
| 2 Q. Did you ever discuss this document                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      | we filed with the Commission.                                                                                                                   |
| 3 with Ms. Turkenton and Mr. Fortney?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3                    | Q. Did you contact anyone else at                                                                                                               |
| 4 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      | FirstEnergy about Exhibit C or the proposal                                                                                                     |
| Q. When did you discuss it with them? 15:11:44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      | that's reflected? 15:13:55                                                                                                                      |
| 6 A. I need to go back to Exhibit D to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6                    | A. Just the e-mail that was initially                                                                                                           |
| 7 see when I guess that would have been that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      | sent, and I don't recall the person who I sent                                                                                                  |
| 8 day, December 21st, when they received it. 9 Because it says that: Attached is the concept                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9                    | that to.  Q. But it was after you sent that                                                                                                     |
| 9 Because it says that: Attached is the concept 10 document we will be reviewing for today's 15:12:02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      | e-mail that you followed up with Mr. Warvell? 15:14:06                                                                                          |
| 11 meeting. So, that would have been December                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 11                   | A. Correct.                                                                                                                                     |
| 12 21st.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12                   | Q. How long did you talk with staff                                                                                                             |
| 13 Q. Did you guys have an in-person                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      | during the meeting that's referenced in the                                                                                                     |
| 14 meeting about this document?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      | e-mail chain?                                                                                                                                   |
| 15 A. No. We had it on the phone. 15:12:13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15                   | A. Probably 30 minutes. 15:14:17                                                                                                                |
| 16 Q. Do you remember how – did you have                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 16                   | Q. And what was the nature of that                                                                                                              |
| 17 any other discussions, either on the phone or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                    | discussion?                                                                                                                                     |
| i - · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18                   | A. To go over this document that we                                                                                                             |
| • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · • · | 1                    | put together to discuss the idea of combining                                                                                                   |
| 18 in person, with Ms. Turkenton or Mr. Fortney                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 19                   | put together to discuss the idea of combining                                                                                                   |
| 18 in person, with Ms. Turkenton or Mr. Fortney                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                                                                                                                                                 |
| <ul> <li>in person, with Ms. Turkenton or Mr. Fortney</li> <li>about the proposal that's reflected in that</li> <li>document?</li> <li>15:12:27</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20                   |                                                                                                                                                 |
| 18 in person, with Ms. Turkenton or Mr. Fortney 19 about the proposal that's reflected in that 20 document? 15:12:27 21 A. No. I had some follow-up e-mails                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 20<br>21             | solar RECs with a power purchase agreement to 15:14:29 offset and bring in energy efficiency ideas to                                           |
| 18 in person, with Ms. Turkenton or Mr. Fortney 19 about the proposal that's reflected in that 20 document? 15:12:27 21 A. No. I had some follow-up e-mails                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 20<br>21<br>22       | solar RECs with a power purchase agreement to 15:14:29                                                                                          |
| 18 in person, with Ms. Turkenton or Mr. Fortney 19 about the proposal that's reflected in that 20 document? 15:12:27 21 A. No. I had some follow-up e-mails 22 with Bob because he was trying to understand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 20<br>21<br>22<br>23 | solar RECs with a power purchase agreement to 15:14:29 offset and bring in energy efficiency ideas to provide power of low income carve-out for |

19 (Pages 70 to 73)

| Page 74                                                    | Page 76                                                     |
|------------------------------------------------------------|-------------------------------------------------------------|
| 1 proposal?                                                | 1 A. No.                                                    |
| 2 A. They wanted to know if we had                         | 2 Q. The last sentence of that                              |
| 3 talked to FirstEnergy. And that was their                | 3 paragraph: "For weatherization etc" and                   |
| 4 primary reaction, that they're interested in             | 4 towards the end of that sentence, you say:                |
| 5 this, but we really need to talk with 15:15:03           | 5 "But to the extent we find more funding, we can 15:17:49  |
| 6 FirstEnergy. And they were still confused on             | 6 increase the money available for that."                   |
| 7 revenue streams and how it would all work.               | 7 Do you have any particular funding                        |
| 8 Q. If you look on Exhibit C, the                         | 8 sources in mind in writing that?                          |
| 9 Project Concept document, the first paragraph,           | 9 A. Again, those are the same funding                      |
| 10 the last sentence, starting with: "We believe 15:15:27  | 10 sources that we've been talking about by using 15:17:59  |
| 11 the project plan" and, I guess "as                      | 11 the ITC, if there's any state money that's               |
| 12 described below is a replicable model that is           | 12 available through the available programs that            |
| 13 self-sustaining." Did you write that sentence?          | 13 for alternative energy or advanced energy                |
| 14 A. Yes, I did.                                          | 14 that we would bring back in. If there's                  |
| 15 Q. What made you or why did you 15:15:46                | 15 additional grants that we can apply for, 15:18:14        |
| 16 write that?                                             | 16 regardless of if it's a state or federal, those          |
| 17 A. Because what we've talked about is,                  | 17 are what we're calling either revenue stream or          |
| 18 that we've put together an example that                 | 18 excess.                                                  |
| 19 could be a pilot. And we believe that the way           | 19 Q. What state funding would be                           |
| 20 we've just defined the pilot that we've put 15:15:59    | 20 available for the project that you're proposing 15:18:27 |
| 21 forth is something that can sustain itself over         | 21 in this case?                                            |
| 22 a long period of time. What we mean by                  | 22 A. It's not that it's guaranteed or                      |
| 23 "self-sustaining" is, that without continued            | 23 anything, but it's potential possible that               |
| 24 rate payer subsidization, it will continue to           | 24 there's the State Energy Program money; I guess          |
| 25 generate lower prices that all-electrics will 15:16:13  | 25 that's the SEP money. There's the Advanced 15:18:35      |
| Page 75                                                    | Page 77                                                     |
| 1 be able to have a lower they're paying a                 | 1 Energy Fund. There's also the Third Frontier              |
| 2 less amount in electricity than they would               | 2 pot of money. And there might be additional               |
| 3 otherwise, and they're doing this from the               | 3 ones, we don't know. We haven't spent a lot of            |
| 4 reductions that are caused in their own load,            | 4 time because we don't want to do something                |
| 5 their base load reductions from the energy 15:16:28      | 5 we're pretty small. We don't have many 15:18:59           |
| 6 efficiency/weatherization measures, as well as           | 6 resources, so if we don't need to spend much              |
| 7 the purchase power contract that's generating            | 7 time on something, then we're not going to,               |
| 8 power at 5 cents.                                        | 8 which is why this is a concept document.                  |
| 9 Q. In the second paragraph in the                        | 9 Q. If the Commission ordered                              |
| 10 middle of the second paragraph, there's a 15:16:47      | 10 FirstEnergy to move forward with this in some 15:19:15   |
| 11 sentence that starts: "To the extent we can             | 11 way, to conduct some sort of feasibility study,          |
| 12 find ways to use the projects to manage peak            | 12 something like that, who would be the entity             |
| 13 loads or do Demand Response."                           | 13 that would actually be applying for the funds,           |
| 14 A. Yes. There's additional revenue                      | 14 you know, the state money that you listed if             |
| 15 streams in the wholesale market if there's 15:17:01     | 15 things kind of progressed? 15:19:29                      |
| 16 interest in participating in organized demand           | 16 A. It depends on what the opportunity                    |
| 17 response programs, or if there are different            | 17 is that's available. It could be OPAE that               |
| 18 rate structures for managing peak loads such as         | 18 applies, it could be Renewable Energy Services           |
| 19 a rebate program. And no, we didn't put those           | 19 that applies, it could be FirstEnergy that               |
| 20 forth and discuss those, but that's what I was 15:17:17 | 20 applies, it could be another party that 15:19:42         |
| 21 thinking in writing that sentence.                      | 21 applies.                                                 |
| 22 Q. Do you have any particular                           | 22 Q. And what's have you ever                              |
| 23 projects, peak load projects in mind or did             | 23 participated or had input into an application            |
| 24 you have any particular peak load projects in           | 24 process for money from the State Energy                  |
| 25 mind when you wrote that sentence? 15:17:36             | 25 Program? 15:20:09                                        |

20 (Pages 74 to 77)

|                                                                                                                                | Page 78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                | Page 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                                                                                              | A. To the Ohio energy no.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                                                                                                              | largest bang for the buck.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2                                                                                                                              | Q. Have you ever had input into or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                                                                                                                              | Q. You mention that there were an                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3                                                                                                                              | participated in an application process for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                                                              | infinite I believe an infinite number of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 4                                                                                                                              | money from, I think you said the Advanced                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4                                                                                                                              | alternatives that would accomplish kind of the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 5                                                                                                                              | Energy Fund? 15:20:20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5                                                                                                                              | goal that you have in mind with this proposal, 15:23:22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 6                                                                                                                              | A. Yes. That's Ohio.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6                                                                                                                              | is that fair to say?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1 7                                                                                                                            | Q. Okay.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7                                                                                                                              | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8                                                                                                                              | A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8                                                                                                                              | Q. So, would you object if the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| وا                                                                                                                             | Q. And have you ever participated in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9                                                                                                                              | Commission ordered a different project or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 10                                                                                                                             | an application for funding from Third Frontier? 15:20:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10                                                                                                                             | ordered FirstEnergy to pursue a different 15:23:31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 11                                                                                                                             | A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 11                                                                                                                             | project that shared the same objective as the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 12                                                                                                                             | Q. If you go back to Deposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12                                                                                                                             | one that you are proposing?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 13                                                                                                                             | Exhibit C, underneath the Project Description,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 13                                                                                                                             | A. We would not object, but we would                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 14                                                                                                                             | in the second sentence, it says: The project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14                                                                                                                             | definitely hope that there's energy efficiency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 15                                                                                                                             | will operate roughly 36 megawatts. 15:20:49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 15                                                                                                                             | measures installed, because what we're trying 15:23:46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 16                                                                                                                             | Where did that 36 megawatt figure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16                                                                                                                             | to do is figure out ways to pay for energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 17                                                                                                                             | come from?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 17                                                                                                                             | efficiency and home weatherization because they                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 18                                                                                                                             | A. That 36 megawatt figure is the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18                                                                                                                             | do yield long-term reductions in generation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 19                                                                                                                             | minimum commitment that Renewable Energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Į.                                                                                                                             | We could also call them megawatts in a way.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 20                                                                                                                             | Services could commit to for what they would be 15:21:04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20                                                                                                                             | Q. If you look at the last paragraph 15:24:02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 21                                                                                                                             | able to actually create in terms of a power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 21                                                                                                                             | , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 22                                                                                                                             | project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 22                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 23                                                                                                                             | Q. What about the 70,000 megawatt hour                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 23                                                                                                                             | side there's a sentence that starts: That                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 24                                                                                                                             | figure that appears later in that sentence,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 24                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 25                                                                                                                             | where did that come from? 15:21:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 25                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                | Page 79                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                | Page 81                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1                                                                                                                              | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <br>  j                                                                                                                        | <del>-</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1 2                                                                                                                            | A. That is Renewable Energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 2                                                                                                                            | see that sentence?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1 2 3                                                                                                                          | A. That is Renewable Energy Services provided that number.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2                                                                                                                              | see that sentence? A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2                                                                                                                              | A. That is Renewable Energy Services provided that number. Q. What role are you proposing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                                                                                                              | see that sentence?  A. Yes. Q. Where do those figures come from?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2                                                                                                                              | A. That is Renewable Energy Services provided that number. Q. What role are you proposing Renewable Energy Services play if the proposal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2<br>3<br>4                                                                                                                    | see that sentence?  A. Yes. Q. Where do those figures come from? A. Renewable Energy Services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2<br>3<br>4                                                                                                                    | A. That is Renewable Energy Services provided that number. Q. What role are you proposing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                                                                                                              | see that sentence?  A. Yes. Q. Where do those figures come from? A. Renewable Energy Services. Q. Did they just tell you that those 15:24:34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2<br>3<br>4<br>5                                                                                                               | A. That is Renewable Energy Services provided that number. Q. What role are you proposing Renewable Energy Services play if the proposal that you're asking for is approved by the 15:21:54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2<br>3<br>4<br>5                                                                                                               | see that sentence?  A. Yes. Q. Where do those figures come from? A. Renewable Energy Services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2<br>3<br>4<br>5<br>6                                                                                                          | A. That is Renewable Energy Services provided that number. Q. What role are you proposing Renewable Energy Services play if the proposal that you're asking for is approved by the 15:21:54 Commission?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2<br>3<br>4<br>5<br>6                                                                                                          | see that sentence?  A. Yes. Q. Where do those figures come from? A. Renewable Energy Services. Q. Did they just tell you that those 15:24:34 were the figures for wind and solar? A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2<br>3<br>4<br>5<br>6<br>7                                                                                                     | A. That is Renewable Energy Services provided that number. Q. What role are you proposing Renewable Energy Services play if the proposal that you're asking for is approved by the 15:21:54 Commission? A. Well, I'm asking that the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2<br>3<br>4<br>5<br>6<br>7                                                                                                     | see that sentence?  A. Yes. Q. Where do those figures come from? A. Renewable Energy Services. Q. Did they just tell you that those 15:24:34 were the figures for wind and solar? A. Yes. Q. Do you know how they calculated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                                | A. That is Renewable Energy Services provided that number. Q. What role are you proposing Renewable Energy Services play if the proposal that you're asking for is approved by the 15:21:54 Commission? A. Well, I'm asking that the Commission have FirstEnergy take a look into a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                                | see that sentence?  A. Yes. Q. Where do those figures come from? A. Renewable Energy Services. Q. Did they just tell you that those 15:24:34 were the figures for wind and solar? A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2 3 4 5 6 7 8 9                                                                                                                | A. That is Renewable Energy Services provided that number.  Q. What role are you proposing Renewable Energy Services play if the proposal that you're asking for is approved by the 15:21:54 Commission?  A. Well, I'm asking that the Commission have FirstEnergy take a look into a project such as this. And if FirstEnergy wants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                           | see that sentence?  A. Yes. Q. Where do those figures come from? A. Renewable Energy Services. Q. Did they just tell you that those 15:24:34 were the figures for wind and solar? A. Yes. Q. Do you know how they calculated those figures?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23       | A. That is Renewable Energy Services provided that number.  Q. What role are you proposing Renewable Energy Services play if the proposal that you're asking for is approved by the 15:21:54 Commission?  A. Well, I'm asking that the Commission have FirstEnergy take a look into a project such as this. And if FirstEnergy wants to consider Renewable Energy Services, that's 15:22:08 their discretion. But the role that Renewable Energy Services provides, they are a developer of industrial projects, solar and wind.  Q. So, if the project were that you propose was approved by the Commission, you 15:22:30 wouldn't object if FirstEnergy went to another third party to assist them in developing the project?  A. No. We would hope that the project was RFPed out or I mean and I really 15:22:46 can't even say we would hope that it's RFPed out, so I'd like to take that back. We just hope that the prices                                                  | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23       | see that sentence?  A. Yes.  Q. Where do those figures come from?  A. Renewable Energy Services.  Q. Did they just tell you that those 15:24:34  were the figures for wind and solar?  A. Yes.  Q. Do you know how they calculated those figures?  A. No. I have the baseline 15:24:43  assumptions that they've given me that it was a combined capacity factor of 25 percent. I understood they had used a solar REC value of \$125. I'm not sure what they used for the regular renewable energy credit. 15:24:59  Q. Are there any other variables that you're not sure about?  A. I can't answer that. I'm not sure what other variables were considered.  Q. Turn to the second page of Exhibit 15:25:12  C, if you would. The first paragraph, about two-thirds of the way down the middle of the paragraph there's a sentence that starts:            |

21 (Pages 78 to 81)

|                                                                                                                    | Page 82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                          | Page 84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                                                                                  | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                                                                        | closing note on the third page of Exhibit C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2                                                                                                                  | Q. Are you working on that project?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                        | where there's a reference to REP and REP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3                                                                                                                  | A. I'm aware of the project. This                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3                                                                                                                        | Principals; do you see that?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4                                                                                                                  | project was started and implemented prior to me                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4                                                                                                                        | A. REP is RES. Renewable Energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5                                                                                                                  | joining OPAE. 15:25:45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5                                                                                                                        | Partners is Renewable Energy Services. 15:28:59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 6                                                                                                                  | Q. Did you write that sentence, first                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6                                                                                                                        | Q. And where did the sentence the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 7                                                                                                                  | of all?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7                                                                                                                        | second sentence of that paragraph: REP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 8                                                                                                                  | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8                                                                                                                        | Principals have developed or are developing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 9                                                                                                                  | Q. And are you suggesting there that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 9                                                                                                                        | over 500 megawatts of wind power, and then                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 10                                                                                                                 | there be some sort of tie-in or connection 15:26:10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10                                                                                                                       | almost 150 megawatts of solar power; where did 15:29:16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 11                                                                                                                 | between that project and the proposed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11                                                                                                                       | those figures come from?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 12                                                                                                                 | all-electric proposal?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12                                                                                                                       | A. From Renewable Energy Services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 13                                                                                                                 | A. We're just relating the fact that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 13                                                                                                                       | Q. Did they just tell you those were                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 14                                                                                                                 | OPAE has experience in doing the weatherization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14                                                                                                                       | the megawatts they had for wind and solar?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 15                                                                                                                 | and energy efficiency and is currently 15:26:24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15                                                                                                                       | A. Yes. 15:29:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 16                                                                                                                 | undertaking weatherizing an entire city, that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16                                                                                                                       | O. A little bit further down the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 17                                                                                                                 | we would like to be able to bring in the EE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 17                                                                                                                       | paragraph, it says: "REP will retain a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 18                                                                                                                 | weatherization component to the FirstEnergy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18                                                                                                                       | consulting fee from this project, only if                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 19                                                                                                                 | all-electric low income. And it was just                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 19                                                                                                                       | approved."                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 20                                                                                                                 | adding a little bit of weight to OPAE's 15:26:41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20                                                                                                                       | A. Correct. 15:29:39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 21                                                                                                                 | experience. We're not saying that we have to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 21                                                                                                                       | O. Who would pay that consulting fee?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 22                                                                                                                 | do this, but we're going to say that we'd like                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 22                                                                                                                       | A. It would be incorporated into the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 23                                                                                                                 | to.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 23                                                                                                                       | budget, which is part of that developmental                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 24                                                                                                                 | Q. Go to the paragraph underneath the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 24                                                                                                                       | budget cost that they put together of 2.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 25                                                                                                                 | Benefits heading on that page. 15:27:08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                          | million. Meaning that, if they were to go 15:29:51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1                                                                                                                  | Page 83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                          | Page 85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1                                                                                                                  | Page 83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                                                                        | Page 85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1 2                                                                                                                | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 2                                                                                                                      | through it and the project not get funded, that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2                                                                                                                  | <ul><li>A. Yes.</li><li>Q. The second to last sentence in that</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                                                                                                                        | through it and the project not get funded, that<br>they would be responsible for that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2 3                                                                                                                | A. Yes. Q. The second to last sentence in that paragraph: "The power of production alone will                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2                                                                                                                        | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2<br>3<br>4                                                                                                        | A. Yes. Q. The second to last sentence in that paragraph: "The power of production alone will lower the current generation rate 10%;" where                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2<br>3<br>4                                                                                                              | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million.  Q. So is that to say that, in that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2<br>3<br>4<br>5                                                                                                   | A. Yes. Q. The second to last sentence in that paragraph: "The power of production alone will lower the current generation rate 10%;" where did the 10 percent figure come from?  15:27:17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2<br>3<br>4<br>5                                                                                                         | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million. Q. So is that to say that, in that case, they would not be paid a consulting fee? 15:30:03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2<br>3<br>4<br>5<br>6                                                                                              | A. Yes. Q. The second to last sentence in that paragraph: "The power of production alone will lower the current generation rate 10%;" where did the 10 percent figure come from?  A. That was a guess, and it's really                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2<br>3<br>4<br>5<br>6                                                                                                    | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million. Q. So is that to say that, in that case, they would not be paid a consulting fee? 15:30:03 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2<br>3<br>4<br>5<br>6<br>7                                                                                         | A. Yes. Q. The second to last sentence in that paragraph: "The power of production alone will lower the current generation rate 10%;" where did the 10 percent figure come from? 15:27:17 A. That was a guess, and it's really not correct. It's really 20 percent reduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2<br>3<br>4<br>5<br>6<br>7                                                                                               | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million. Q. So is that to say that, in that case, they would not be paid a consulting fee?  A. Yes. Q. If they were paid a consulting fee,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                    | A. Yes. Q. The second to last sentence in that paragraph: "The power of production alone will lower the current generation rate 10%;" where did the 10 percent figure come from?  A. That was a guess, and it's really not correct. It's really 20 percent reduction because what that is is, it is the difference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                          | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million. Q. So is that to say that, in that case, they would not be paid a consulting fee? A. Yes. Q. If they were paid a consulting fee, who would pay it?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2 3 4 5 6 7 8 9                                                                                                    | A. Yes. Q. The second to last sentence in that paragraph: "The power of production alone will lower the current generation rate 10%;" where did the 10 percent figure come from? 15:27:17 A. That was a guess, and it's really not correct. It's really 20 percent reduction because what that is is, it is the difference between the existing generation rate of the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million. Q. So is that to say that, in that case, they would not be paid a consulting fee? A. Yes. Q. If they were paid a consulting fee, who would pay it? A. It would be wrapped into the actual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                               | A. Yes.  Q. The second to last sentence in that paragraph: "The power of production alone will lower the current generation rate 10%;" where did the 10 percent figure come from?  A. That was a guess, and it's really not correct. It's really 20 percent reduction because what that is is, it is the difference between the existing generation rate of the 6.15 versus the projected amount of 5. And  15:27:31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million. Q. So is that to say that, in that case, they would not be paid a consulting fee? 15:30:03 A. Yes. Q. If they were paid a consulting fee, who would pay it? A. It would be wrapped into the actual price of the generation. Because it's not that 15:30:11                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10                                                                         | A. Yes.  Q. The second to last sentence in that paragraph: "The power of production alone will lower the current generation rate 10%;" where did the 10 percent figure come from?  A. That was a guess, and it's really not correct. It's really 20 percent reduction because what that is is, it is the difference between the existing generation rate of the 6.15 versus the projected amount of 5. And 15:27:31 when we first were talking about this, everyone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10                                                                               | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million.  Q. So is that to say that, in that case, they would not be paid a consulting fee? 15:30:03  A. Yes.  Q. If they were paid a consulting fee, who would pay it?  A. It would be wrapped into the actual price of the generation. Because it's not that 15:30:11 they're consulting to FirstEnergy, it's the                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12                                                             | A. Yes.  Q. The second to last sentence in that paragraph: "The power of production alone will lower the current generation rate 10%;" where did the 10 percent figure come from?  A. That was a guess, and it's really not correct. It's really 20 percent reduction because what that is is, it is the difference between the existing generation rate of the 6.15 versus the projected amount of 5. And 15:27:31 when we first were talking about this, everyone just thought: Oh, that's 10 cents roughly, so                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11                                                                         | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million.  Q. So is that to say that, in that case, they would not be paid a consulting fee? 15:30:03  A. Yes.  Q. If they were paid a consulting fee, who would pay it?  A. It would be wrapped into the actual price of the generation. Because it's not that 15:30:11 they're consulting to FirstEnergy, it's the industrial plant that they're getting a project                                                                                                                                                                                                                                                                                                                                                                              |
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| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15                                           | A. Yes.  Q. The second to last sentence in that paragraph: "The power of production alone will lower the current generation rate 10%;" where did the 10 percent figure come from?  A. That was a guess, and it's really not correct. It's really 20 percent reduction because what that is is, it is the difference between the existing generation rate of the 6.15 versus the projected amount of 5. And 15:27:31 when we first were talking about this, everyone just thought: Oh, that's 10 cents roughly, so 10 percent. But it's really, actually, 20 percent.  Q. And then, under the Additional 15:27:47 Funding heading, the first sentence that                                                                                                                                                                                                                                                                                                              | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                             | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million. Q. So is that to say that, in that case, they would not be paid a consulting fee? 15:30:03 A. Yes. Q. If they were paid a consulting fee, who would pay it? A. It would be wrapped into the actual price of the generation. Because it's not that 15:30:11 they're consulting to FirstEnergy, it's the industrial plant that they're getting a project for. Q. And if the project that you're                                                                                                                                                                                                                                                                                                                                           |
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| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17                               | A. Yes.  Q. The second to last sentence in that paragraph: "The power of production alone will lower the current generation rate 10%;" where did the 10 percent figure come from?  A. That was a guess, and it's really not correct. It's really 20 percent reduction because what that is is, it is the difference between the existing generation rate of the 6.15 versus the projected amount of 5. And 15:27:31 when we first were talking about this, everyone just thought: Oh, that's 10 cents roughly, so 10 percent. But it's really, actually, 20 percent.  Q. And then, under the Additional 15:27:47 Funding heading, the first sentence that starts: "Depending on the start date of the project;" what are you talking about there?                                                                                                                                                                                                                      | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17                                     | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million. Q. So is that to say that, in that case, they would not be paid a consulting fee? 15:30:03 A. Yes. Q. If they were paid a consulting fee, who would pay it? A. It would be wrapped into the actual price of the generation. Because it's not that 15:30:11 they're consulting to FirstEnergy, it's the industrial plant that they're getting a project for. Q. And if the project that you're proposing here were approved, do you know, ballpark, how much that consulting fee would                                                                                                                                                                                                                                                   |
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| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>12<br>22<br>23       | A. Yes.  Q. The second to last sentence in that paragraph: "The power of production alone will lower the current generation rate 10%;" where did the 10 percent figure come from?  A. That was a guess, and it's really not correct. It's really 20 percent reduction because what that is is, it is the difference between the existing generation rate of the 6.15 versus the projected amount of 5. And 15:27:31 when we first were talking about this, everyone just thought: Oh, that's 10 cents roughly, so 10 percent. But it's really, actually, 20 percent.  Q. And then, under the Additional 15:27:47 Funding heading, the first sentence that starts: "Depending on the start date of the project;" what are you talking about there?  A. At the time that we were putting the concept document together, we were not aware that the federal government had extended the accelerated depreciation schedule to January 1st, 2011. I think they changed that | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | through it and the project not get funded, that they would be responsible for that developmental budget of 2.6 million.  Q. So is that to say that, in that case, they would not be paid a consulting fee? 15:30:03  A. Yes.  Q. If they were paid a consulting fee, who would pay it?  A. It would be wrapped into the actual price of the generation. Because it's not that 15:30:11 they're consulting to FirstEnergy, it's the industrial plant that they're getting a project for.  Q. And if the project that you're proposing here were approved, do you know, 15:30:26 ballpark, how much that consulting fee would be?  A. I think it's \$2.6 million, but I don't know.  Q. If you could look at Deposition 15:30:38 Exhibit D, the e-mail chain, the first page, the e-mail from Bob Fortney and these, as you can tell, are not in color. So, if it |

22 (Pages 82 to 85)

| 1                                                                                                                   | Page 86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | }                                                                                                                        | Page 88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -                                                                                                                   | But it looks like about halfway                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                                                                                                                        | that was off in the calculation of 16,000.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1 2                                                                                                                 | down the page, there's the sentence: "What is                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                                                                        | Q. So, what was the driver of the size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3                                                                                                                   | the time frame that such a facility would be                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3                                                                                                                        | of the project then? If you weren't aiming for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 4                                                                                                                   | operational?" Did Mr. Fortney write that?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4                                                                                                                        | a particular group of customers, then what was                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 5                                                                                                                   | A. Yes. 15:31:14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5                                                                                                                        | the driver? 15:34:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 6                                                                                                                   | Q. What's the answer to that?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6                                                                                                                        | A. The 36 megawatts, two sites. It                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 7                                                                                                                   | A. That's what the timeline was about,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7                                                                                                                        | was limited by the size of the project of doing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8                                                                                                                        | a wind and solar.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 9                                                                                                                   | the developmental timeline. So it shows when                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9                                                                                                                        | Q. But those but you're not                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 10                                                                                                                  | the initial developmental stage is complete,<br>then it was a minimum of three months after 15:31:24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10                                                                                                                       | proposing in your pre-filed testimony those 15:34:16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 111                                                                                                                 | that that the first the solar or the wind                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 11                                                                                                                       | particular sites, right?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 12                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12                                                                                                                       | A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                     | could go up.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | •                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 13                                                                                                                  | Q. So based on that spreadsheet then,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 13                                                                                                                       | Q. Or that particular size of project?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 14                                                                                                                  | what is the time frame?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14                                                                                                                       | A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 15                                                                                                                  | A. Three months after July 2012. So, 15:31:38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 15                                                                                                                       | Q. Going back to Exhibit D, the 15:34:23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 16                                                                                                                  | we're looking at September, October November                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                          | e-mail, it says: "The people I talked to are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 17                                                                                                                  | 2012 would be the earliest that it would be in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17                                                                                                                       | skeptical." And then at the end, he talks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 18                                                                                                                  | operation. And I did not respond to this                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 18                                                                                                                       | about the 5 cents per kilowatt hour: "Do you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 19                                                                                                                  | e-mail, I called and asked if we needed to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 19                                                                                                                       | have some back-up calculations that show how                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 20                                                                                                                  | follow up. 15:32:09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20                                                                                                                       | that will be done?" Do you have those back-up 15:34:49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 21                                                                                                                  | Q. Mr. Fortney says, underneath that:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 21                                                                                                                       | calculations?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 22                                                                                                                  | I still do not think this comes anywhere close                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 22                                                                                                                       | A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 23                                                                                                                  | to solving the all-electric issue, neither in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 23                                                                                                                       | Q. Does Renewable Energy Services have                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 24                                                                                                                  | terms of rates nor the magnitude of the load.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 24                                                                                                                       | them?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 25                                                                                                                  | What's your reaction to that 15:32:25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 25                                                                                                                       | A. I'm sure they do. 15:34:55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                     | Page 87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                          | Page 89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1                                                                                                                   | sentence?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                                                                                                                        | 0. 77 11 .0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2                                                                                                                   | 4 797 34 4 4 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                          | Q. Have you seen them?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| -                                                                                                                   | A. We weren't trying to solve the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2                                                                                                                        | Q. Have you seen them? A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3                                                                                                                   | -2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1                                                                                                                   | A. We weren't trying to solve the all-electric. We were talking about a carve-out that then could be used as a model to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                                                                                                        | A. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3                                                                                                                   | all-electric. We were talking about a carve-out that then could be used as a model to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                                                                                                                        | A. No. Q. And then, the question below that:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 3 4                                                                                                                 | all-electric. We were talking about a carve-out that then could be used as a model to do this over and over until you get to the 15:32:36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2<br>3<br>4                                                                                                              | A. No. Q. And then, the question below that: "What is your estimate for the cost of RECs?"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 3 4 5                                                                                                               | all-electric. We were talking about a carve-out that then could be used as a model to do this over and over until you get to the 15:32:36 load, to the whole load of the all-electrics.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2<br>3<br>4<br>5                                                                                                         | A. No. Q. And then, the question below that: "What is your estimate for the cost of RECs?" What's the answer to that?  15:35:05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 3<br>4<br>5<br>6                                                                                                    | all-electric. We were talking about a carve-out that then could be used as a model to do this over and over until you get to the 15:32:36 load, to the whole load of the all-electrics.  It's possible that a geothermal project might                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2<br>3<br>4<br>5<br>6                                                                                                    | A. No. Q. And then, the question below that: "What is your estimate for the cost of RECs?" What's the answer to that? 15:35:05 A. The cost of RECs, that's Renewable Energy Services said that they were                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| 1 kilowatt hours per month for the homes. 2 Q. So, who calculated the 40 to \$50 3 per megawatt hour figure? 4 A. That would be Renewable Energy 5 Services came up with the — they actually came up with that number. 7 Q. Did the Commission ask you or OPAE  1 in the public like that at this point in time. 2 Because they were aware that I was being deposed as well. 4 Q. In your — in your testimony, you proposed that FirstEnergy procure the RECs with the brown power, correct? 7 A. I'm sorry. I don't understand the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Page 92              |
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| 2 Q. So, who calculated the 40 to \$50 3 per megawatt hour figure? 4 A. That would be Renewable Energy 5 Services came up with the – they actually came 15:37:45 6 up with that number. 2 Because they were aware that I was being 3 deposed as well. 4 Q. In your – in your testimony, you 5 proposed that FirstEnergy procure the RECs with 6 the brown power, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |
| 3 per megawatt hour figure? 4 A. That would be Renewable Energy 5 Services came up with the – they actually came 15:37:45 6 up with that number. 3 deposed as well. 4 Q. In your – in your testimony, you 5 proposed that FirstEnergy procure the RECs with 6 the brown power, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |
| 4 A. That would be Renewable Energy 5 Services came up with the – they actually came 15:37:45 6 up with that number.  4 Q. In your – in your testimony, you 5 proposed that FirstEnergy procure the RECs with 6 the brown power, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |
| 5 Services came up with the - they actually came 15:37:45 5 proposed that FirstEnergy procure the RECs with 6 up with that number. 5 proposed that FirstEnergy procure the RECs with 6 the brown power, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |
| 6 up with that number. 6 the brown power, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15:40:21             |
| 1.7 O Did the Commission ask you or OPAF 1.7 A I'm sorry. I don't understand the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |
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| 8 to file pre-filed testimony on this issue? 8 question.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |
| 9 A. The Commission wanted to know if we 9 Q. Well, the point of the proposal is                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |
| 10 were intending to file testimony, and we had 15:38:02 10 to have the FirstEnergy companies buy the brown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 15:40:40             |
| 11 said that we weren't planning on it, but if we 11 power along with bundled with RECs, is that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |
| 12 needed to we would. And they said it would 12 right?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |
| 13 probably – that we might want to consider 13 A. Correct.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |
| 14 that, 14 Q. And I guess when I say                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15:40:51             |
| 16 that? 16 in your testimony, are you talking about the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |
| 17 A. That was with our meeting with 17 three operating companies?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |
| 18 Tammy Turkenton and Bob Fortney. 18 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |
| 19 Q. Is that the meeting that we talked 19 Q. The Ohio operating companies?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |
| 20 about that was reflected in the e-mail chain? 15:38:23 20 A. (Nodding head.) I don't expect 15:41:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 02                   |
| 21 A. Yes. 21 FirstEnergy services, the retail arm, to do                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |
| 22 Q. Do you remember which of them asked 22 this.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |
| 23 you to and I don't want to misquote you - 23 Q. Who would the counterparty be in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |
| 24 but asked you to consider filing testimony? 24 the transaction that you're proposing with the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |
| 25 A. That would be Tammy. And it 15:38:35 25 bundling? 15:41:14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |
| Page 91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Page 93              |
| 1 wasn't: You all need to file. It was: You 1 A. With the generators. I don't know                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |
| 2 should consider putting something in to get 2 how the design of the project would work in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |
| 3 this case. I don't know if you'd deal with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |
| 4 Q. Did she say anything else about why 4 Renewable Energy Services since they're                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |
| 5 she thought that might be a good idea? 15:38:48 5 representing the industrial patterns, or if 15:41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | :25                  |
| 6 A. No. 6 it's directly with industrial partners. I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |
| 7 Q. I want to go back to the to 7 don't know.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |
| 8 Exhibit B, the timeline. I think you had 8 Q. Are you asking the Commission to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |
| 9 mentioned that you had asked for a project 9 order the FirstEnergy companies to enter into                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |
| 10 timeline, but then got a development budget 15:39:06 10 those agreements? 15:41:35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | İ                    |
| LII DACK IDSIEWO IS IDSI MODI/ III A. INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |
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| 12 A. Yes. 12 Q. What are you asking, then, with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |
| 12 A. Yes. 13 Q. So, what were you expecting to get 12 Q. What are you asking, then, with 13 respect to those agreements?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |
| 12 A. Yes.  13 Q. So, what were you expecting to get 14 when you asked for the project timeline? What  12 Q. What are you asking, then, with 13 respect to those agreements? 14 A. To we're not asking them to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 15:41:46             |
| 12 Q. What are you asking, then, with 13 Q. So, what were you expecting to get 14 when you asked for the project timeline? What 15 were you expecting to see on the document? 15:39:16 12 Q. What are you asking, then, with 13 respect to those agreements? 14 A. To we're not asking them to 15:39:16 15 enter into any agreements. We're simply asking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 15:41:46             |
| 12 Q. What are you asking, then, with 13 Q. So, what were you expecting to get 14 when you asked for the project timeline? What 15 were you expecting to see on the document? 16 A. Step by step until completion of  12 Q. What are you asking, then, with 13 respect to those agreements? 14 A. To we're not asking them to 15:39:16 16 that: Here's an example that we've put.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 15:41:46             |
| 12 A. Yes.  13 Q. So, what were you expecting to get 14 when you asked for the project timeline? What 15 were you expecting to see on the document? 16 A. Step by step until completion of 17 solar and wind and power's being generated.  12 Q. What are you asking, then, with 13 respect to those agreements? 14 A. To we're not asking them to 15:39:16 that: Here's an example that we've put. 17 Please take a look into this and see what you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 15:41:46             |
| 12 A. Yes.  13 Q. So, what were you expecting to get 14 when you asked for the project timeline? What 15 were you expecting to see on the document? 16 A. Step by step until completion of 17 solar and wind and power's being generated. 18 Q. What are you asking, then, with 13 respect to those agreements? 14 A. To we're not asking them to 15:39:16 that: Here's an example that we've put. 17 Please take a look into this and see what you 18 can get.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15:41:46             |
| 12 A. Yes.  13 Q. So, what were you expecting to get 14 when you asked for the project timeline? What 15 were you expecting to see on the document? 16 A. Step by step until completion of 17 solar and wind and power's being generated. 18 Q. Do you know why you didn't get 19 that?  12 Q. What are you asking, then, with 13 respect to those agreements? 14 A. To we're not asking them to 15:39:16 16 that: Here's an example that we've put. 17 Please take a look into this and see what you 18 can get. 19 Q. What would be maybe this is                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |
| A. Yes.  Q. So, what were you expecting to get when you asked for the project timeline? What were you expecting to see on the document? A. Step by step until completion of A. Step by step until completion of solar and wind and power's being generated. Q. Do you know why you didn't get that?  Q. What are you asking, then, with A. To we're not asking them to enter into any agreements. We're simply asking that: Please take a look into this and see what you that are you asking, then, with R. To we're not asking them to that: Here's an example that we've put. R. Please take a look into this and see what you that are you asking, then, with R. To we're not asking them to that: Here's an example that we've put. R. Please take a look into this and see what you that are you asking, then, with R. To we're not asking them to that: Here's an example that we've put. R. Please take a look into this and see what you that are you asking, then, with R. To we're not asking them to that: Here's an example that we've put. R. Please take a look into this and see what you that are you asking, then, with R. To we're not asking them to that: Here's an example that we've put. R. Please take a look into this and see what you that are you asking, then, with R. To we're not asking them to that: Here's an example that we've put. R. Please take a look into this and see what you and the provided that are you asking them to that the provided that the provide | 15:41:46<br>15:41:58 |
| A. Yes.  Q. So, what were you expecting to get when you asked for the project timeline? What were you expecting to see on the document? A. Step by step until completion of A. Step by step until completion of control of that: Here's an example that we've put.  Q. Do you know why you didn't get that?  Q. What are you asking, then, with respect to those agreements?  A. To we're not asking them to enter into any agreements. We're simply asking that: Here's an example that we've put.  Please take a look into this and see what you that: Q. What would be maybe this is Q. What would be maybe this is quality of it was, he said: Well, it's three months                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |
| A. Yes.  Q. So, what were you expecting to get  when you asked for the project timeline? What  See on the document?  A. Step by step until completion of  Solar and wind and power's being generated.  Q. Do you know why you didn't get  hat?  A. Yes. When I asked where the rest  of it was, he said: Well, it's three months  and you asking, then, with  respect to those agreements?  A. To we're not asking them to  enter into any agreements. We're simply asking  that: Here's an example that we've put.  Please take a look into this and see what you  Read Book into this and see what you  Read Book into this and see what you  another way of asking the same question: What  would be the outcome that you'd want to see  from 10-176 with respect to the proposal in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |
| A. Yes.  Q. So, what were you expecting to get when you asked for the project timeline? What See you expecting to see on the document? A. Step by step until completion of Solar and wind and power's being generated. Q. Do you know why you didn't get See A. Yes. When I asked where the rest 15:39:34 Of it was, he said: Well, it's three months A. Yes. When I asked where the rest 15:39:34 Of it was, he said: Well, it's three months A. Yes after the development stuff is done, but we're A. Yes after the development to anything until after the  12 Q. What are you asking, then, with 13 respect to those agreements?  14 A. To we're not asking them to 15:39:16 16 that: Here's an example that we've put. 17 Please take a look into this and see what you 18 can get. 19 Q. What would be maybe this is 20 another way of asking the same question: What 21 would be the outcome that you'd want to see 22 from 10-176 with respect to the proposal in 23 your testimony?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |
| A. Yes.  Q. So, what were you expecting to get  when you asked for the project timeline? What  See on the document?  A. Step by step until completion of  Solar and wind and power's being generated.  Q. Do you know why you didn't get  hat?  A. Yes. When I asked where the rest  of it was, he said: Well, it's three months  and you asking, then, with  respect to those agreements?  A. To we're not asking them to  enter into any agreements. We're simply asking  that: Here's an example that we've put.  Please take a look into this and see what you  Read Book into this and see what you  Read Book into this and see what you  another way of asking the same question: What  would be the outcome that you'd want to see  from 10-176 with respect to the proposal in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |

24 (Pages 90 to 93)

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|                                                                                                                                           | Page 94                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Page        | 96 |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                                 | why don't you take a look at a combined REC and brown power purchase and see what comes out of that. So, I'd like to see that: Wow. Out of this project, here comes a rate that's lower than the market generation price and 15:42:29 encapsulating a revenue benefit bringing in energy efficiency and weatherization.  Q. So, are you asking that FirstEnergy be required to perform a study or I think | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                         | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE: It was agreed by and between counsel and the parties that the Deponent will read and sign the transcript of said deposition.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |    |
| 10<br>11<br>12<br>13<br>14<br>15<br>16                                                                                                    | the phrase was to "look into," and I want to see what you mean by that.  A. You don't have to do a research project to do it, but — looking into it could be following up with OPAE and Renewable Energy Services, could be one option. Talking to other developers is another option. It doesn't                                                                                                         | 10<br>11<br>12<br>13<br>14<br>15<br>16                            | TRANSCRIPT DELIVERY: Counsel was requested to give instruction regarding delivery date of transcript.  Grant W. Garber of Jones Day ordered an original transcript, next day expedite.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |    |
| 17<br>18<br>19<br>20<br>21<br>22<br>23<br>24                                                                                              | have to be OPAE and RES by any means, and we're not suggesting that it has to be.  Q. So you're not asking the Commission to order FirstEnergy to actually enter into 15:43:09 those agreements at this point?  A. Correct.  Q. And you're not asking the Commission to order FirstEnergy to actually                                                                                                     | 17<br>18<br>19<br>20<br>21<br>22<br>23<br>24                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |    |
| 25                                                                                                                                        | build or find someone to build a power plant at 15:43:18                                                                                                                                                                                                                                                                                                                                                  | 25                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <del></del> |    |
|                                                                                                                                           | Page 95                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Page        | 97 |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25 | this point?  A. Correct. Q. Okay.  MR. GARBER: I don't think I have any more questions. Thank you.  MS. MOONEY: She will want to read it.  (The deposition concluded.)                                                                                                                                                                                                                                    | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 | REPORTER'S CERTIFICATE The State of Ohio, ) SS: County of Cuyahoga. )  I, Buster Beck, a Notary Public within and for the State of Ohio, duly commissioned and qualified, do hereby certify that the within named witness, STACIA HARP was by me first duly sworn to testify the truth, the whole truth and nothing but the truth in the cause aforesaid; that the testimony then given by the above-referenced witness was by me reduced to stenotypy in the presence of said witness; afterwards transcribed, and that the foregoing is a true and correct transcription of the testimony so given by the above-referenced witness.  I do further certify that this deposition was taken at the time and place in the foregoing caption specified and was completed without adjournment. | ER,         |    |

25 (Pages 94 to 97)

| $\overline{}$                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                           | Page 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8 Page 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1 2 3 4 5 6 7 8 9 10 11 2 13 14 15 16 17 18 9 20 21 22 34 | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Cleveland, Ohio, on this day of, 2011.  Buster Beck, Notary Public within and for the State of Ohio  My commission expires February 22, 2015.                                                                                                                                                                                                                                                                               | DEPOSITION REVIEW ERRATA & CERTIFICATION OF WITNESS RE: In the Master of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company and The Tolado Edison Company for Approval of a New Rider and Revision of an Estating Rider DEPONENT: STACIA HARPER COURT REPORTER: Buster Beck, Rennillo Deposition & Discowery  In accordance with the Rules of Civil Procedure, I have read the entire transcript of my asstinatory or it has been read to me.  I have listed my changes on the attached Errata Sheet, listing page and line numbers as well as the reason(s) for the change(s).  I request that these changes be entered as part of the record of my testimony. I have executed the Errata Sheet, as well as this Certificate, and request and authorize that both be appended to the transcript of my testimony and be incorporated therein.  Date Witness Swom to and subscribed before me, a Notary Public in and for said State and County, the referenced witness did personally appear and acknowledge that:  1. They have read the transcript; 2. They have listed all of their corrections in the appended Errata Sheet; 3. They signed the foregoing swom statement; and 4. Their Errata and execution of this Statement is of their free act and deed. I have affixed my name and official seal this day of , 20 |
| 24<br>25                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Notary Public                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 25                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | My Commission Expires: 15:43:46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | DEPOSITION REVIEW CERTIFICATION OF WITNESS  RE: In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company and The Toledo Edison Company for Approval of a New Rider and Revision of an Existing Rider DEPONENT: STACIA HARPER COURT REPORTER: Buster Beck, Rennillo Deposition & Discovery  In accordance with the Rules of Civil Procedure, I have read the entire transcript of my testimony or it has been read to me.  I have made no changes to the testimony as transcribed by the court reporter.  Date Witness  Sworn to and subscribed before me, a Notary Public in and for said State and County. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | when y runder in and for said a time and county, he referenced witness did personally appear acknowledge that:  1. They have read the transcript;  2. They signed the foregoing sworn statement; and  3. Their execution of this Statement is of their free act and deed.  I have affixed my name and official seal his day of 20.                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <br>                                                      | Notary Public                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | My Commission Expires:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

26 (Pages 98 to 100)

BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company, and the Toledo Edison Company for Approval of a New Rider and Revision of an Existing Rider.

Case No. 10-176-EL-ATA

Continued deposition of SUSAN STEIGERWALD, Volume II

February 3rd, 2011 10:00 a.m.

Taken at:

Jones Day

901 Lakeside Avenue, North Point Cleveland, Ohio

Kelly A. Hill, Notary Public

|                                                                                                                               | ·····                                                                                                                                                                                                                                                                                                                                                       | ,                                                                                   |                                                                                                                                                                               |      |     |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
|                                                                                                                               | Page 275                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                                                                                                                                                               | Page | 277 |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | APPEARANCES:  On behalf of the Applicants: Jones Day, by DAVID A. KUTIK, ESQ. North Point, 901 Lakeside Avenue Cleveland, Ohio 44114-1190 (216) 579-0212 dakutik@jonesday.com  On behalf of the Intervenor: Corcoran & Assoc., Co., L.P.A., by KEVIN CORCORAN, ESQ. 8501 Woodbridge Court North Ridgeville, Ohio 44039 (440) 225-8965 corcoranlaw@yahoo.com | 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | Exhibit E-mail from Susan                                                                                                                                                     |      |     |
| 24                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                             | 24                                                                                  | Exhibit E-mail from Susan                                                                                                                                                     |      |     |
| 25                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                             | 25                                                                                  |                                                                                                                                                                               | <br> |     |
|                                                                                                                               | Page 276                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                                                                                                                                                               | Page | 278 |
| 1 2                                                                                                                           | TRANSCRIPT INDEX                                                                                                                                                                                                                                                                                                                                            | 1 2                                                                                 | Strigerwa Susan Strigerwald and Army<br>ld 37 Gomberg                                                                                                                         |      |     |
| 3                                                                                                                             | APPEARANCES 275                                                                                                                                                                                                                                                                                                                                             |                                                                                     | Exhibit E-mail from Anny Gomberg to 317<br>Steigerwe Connie Kline<br>Id 38                                                                                                    |      |     |
| 4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                                            | INDEX OF EXHIBITS                                                                                                                                                                                                                                                                                                                                           | 9<br>10<br>11<br>12                                                                 | Exhibit E-mail from Susan                                                                                                                                                     |      |     |
| 14                                                                                                                            | Dillibro In and all cooks has vivian                                                                                                                                                                                                                                                                                                                        |                                                                                     | Steigerwa Steigerwald Dated February<br>ld 44 24th, 2010<br>Exhibit E-mail from Susan                                                                                         |      |     |
| 15<br>16                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                             | 16                                                                                  | Steigerwa Steigerwald Dated March 3rd,<br>Id 45 2010<br>Exhibit E-mail from Susan                                                                                             |      |     |
| 17<br>18<br>19<br>20                                                                                                          |                                                                                                                                                                                                                                                                                                                                                             | 18<br>19<br>20                                                                      | Steigerwa Steigerwald Dated March<br>Id 46 16th, 2010<br>Exhibit E-mail from Sue Steigerwald 335<br>Steigerwa Dated February 26th, 2010<br>Id 47<br>Exhibit E-mail from Susan |      |     |
| 21<br>22<br>23                                                                                                                |                                                                                                                                                                                                                                                                                                                                                             | 22                                                                                  | Steigerwald to CKAP Members Id 48 Dated February 27th, 2010  Exhibit E-mail from Susan                                                                                        |      |     |
| 24<br>25                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                             | 24<br>25                                                                            |                                                                                                                                                                               |      |     |

2 (Pages 275 to 278)

|                                                               | Down 070 | Dage 201                                                                                      |
|---------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------|
|                                                               | Page 279 | Page 281                                                                                      |
| Exhibit Document Bates Stamped 339                            |          | SUSAN STEIGERWALD, of lawful age, called                                                      |
| 2 Steigerwa CN001107 to CN001111 kt 51                        |          | for examination, as provided by the Ohio Rules                                                |
| 3 Exhibit E-mail from Susan                                   |          | of Civil Procedure, being by me first duly sworn, as hereinafter certified, deposed and       |
| 4 ld 52   2010   5 Exhibit   E-mail from Susan                |          | sworn, as heremaner certified, deposed and said as follows:                                   |
| Strigerwa Steigerwald Dated June 10th, 6 kd 53 2010           | 1        | EXAMINATION OF SUSAN STEIGERWALD                                                              |
| 7 Exhibit E-mail from Susan                                   |          | BY MR. KUTIK:                                                                                 |
| 8 kl 54 2nd, 2010<br>9 Exhibit E-mail from Susan 342          |          | Q. Ms. Steigerwald, your counsel told                                                         |
| Steigerwa Steigerwald Dated November<br>10 kl 55 12th, 2010   |          | me yesterday you do not intend to testify in                                                  |
| 11 Exhibit E-mail from Susan                                  | 1        | 0 this case; is that correct? 10:13:36                                                        |
| 12 ki 56 23rd, 2010                                           | 1        | 1 A. Yes.                                                                                     |
| 13 Exhibit Series of Complaints Filed 346 Steigerwa with PUCO | 1        |                                                                                               |
| 14 kd 37 Exhibit E-mail from Susan                            | 1        |                                                                                               |
| 15 Steigerwa Steigerwald Dated March 5th,<br>ld 58 2010       | 1        |                                                                                               |
| 16 Exhibit E-mail from Susan 360                              | 1        |                                                                                               |
| 17 Steigerwa Steigerwald Dated March<br>ld 59 22nd, 2010      | 1        |                                                                                               |
| 18 Exhibit E-mail from Susan                                  | ,        | 7 MR. KUTIK: Well, let's go off the<br>8 record.                                              |
| 19 Steigerwa Steigerwald Dated December<br>Id 60 12th, 2010   | į.       | 9 MR, CORCORAN: Let's go off the                                                              |
| 20 Exhibit E-mail from Susan 363                              | i i      | 0 record. 10:14:00                                                                            |
| 21 Steigerwa Steigerwald Dated January<br>1d 61 6th, 2011     | j j      | 1 (Discussion had off the record.)                                                            |
| 22 Exhibit E-mail from Susan 366                              |          | 2 MR, KUTIK: Let's mark this as the                                                           |
| 23 Steigerwa Steigerwald Dated January                        | 2        | 3 next one, which is 26.                                                                      |
| ld 62 10th, 2011                                              | 2        | 4                                                                                             |
| Exhibit E-mail from Susan                                     | 2        | 5 (Thereupon, Deposition Exhibit                                                              |
|                                                               | Page 280 | Page 282                                                                                      |
| 1                                                             |          | 1 Steigerwald 26, E-mail from Susan                                                           |
| Exhibit E-mail from Susan 370                                 | <b>I</b> | 2 Steigerwald Dated February 2nd,                                                             |
| 2 Steigerwa Steigerwald Dated April                           |          | 3 2011, was marked for purposes of                                                            |
| ld 64 16th, 2010                                              |          | 4 identification.)                                                                            |
| 3<br>  4                                                      | i i      | 5 10:15:06                                                                                    |
| 5                                                             |          | 6 Q. Ms. Steigerwald, the court reporter                                                      |
| 6                                                             | [        | 7 has handed you what's been marked as Exhibit 26                                             |
| 7                                                             | 1        | 8 for this deposition. 9 Do you recognize this?                                               |
| 8                                                             |          | O A. Yes.                                                                                     |
| 9                                                             | · ·      | 1 Q. This is an e-mail that you sent out                                                      |
| 10<br>  11                                                    |          | 2 to "CKAP friends" last night at 5:23?                                                       |
| 12                                                            |          | 3 A. Um-hum.                                                                                  |
| 13                                                            |          | 4 Q. Is that yes?                                                                             |
| 14                                                            | 1        | 5 A. Yes.                                                                                     |
| 15                                                            | •        | 6 Q. And I will tell you mainly, more                                                         |
| 16<br>  17                                                    | B C      | 7 for your counsel's information than for me,                                                 |
| 118                                                           | i i      | 8 that this was provided to me not by anyone                                                  |
| 119                                                           | 1        | 9 connected with my firm or FirstEnergy.                                                      |
| 20                                                            | <b>I</b> | 0 This specifically says that you've 10:15:38 1 created a chart that shows how much our bills |
| 21                                                            | li i     | 2 were before the rates were increased, during                                                |
| 22                                                            |          | 3 the rate shock and what they are now. The                                                   |
| 23<br>24                                                      |          | 4 chart will be useful to see what an acceptable                                              |
| 1.7.0                                                         |          |                                                                                               |

3 (Pages 279 to 282)

| ĺ                                                                                                                   | Page 283                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                     | Page 285                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [ ,                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | _                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1 2                                                                                                                 | Is that correct? A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1<br>2                                                                                                              | that you found a bunch of customers who were at 1,000 kilowatts and totalled up their bills and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 3                                                                                                                   | Q. So you have a chart?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3                                                                                                                   | then 2,000 kilowatts and did the same thing, or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4                                                                                                                   | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4                                                                                                                   | how did you figure out what the charge for the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 5                                                                                                                   | Q. Have you produced that chart? 10:16:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                                                                                                                   | total bill was for each kilowatt hour? 10:18:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 6                                                                                                                   | A. I created it last night.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6                                                                                                                   | A. For which category?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 7                                                                                                                   | Q. So you haven't produced it to us;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7                                                                                                                   | Q. Any category.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 8                                                                                                                   | fair to say?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8                                                                                                                   | A. It depended on the category.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 9                                                                                                                   | A. Not to you, correct. I haven't                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9                                                                                                                   | Q. Okay. What categories were there?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 10                                                                                                                  | sent it to anybody. 10:16:09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10                                                                                                                  | A. As I've already stated, there were 10:18:10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 11                                                                                                                  | Q. Okay. Do you have plans to use it                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 11                                                                                                                  | the previous all-electric customer bills, the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 12                                                                                                                  | in the hearing?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12                                                                                                                  | rate shock bills, and the bills that people are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 13                                                                                                                  | A. Possibly.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 13                                                                                                                  | paying now.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 14                                                                                                                  | MR. KUTIK: Well, Counsel, I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 14                                                                                                                  | Two of the three categories you can                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 15                                                                                                                  | guess 10:16:18  A. Not during the hearing, but                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15<br>16                                                                                                            | compute based on standard rates 10:18:19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 17                                                                                                                  | MR. KUTIK: Counsel, to the extent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 17                                                                                                                  | Q. Okay. A and verify with and I also                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 18                                                                                                                  | that there's any intention to use that, we                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 18                                                                                                                  | did that, and I verified against actual data.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 19                                                                                                                  | would request it to be produced.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 19                                                                                                                  | Q. When you say standard rates, you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 20                                                                                                                  | MR. CORCORAN: Sure. Absolutely. 10:16:29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 21                                                                                                                  | A. Yeah, it's not a big deal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 21                                                                                                                  | A. Right.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 22                                                                                                                  | Q. And can you describe what that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 22                                                                                                                  | Q. As opposed to a standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 23                                                                                                                  | chart is? What did you do?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 23                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 24                                                                                                                  | A. It's a chart of based on per                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 24                                                                                                                  | A. Well, that's what a standard rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 25                                                                                                                  | kilowatt hour what the standard rates were 10:16:40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 25                                                                                                                  | is, a standard residential customer rate. 10:18:37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                     | Page 284                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                     | Page 286                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1                                                                                                                   | previously, what the all-electric customer was                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                                                                                                   | Q. Okay. And does that include                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2                                                                                                                   | paying in before the rate shock happened,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2                                                                                                                   | when you say the standard rate, are you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3                                                                                                                   | during the rate shock, what they're paying now.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                                                   | including any credits?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 3 4                                                                                                                 | Q. And when you say what they were                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3<br>4                                                                                                              | including any credits?  A. No, because a standard rate is                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3<br>4<br>5                                                                                                         | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3<br>4<br>5                                                                                                         | including any credits?  A. No, because a standard rate is without credits.  10:18:47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3<br>4<br>5<br>6                                                                                                    | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3<br>4                                                                                                              | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 3<br>4<br>5<br>6<br>7                                                                                               | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3<br>4<br>5<br>6<br>7                                                                                               | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3<br>4<br>5<br>6<br>7<br>8                                                                                          | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes. Q. Is that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3<br>4<br>5<br>6<br>7<br>8                                                                                          | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers were paying?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes. Q. Is that A. A total bill.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers were paying?  A. Was I trying to determine that                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes. Q. Is that A. A total bill. Q. All right. So it's a it's an 10:17:05                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10                                                                               | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers were paying?  A. Was I trying to determine that when?  10:19:02                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes. Q. Is that A. A total bill.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers were paying?  A. Was I trying to determine that                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10                                                                               | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes. Q. Is that A. A total bill. Q. All right. So it's a it's an 10:17:05 average of a kilowatt hour basis?                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11                                                                         | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers were paying?  A. Was I trying to determine that when?  Q. For either of the three periods                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14                                                       | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes. Q. Is that A. A total bill. Q. All right. So it's a it's an 10:17:05 average of a kilowatt hour basis? A. Yes. Q. Okay. Not a dollars; it's a dollars per kilowatt hour?                                                                                                                                                                                                                                                                                                                                                                      | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                             | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers were paying?  A. Was I trying to determine that when?  10:19:02  Q. For either of the three periods that you were  A. Well, yes, I've stated that already.                                                                                                                                                                                                                                                                                                                                              |
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| 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                                           | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes. Q. Is that A. A total bill. Q. All right. So it's a it's an 10:17:05 average of a kilowatt hour basis? A. Yes. Q. Okay. Not a dollars; it's a dollars per kilowatt hour? A. Dollars per kilowatt hour? It's a 10:17:14 total bill amount per level of kilowatt hour,                                                                                                                                                                                                                                                                          | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                                           | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers were paying?  A. Was I trying to determine that when?  10:19:02  Q. For either of the three periods that you were  A. Well, yes, I've stated that already.  Q. Okay. Well, ma'am, you have to 10:19:08 understand that I need to understand what you                                                                                                                                                                                                                                                    |
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| 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19                         | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes. Q. Is that A. A total bill. Q. All right. So it's a it's an 10:17:05 average of a kilowatt hour basis? A. Yes. Q. Okay. Not a dollars; it's a dollars per kilowatt hour? A. Dollars per kilowatt hour? It's a 10:17:14 total bill amount per level of kilowatt hour, yes. Q. And did you do that for each customer or did you group customers together?                                                                                                                                                                                       | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19                         | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers were paying?  A. Was I trying to determine that when?  10:19:02  Q. For either of the three periods that you were  A. Well, yes, I've stated that already.  Q. Okay. Well, ma'am, you have to 10:19:08 understand that I need to understand what you did. And so I need to take you through it so I can make sure that I've understood it correctly. So bear with me.                                                                                                                                   |
| 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20                   | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes. Q. Is that A. A total bill. Q. All right. So it's a it's an 10:17:05 average of a kilowatt hour basis? A. Yes. Q. Okay. Not a dollars; it's a dollars per kilowatt hour? A. Dollars per kilowatt hour? It's a 10:17:14 total bill amount per level of kilowatt hour, yes. Q. And did you do that for each customer or did you group customers together? A. It's a chart per kilowatt hour, so 10:17:30                                                                                                                                        | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20                   | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers were paying?  A. Was I trying to determine that when?  10:19:02  Q. For either of the three periods that you were  A. Well, yes, I've stated that already.  Q. Okay. Well, ma'am, you have to 10:19:08 understand that I need to understand what you did. And so I need to take you through it so I can make sure that I've understood it correctly. So bear with me.  So you determined, at least on some 10:19:20                                                                                     |
| 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21             | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes. Q. Is that A. A total bill. Q. All right. So it's a it's an 10:17:05 average of a kilowatt hour basis? A. Yes. Q. Okay. Not a dollars; it's a dollars per kilowatt hour? A. Dollars per kilowatt hour? It's a 10:17:14 total bill amount per level of kilowatt hour, yes. Q. And did you do that for each customer or did you group customers together? A. It's a chart per kilowatt hour, so 10:17:30 1,000 kilowatts would be what everybody was                                                                                            | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21             | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers were paying?  A. Was I trying to determine that when?  10:19:02  Q. For either of the three periods that you were  A. Well, yes, I've stated that already.  Q. Okay. Well, ma'am, you have to 10:19:08 understand that I need to understand what you did. And so I need to take you through it so I can make sure that I've understood it correctly. So bear with me.  So you determined, at least on some 10:19:20 categories, what the standard rates were by                                         |
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| 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21             | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes. Q. Is that A. A total bill. Q. All right. So it's a it's an 10:17:05 average of a kilowatt hour basis? A. Yes. Q. Okay. Not a dollars; it's a dollars per kilowatt hour? A. Dollars per kilowatt hour? It's a 10:17:14 total bill amount per level of kilowatt hour, yes. Q. And did you do that for each customer or did you group customers together? A. It's a chart per kilowatt hour, so 10:17:30 1,000 kilowatts would be what everybody was paying, okay, not per customer, but because everybody was paying the same amount that were | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21             | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers were paying?  A. Was I trying to determine that when?  10:19:02  Q. For either of the three periods that you were  A. Well, yes, I've stated that already.  Q. Okay. Well, ma'am, you have to 10:19:08 understand that I need to understand what you did. And so I need to take you through it so I can make sure that I've understood it correctly. So bear with me.  So you determined, at least on some 10:19:20 categories, what the standard rates were by using the published rates?  A. Correct. |
| 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | Q. And when you say what they were paying, is that on a dollars per kilowatt hour 10:16:59 basis?  A. Yes. Q. Is that A. A total bill. Q. All right. So it's a it's an 10:17:05 average of a kilowatt hour basis? A. Yes. Q. Okay. Not a dollars; it's a dollars per kilowatt hour? A. Dollars per kilowatt hour? It's a 10:17:14 total bill amount per level of kilowatt hour, yes. Q. And did you do that for each customer or did you group customers together? A. It's a chart per kilowatt hour, so 10:17:30 1,000 kilowatts would be what everybody was paying, okay, not per customer, but because                                                | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | including any credits?  A. No, because a standard rate is without credits.  Q. With respect to were you trying to determine what electric heating customers were paying?  A. Was I trying to determine that when?  10:19:02  Q. For either of the three periods that you were  A. Well, yes, I've stated that already.  Q. Okay. Well, ma'am, you have to 10:19:08 understand that I need to understand what you did. And so I need to take you through it so I can make sure that I've understood it correctly. So bear with me.  So you determined, at least on some 10:19:20 categories, what the standard rates were by using the published rates?  A. Correct. |

4 (Pages 283 to 286)

| Page 287                                                                                                                                                                                                                                      | 7 200                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                   |
| 1 you use by referencing the published rates?                                                                                                                                                                                                 | 1 is a list of customers' bills customers'                                                                                                                                                                                                        |
| 2 A. You can figure out the current                                                                                                                                                                                                           | 2 bills before the rate shock period.                                                                                                                                                                                                             |
| 3 all-electric customers' bills by looking at                                                                                                                                                                                                 | 3 Q. Are these all of the bill data that                                                                                                                                                                                                          |
| 4 published rates and you can figure out what the                                                                                                                                                                                             | 4 you have; in other words, do these two exhibits                                                                                                                                                                                                 |
| 5 rate shock bills were by looking at published 10:19:52                                                                                                                                                                                      | 5 comprise all of the bill data that you have? 10:22:54                                                                                                                                                                                           |
| 6 rates.                                                                                                                                                                                                                                      | 6 A. Well, these were turned over a                                                                                                                                                                                                               |
| 7 Q. Okay. You cannot determine that                                                                                                                                                                                                          | 7 couple of weeks ago, I believe. So, no,                                                                                                                                                                                                         |
| 8 what customers were paying in the first period                                                                                                                                                                                              | 8 there's been more data added to these.                                                                                                                                                                                                          |
| 9 of time before the "rate shock"                                                                                                                                                                                                             | 9 Q. All right. Since the – do these                                                                                                                                                                                                              |
| 10 A. You could if you had access to the 10:20:08                                                                                                                                                                                             | 10 represent all of the bill data that you had as 10:23:11                                                                                                                                                                                        |
| 11 published rates, but I don't have access to                                                                                                                                                                                                | 11 of the day after your first deposition?                                                                                                                                                                                                        |
| 12 those.                                                                                                                                                                                                                                     | 12 A. Well, yes. Yes.                                                                                                                                                                                                                             |
| 13 Q. So you came up with what we might                                                                                                                                                                                                       | 13                                                                                                                                                                                                                                                |
| 14 call a calculated rate?                                                                                                                                                                                                                    | 14 (Thereupon, Deposition Exhibit                                                                                                                                                                                                                 |
| 15 A. Correct, based on customer provided 10:20:17                                                                                                                                                                                            | 15 Steigerwald 28, E-mail from Susan                                                                                                                                                                                                              |
| 16 data.                                                                                                                                                                                                                                      | 16 Steigerwald to Amy Gomberg Dated                                                                                                                                                                                                               |
| 17 Q. And when you say you based it on                                                                                                                                                                                                        | 17 September 8th, 2010, was marked for                                                                                                                                                                                                            |
| 18 the customer provided data, can you take me                                                                                                                                                                                                | 18 purposes of identification.)                                                                                                                                                                                                                   |
| 19 through how you did the calculation?                                                                                                                                                                                                       | 19                                                                                                                                                                                                                                                |
| 20 A. I asked for people's bills. I put 10:20:29                                                                                                                                                                                              | 20 Q. The court reporter has handed you 10:23:59                                                                                                                                                                                                  |
| 21 them on the chart and I looked at what the                                                                                                                                                                                                 | 21 what's been marked Exhibit 28.                                                                                                                                                                                                                 |
| 22 average was per kilowatt.                                                                                                                                                                                                                  | 22 Do you recognize that?                                                                                                                                                                                                                         |
| 23 Q. And of all those and then you                                                                                                                                                                                                           | 23 A. Yes.                                                                                                                                                                                                                                        |
| 24 took the average of those averages?                                                                                                                                                                                                        | 24 Q. This is an e-mail from you to Army                                                                                                                                                                                                          |
| 25 A. Yes. 10:20:42                                                                                                                                                                                                                           | 25 Gomberg dated September 8th, 2010, correct? 10:24:17                                                                                                                                                                                           |
| Page 288                                                                                                                                                                                                                                      | Page 290                                                                                                                                                                                                                                          |
| 1 MR. KUTIK: Let's mark this as the                                                                                                                                                                                                           | 1 A. Yes.                                                                                                                                                                                                                                         |
| 2 next one.                                                                                                                                                                                                                                   | 2 Q. And you tell Ms. Gomberg that you                                                                                                                                                                                                            |
| 3                                                                                                                                                                                                                                             | 3 have met with another FE employee today.                                                                                                                                                                                                        |
| 4 (Thereupon, Deposition Exhibit                                                                                                                                                                                                              | 4 Do you see that?                                                                                                                                                                                                                                |
| 5 Steigerwald 27 A, List of Customers' 10:22:15                                                                                                                                                                                               | 5 A, Um-hum. 10:24:31                                                                                                                                                                                                                             |
| 6 Reported Bill Totals For the Current                                                                                                                                                                                                        | 6 Q. Is that yes?                                                                                                                                                                                                                                 |
| 7 Period, was marked for purposes of                                                                                                                                                                                                          | 7 A. Yes.                                                                                                                                                                                                                                         |
| 8 identification.)                                                                                                                                                                                                                            | 8 Q. Was that Mr. Karchefsky?                                                                                                                                                                                                                     |
| 9                                                                                                                                                                                                                                             | 9 A. Yes.                                                                                                                                                                                                                                         |
| 10                                                                                                                                                                                                                                            | 10 Q. Was Mr. Karchefsky a member of 10:24:37                                                                                                                                                                                                     |
| 11 (Thereupon, Deposition Exhibit                                                                                                                                                                                                             | 11 CKAP?                                                                                                                                                                                                                                          |
| 12 Steigerwald 27 B, List of Customers'                                                                                                                                                                                                       | 12 A. Yes.                                                                                                                                                                                                                                        |
| 13 Bills Before the Rate Shock Period,                                                                                                                                                                                                        | 13 Q. Did Mr. Karchefsky tell you that,                                                                                                                                                                                                           |
| 14 was marked for purposes of                                                                                                                                                                                                                 | 14 basically, he understood the way all-electric                                                                                                                                                                                                  |
| 15 identification.)                                                                                                                                                                                                                           | 15 rates were promoted or heating systems were 10:25:02                                                                                                                                                                                           |
|                                                                                                                                                                                                                                               | 16 promoted is that they were beneficial to the                                                                                                                                                                                                   |
| 116                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                   |
| 16 17 O. The court reporter has handed you                                                                                                                                                                                                    | 17 company based upon the company's costs?                                                                                                                                                                                                        |
| 17 Q. The court reporter has handed you                                                                                                                                                                                                       | 17 company based upon the company's costs?  18 MR. CORCORAN: Objection, David, I                                                                                                                                                                  |
| 17 Q. The court reporter has handed you<br>18 what's been marked for identification as                                                                                                                                                        | 18 MR. CORCORAN: Objection. David, I                                                                                                                                                                                                              |
| 17 Q. The court reporter has handed you 18 what's been marked for identification as 19 Exhibits 27 A and B.                                                                                                                                   | 18 MR. CORCORAN: Objection. David, I<br>19 thought the purpose of this deposition was to                                                                                                                                                          |
| 17 Q. The court reporter has handed you 18 what's been marked for identification as 19 Exhibits 27 A and B. 20 Do you have those in front of you? 10:22:00                                                                                    | 18 MR. CORCORAN: Objection. David, I 19 thought the purpose of this deposition was to 20 go over newly provided information. 10:25:21                                                                                                             |
| 17 Q. The court reporter has handed you 18 what's been marked for identification as 19 Exhibits 27 A and B. 20 Do you have those in front of you? 10:22:00 21 A. Yes.                                                                         | 18 MR. CORCORAN: Objection. David, I 19 thought the purpose of this deposition was to 20 go over newly provided information. 10:25:21 21 MR. KUTIK: And this is.                                                                                  |
| 17 Q. The court reporter has handed you 18 what's been marked for identification as 19 Exhibits 27 A and B. 20 Do you have those in front of you? 10:22:00 21 A. Yes. 22 Q. Can you tell me what they are?                                    | 18 MR. CORCORAN: Objection. David, I 19 thought the purpose of this deposition was to 20 go over newly provided information. 10:25:21 21 MR. KUTIK: And this is. 22 MR. CORCORAN: Yes — well, now                                                 |
| 17 Q. The court reporter has handed you 18 what's been marked for identification as 19 Exhibits 27 A and B. 20 Do you have those in front of you? 10:22:00 21 A. Yes. 22 Q. Can you tell me what they are? 23 A. 27 A is a list of customers' | 18 MR. CORCORAN: Objection. David, I 19 thought the purpose of this deposition was to 20 go over newly provided information. 10:25:21 21 MR. KUTIK: And this is. 22 MR. CORCORAN: Yes — well, now 23 you're asking about things that Sue may have |
| 17 Q. The court reporter has handed you 18 what's been marked for identification as 19 Exhibits 27 A and B. 20 Do you have those in front of you? 10:22:00 21 A. Yes. 22 Q. Can you tell me what they are?                                    | 18 MR. CORCORAN: Objection. David, I 19 thought the purpose of this deposition was to 20 go over newly provided information. 10:25:21 21 MR. KUTIK: And this is. 22 MR. CORCORAN: Yes — well, now                                                 |

5 (Pages 287 to 290)

|    | Page 291                                                 |    | Page 293                                        |
|----|----------------------------------------------------------|----|-------------------------------------------------|
| 1  | MR. KUTIK: Well, this is a little                        | 1  | Q. And that is, for example, to defray          |
| 2  | bit more detail than she had previously                  | 2  | some of the overhead, some of the costs of the  |
| 3  | disclosed.                                               | 3  | company, correct?                               |
| 4  | So can you read the question,                            | 4  | A. Correct.                                     |
| 5  | please? 10:25:45                                         | 5  |                                                 |
| 6  | (Record read.)                                           | 6  | (Thereupon, Deposition Exhibit                  |
| 7  | A. I don't remember that specifically.                   | 7  | Steigerwald 29, E-mail from Susan               |
| 8  | Q. In other words, it benefited the                      | 8  | Steigerwald to Amy Gomberg Dated                |
| 9  | company because it helped defray some of the             | 9  | August 5th, 2010, was marked for                |
| 10 | company's overhead, correct? 10:26:08                    | 10 | purposes of identification.)                    |
| 11 | A. Yes.                                                  | 11 |                                                 |
| 12 | O. And those are costs for the                           | 12 | Q. The court reporter has handed you            |
| 13 | company, correct?                                        | 13 | what has been marked as Exhibit 29.             |
| 14 | A. Yes.                                                  | 14 | It is an e-mail from you to Amy                 |
| 15 | Q. And that's what he talked to 10:26:17                 | 15 | Gomberg, correct? 10:28:57                      |
| 16 | customers about, correct?                                | 16 | A. Yes.                                         |
| 17 | A. I don't recall him saying he talked                   | 17 | Q. It's dated August 5th, 2010,                 |
| 18 | to customers about that. That's what he told             | 18 | correct?                                        |
| 19 | me.                                                      | 19 | A. Yes.                                         |
| 20 | Q. Was it your understanding that 10:26:23               | 20 | Q. And you're advising Ms. Gomberg 10:29:02     |
| 21 | that's what he told customers?                           | 21 | that you created an electronic petition,        |
| 22 | A. Excuse me?                                            | 22 | correct?                                        |
| 23 | Q. Was that your understanding that                      | 23 | A. Yes.                                         |
| 24 | that's that was what he told customers?                  | 24 | Q. Does that petition exist today?              |
| 25 | A. No, it was not my understanding. 10:26:30             | 25 | A. It does, yes. 10:29:13                       |
|    | Page 292                                                 |    | Page 294                                        |
| 1  | Q. Well, you say here that, When                         | 1  | Q. Has that petition been produced?             |
| 2  | questioned about if it would be forever to               | 2  | A. No, it hasn't been produced to               |
| 3  | discuss how the all-electric home benefitted FE          | 3  | anybody. It's not being turned in.              |
| 4  | by using up their excess supply, in essence, to          | 4  | Q. Okay. But you do have the                    |
| 5  | convince people it would not go away because it 10:26:50 | 5  | petition, correct? 10:29:24                     |
| 6  | benefited the customer and FE.                           | 6  | A. It's on a website, yes.                      |
| 7  | That's what you said, correct?                           | 7  | Q. This you say, The site allows                |
| 8  | A. Um-hum.                                               | 8  | me, as the administrator, to print out all the  |
| 9  | Q. Is that correct?                                      | 9  | signatures and addresses in a formal manner,    |
| 10 | A. Well, yes. Can I give me a 10:26:57                   | 10 | correct? 10:29:38                               |
| 11 | second to read this, okay?                               | 11 | A. Yes.                                         |
| 12 | MR. KUTIK: Can you read the                              | 12 | Q. So you could be able to provide us           |
| 13 | question, please?                                        | 13 | with the names and addresses of individuals who |
| 14 | Q. Let me start again, then.                             | 14 | signed that petition, correct?                  |
| 15 | You state in this e-mail, And when 10:27:37              | 15 | A. I can only provide you with what 10:29:47    |
| 16 | questioned about it, if it would be forever to           | 16 | people who signed it provided, and nine times   |
| 17 | discuss how the all-electric home benefited FE           | 17 | out of ten they didn't provide an address.      |
| 18 | by using up their excess supply, in essence, to          | 18 | Q. But to the extent they had                   |
| 19 | convince people it would not go away because it          | 19 | addresses, you could have provided that to us,  |
| 20 | benefited the customer and FE. 10:27:56                  | 20 | correct? 10:29:59                               |
| 21 | That's what he told you?                                 | 21 | A. Off of that website, yes.                    |
| 22 | A. Correct.                                              | 22 | Q. And that was, again, something               |
| 23 | Q. And you understood what he meant by                   | 23 | under your control; was it not?                 |
| 24 | benefited FE, correct?                                   | 24 | A. Yes.                                         |
| 25 | A. Correct. 10:28:06                                     | 25 |                                                 |

6 (Pages 291 to 294)

| . Page 295                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Page 297                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 (Thereupon, Deposition Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 Q or the issue would sign?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2 Steigerwald 30, E-mail from Susan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2 A. Right.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3 Steigerwald, was marked for purposes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 So, basically, there's random                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4 of identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4 signatures on this petition that are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 5 10:30:51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5 meaningless. 10:32:47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 6 Q. The court reporter has handed you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6 Q. But CKAP members also signed this                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 7 what is marked Exhibit 30.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7 petition?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 8 I want to direct your attention to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8 A. Sure.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 9 the bottom of the first page, and that's an                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 10 e-mail from you? 10:31:08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10 (Thereupon, Deposition Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 11 A. Correct.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 11 Steigerwald 31, E-mail from Susan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 12 Q. And the e-mail says, Re:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 12 Steigerwald to Jim and Susan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 13 Membership in CKAP. I removed it for now                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 13 Borchert, was marked for purposes of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 14 because of problems. Don't worry at this time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14 identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 15 about signing. Just come ready to testify. 10:31:26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 15 10:33:37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 16 Were you referring in this e-mail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16 Q. Ms. Steigerwald, the court reporter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 17 to the petition?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17 has handed you what's been marked Exhibit 31.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 18 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18 I want you to look at the middle of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 19 Q. And we can see that you're                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 19 the page, and that appears to be an e-mail from                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 20 referring to the petition, because if you look 10:31:38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20 you to Jim and Susan, correct? 10:33:52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 21 on the second page of this document, there's an                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 21 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 22 e-mail to you, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 22 Q. And it appears that is Jim and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 23 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 23 Susan Borchert, BORCHERT, which is                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Q. And this person who's writing to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 24 referred to at the bottom of the page, correct? 25 A. Yes. 10:34:04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 25 you says, I can't figure out how to sign the 10:31:49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 25 A. Yes. 10:34:04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Page 296                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Page 298                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1 petition, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 Q. Are they members of CKAP?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1 petition, correct? 2 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 Q. Are they members of CKAP? 2 A. Honestly, I don't know.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2 A. Honestly, I don't know. 3 Q. Okay. And then you - you are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2 A. Honestly, I don't know. 3 Q. Okay. And then you – you are 4 saying to them, You definitely qualify for the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2 A. Yes. 3 Q. This is Brock Landers, correct? 4 A. Yes. 5 Q. And you are responding to Mr. 10:31:56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A. Honestly, I don't know.  Q. Okay. And then you — you are  saying to them, You definitely qualify for the all-electric discount and to sign the petition. 10:34:19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2 A. Yes. 3 Q. This is Brock Landers, correct? 4 A. Yes. 5 Q. And you are responding to Mr. 10:31:56 6 Landers by telling him, Don't worry about                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2 A. Honestly, I don't know. 3 Q. Okay. And then you — you are 4 saying to them, You definitely qualify for the 5 all-electric discount and to sign the petition. 10:34:19 6 The only reason I put down for Ohio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2 A. Yes. 3 Q. This is Brock Landers, correct? 4 A. Yes. 5 Q. And you are responding to Mr. 10:31:56 6 Landers by telling him, Don't worry about 7 signing it?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A. Honestly, I don't know.  Q. Okay. And then you — you are  saying to them, You definitely qualify for the  all-electric discount and to sign the petition. 10:34:19  The only reason I put down for Ohio  residents was because the first week I put the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2 A. Yes. 3 Q. This is Brock Landers, correct? 4 A. Yes. 5 Q. And you are responding to Mr. 10:31:56 6 Landers by telling him, Don't worry about 7 signing it? 8 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A. Honestly, I don't know.  Q. Okay. And then you — you are  saying to them, You definitely qualify for the  all-electric discount and to sign the petition. 10:34:19  The only reason I put down for Ohio  residents was because the first week I put the  petition out there people from all over the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2 A. Yes. 3 Q. This is Brock Landers, correct? 4 A. Yes. 5 Q. And you are responding to Mr. 10:31:56 6 Landers by telling him, Don't worry about 7 signing it? 8 A. Yes. 9 Q. Can you tell me what the problems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A. Honestly, I don't know.  Q. Okay. And then you — you are  saying to them, You definitely qualify for the  all-electric discount and to sign the petition. 10:34:19  The only reason I put down for Ohio  residents was because the first week I put the  petition out there people from all over the  country were signing it like they had nothing                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2 A. Yes. 3 Q. This is Brock Landers, correct? 4 A. Yes. 5 Q. And you are responding to Mr. 10:31:56 6 Landers by telling him, Don't worry about 7 signing it? 8 A. Yes. 9 Q. Can you tell me what the problems 10 were that you refer to? 10:32:03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A. Honestly, I don't know.  Q. Okay. And then you — you are  saying to them, You definitely qualify for the all-electric discount and to sign the petition. 10:34:19  The only reason I put down for Ohio residents was because the first week I put the petition out there people from all over the country were signing it like they had nothing better to do or something. 10:34:33                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2 A. Yes. 3 Q. This is Brock Landers, correct? 4 A. Yes. 5 Q. And you are responding to Mr. 10:31:56 6 Landers by telling him, Don't worry about 7 signing it? 8 A. Yes. 9 Q. Can you tell me what the problems 10 were that you refer to? 10:32:03 11 A. Because the website allows — the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A. Honestly, I don't know.  Q. Okay. And then you — you are  saying to them, You definitely qualify for the  all-electric discount and to sign the petition. 10:34:19  The only reason I put down for Ohio  residents was because the first week I put the  petition out there people from all over the  country were signing it like they had nothing  better to do or something. 10:34:33  My intent was to make sure whoever                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2 A. Yes. 3 Q. This is Brock Landers, correct? 4 A. Yes. 5 Q. And you are responding to Mr. 10:31:56 6 Landers by telling him, Don't worry about 7 signing it? 8 A. Yes. 9 Q. Can you tell me what the problems 10 were that you refer to? 10:32:03 11 A. Because the website allows — the 12 website was only allowed minimal controls as to                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A. Honestly, I don't know.  Q. Okay. And then you — you are  saying to them, You definitely qualify for the  all-electric discount and to sign the petition. 10:34:19  The only reason I put down for Ohio  residents was because the first week I put the  petition out there people from all over the  country were signing it like they had nothing  better to do or something. 10:34:33  My intent was to make sure whoever  signed had an all-electric home in Ohio. When                                                                                                                                                                                                                                                                                                                                                     |
| 2 A. Yes. 3 Q. This is Brock Landers, correct? 4 A. Yes. 5 Q. And you are responding to Mr. 10:31:56 6 Landers by telling him, Don't worry about 7 signing it? 8 A. Yes. 9 Q. Can you tell me what the problems 10 were that you refer to? 10:32:03 11 A. Because the website allows — the 12 website was only allowed minimal controls as to 13 who could sign it. So a person didn't have to                                                                                                                                                                                                                                                                                                                                                                                                                         | A. Honestly, I don't know.  Q. Okay. And then you — you are  saying to them, You definitely qualify for the  all-electric discount and to sign the petition. 10:34:19  The only reason I put down for Ohio  residents was because the first week I put the  petition out there people from all over the  country were signing it like they had nothing  better to do or something. 10:34:33  My intent was to make sure whoever  signed had an all-electric home in Ohio. When  you sign, just put down the address of the                                                                                                                                                                                                                                                                                                         |
| 2 A. Yes. 3 Q. This is Brock Landers, correct? 4 A. Yes. 5 Q. And you are responding to Mr. 10:31:56 6 Landers by telling him, Don't worry about 7 signing it? 8 A. Yes. 9 Q. Can you tell me what the problems 10 were that you refer to? 10:32:03 11 A. Because the website allows — the 12 website was only allowed minimal controls as to 13 who could sign it. So a person didn't have to 14 be a CKAP member, a person didn't have to be in                                                                                                                                                                                                                                                                                                                                                                      | A. Honestly, I don't know.  Q. Okay. And then you — you are  saying to them, You definitely qualify for the  all-electric discount and to sign the petition. 10:34:19  The only reason I put down for Ohio  residents was because the first week I put the  petition out there people from all over the  country were signing it like they had nothing  better to do or something. 10:34:33  My intent was to make sure whoever  signed had an all-electric home in Ohio. When  you sign, just put down the address of the  all-electric property in Ohio. Hope that                                                                                                                                                                                                                                                               |
| 2 A. Yes. 3 Q. This is Brock Landers, correct? 4 A. Yes. 5 Q. And you are responding to Mr. 10:31:56 6 Landers by telling him, Don't worry about 7 signing it? 8 A. Yes. 9 Q. Can you tell me what the problems 10 were that you refer to? 10:32:03 11 A. Because the website allows — the 12 website was only allowed minimal controls as to 13 who could sign it. So a person didn't have to 14 be a CKAP member, a person didn't have to be in 15 the state of Ohio. 10:32:21                                                                                                                                                                                                                                                                                                                                       | A. Honestly, I don't know.  Q. Okay. And then you — you are  saying to them, You definitely qualify for the all-electric discount and to sign the petition. 10:34:19  The only reason I put down for Ohio residents was because the first week I put the petition out there people from all over the country were signing it like they had nothing better to do or something. 10:34:33  My intent was to make sure whoever signed had an all-electric home in Ohio. When you sign, just put down the address of the all-electric property in Ohio. Hope that clarifies things for you and thanks for 10:34:48                                                                                                                                                                                                                      |
| 2 A. Yes. 3 Q. This is Brock Landers, correct? 4 A. Yes. 5 Q. And you are responding to Mr. 10:31:56 6 Landers by telling him, Don't worry about 7 signing it? 8 A. Yes. 9 Q. Can you tell me what the problems 10 were that you refer to? 10:32:03 11 A. Because the website allows — the 12 website was only allowed minimal controls as to 13 who could sign it. So a person didn't have to 14 be a CKAP member, a person didn't have to be in 15 the state of Ohio. 10:32:21 16 What I found is people across the                                                                                                                                                                                                                                                                                                  | A. Honestly, I don't know.  Q. Okay. And then you — you are  saying to them, You definitely qualify for the all-electric discount and to sign the petition. 10:34:19  The only reason I put down for Ohio residents was because the first week I put the petition out there people from all over the country were signing it like they had nothing better to do or something. 10:34:33  My intent was to make sure whoever signed had an all-electric home in Ohio. When you sign, just put down the address of the all-electric property in Ohio. Hope that clarifies things for you and thanks for 10:34:48 signing.                                                                                                                                                                                                             |
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7 (Pages 295 to 298)

|                                                                                                                          | Page 299                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                          | Page 301                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| ,                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ,                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1                                                                                                                        | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                          | A. Um-hum, yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2                                                                                                                        | Annual Company of the | 2                                                                                                                        | Q. And when you say for a valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3                                                                                                                        | (Thereupon, Deposition Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                                                                                                                        | signature, what does that mean?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 4                                                                                                                        | Steigerwald 32, E-mail from Susan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4                                                                                                                        | A. That was my interpretation of -I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5                                                                                                                        | Steigerwald to CKAP Friends Dated 10:36:04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5                                                                                                                        | didn't want to turn any in petition that just 10:37:52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 6                                                                                                                        | July 16th, 2010, was marked for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6                                                                                                                        | had random names on it without mailing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 7                                                                                                                        | purposes of identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 ′                                                                                                                      | addresses, but what I found out is that people                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 8                                                                                                                        | 0 69 1 1 1 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8                                                                                                                        | really aren't willing to put their mailing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 9                                                                                                                        | Q. The court reporter has handed you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 9                                                                                                                        | addresses on an online petition.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 10                                                                                                                       | what's been marked as Exhibit 32. 10:35:59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10                                                                                                                       | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 11                                                                                                                       | Do you recognize this as an e-mail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11                                                                                                                       | (Thereupon, Deposition Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 12                                                                                                                       | that you sent out to CKAP friends on July 16th,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12                                                                                                                       | Steigerwald 33, E-mail from Susan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 13                                                                                                                       | 2010?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 13                                                                                                                       | Steigerwald to Amy Gomberg Dated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 14                                                                                                                       | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14                                                                                                                       | June 28, 2010, was marked for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 15                                                                                                                       | Q. And when we see e-mails of this 10:36:08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 15                                                                                                                       | purposes of identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 16                                                                                                                       | type, could we refer to them as kind of your                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 17                                                                                                                       | E-newsletters?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 17                                                                                                                       | Q. The court reporter has handed you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 18                                                                                                                       | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18                                                                                                                       | what's been marked as Exhibit 33.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 19                                                                                                                       | Q. I mean, that's what you intended                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 19                                                                                                                       | Do you recognize this as an e-mail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 20                                                                                                                       | them to be, correct? 10:36:21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20                                                                                                                       | from you to Amy Gomberg dated June 28, 2010? 10:38:49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 21                                                                                                                       | <ul> <li>A. I intended them to be updates to</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 21                                                                                                                       | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 22                                                                                                                       | CKAP members.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 22                                                                                                                       | Q. And you're asking her a question,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 23                                                                                                                       | <ul> <li>Q. Did you ever refer to them as</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 23                                                                                                                       | correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 24                                                                                                                       | newsletters?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 24                                                                                                                       | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 25                                                                                                                       | A. I don't recall if I did or not. I 10:36:29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 25                                                                                                                       | Q. And the question is, Do you know 10:38:59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| i .                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | i                                                                                                                        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1                                                                                                                        | Page 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | l                                                                                                                        | Page 302                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                                                                        | Page 302 when/for how many years the A-E customer has                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1 2                                                                                                                      | may I may have.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1<br>2                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2                                                                                                                        | may - I may have.  Q. It wouldn't be inappropriate to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                          | when/for how many years the A-E customer has had no discount during the summer months? And                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | may — I may have.  Q. It wouldn't be inappropriate to refer to them as newsletters, though?  A. I usually refer to them as updates, but sure, newsletters without the frills.  Q. Okay. And this is — I want you to refer to the page which is marked at the bottom—there are two numbers. Either look at page—page 238 or page CN 001261.  Are you there?  Q. And then at the bottom of that page, it looks like there's two paragraphs, you say, Click here to go to the website and sign our petition to make the all-electric rate  I've also added a link at the top of our website's home page. Remember that people who sign do need to live in Ohio, but do not need to live in an all-electric home.  Thus, the more of your friends and family you get to sign, the better. When you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | when/for how many years the A-E customer has had no discount during the summer months? And then you also ask, Has it always been that way?  Do you see that?  A. Yes. 10:39:13  Q. Did Ms. Gomberg respond to you?  A. I believe her response was that they were not aware — she responded — she always responds, but she didn't have the answer. 10:39:33  Q. Did you ever get an answer to that question?  A. Not from Amy, no.  Q. Okay. Did you ever get a response to that question from anyone? 10:39:42  A. Not from any person. I researched it myself and have come to my own conclusions.  Q. What was your conclusion?  A. It was — there was a date in the 80s that customers stopped getting the summer 10:39:53 rate. I don't recall the actual date, but I have it in my research.  Q. Do you know whether CEI |

8 (Pages 299 to 302)

| 1 customers? 2 A. I'm sorry; could you repeat that 3 question? 4 Q. Sure. 5 Do you know whether they paid more 10:40:15 in the summer? 7 A. CEI customers? 8 Q. Yes, CBI electric heating 9 customers, did they pay more or less than 10 standard customers in the summer? 10:40:24 11 A. They paid the same as the summer - 12 as the standard customer in the summer, but 13 they paid more than they paid during the winter. 15 Q. Do you know – do you know whether 10:40:35 all-electric customers paid more than standard 17 residential customers in the summer for CEI at 18 any time? 19 A. Not that I'm aware of. 20 Q. Why did you want to know? 21 A. Because I wanted to know. 22 Q. Why did you want to know? 23 A. Because I think it was important to 24 understand the – whether or not customers — 25 all-electric customers sever had their rate year 10:41:02 Page 3 04 1 around versus just in the winter months, as 2 they do now. 3 Q. Do you believe that all-electric 4 customers should get a discount for the summer? 5 A. I do not believe that 10:41:12 G. Q. Why not? 7 A. Because I hink that it's only fair and equitable that they are on the same playing field with – with gas heating customers during 10 the summer to cool their homes. 10:41:23 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Γ   | P 202                                                    | Γ   | D 205                                          |
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| 3 you, correct?   4 A. Yes.   5 Do you know whether they paid more   10:40:15   6 in the summer?   7 A. CEI customers?   8 Q. Yes, CEI electric heating   9 customers, did they pay more or less than   10:40:24   11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                          | 1   |                                                |
| 4 A. Yes. 5 Do you know whether they paid more 10:40:15 6 in the summer? 7 A. CEI customers? 8 Q. Yes, CEI electric heating 9 customers, did they pay more or less than 10:40:24 11 A. They paid the same as the summer - 10:40:24 12 as the standard customer in the summer, but 13 they paid more than they paid during the 14 winter. 15 Q. Do you know – do you know whether 10:40:35 16 all-electric customers paid more than standard 17 residential customers in the summer for CEI at 18 any time? 19 A. Not that I'm aware of. 20 Q. Why were you asking this question? 10:40:47 21 A. Because I wainted to know. 22 Q. Why did you want to know? 23 A. Because I wainted to know. 24 understand the – whether or not customers – all-electric customers ever had their rate year 10:41:02 25 all-electric customers ever had their rate year 10:41:02 26 Q. Why not? 27 A. Because I think it was important to 24 understand the – whether or not customers – 3 all-electric customers ever had their rate year 10:41:02 26 Q. Why not? 27 A. Because I think that it's only fair and equitable that they are on the same playing field with – with gas heating customers during 10 the summer to cool their homes. 10:41:23 11 (Thereupon, Deposition Exhibit 13 Steigerwald 34, E-mail String, was narked for purposes of identification.) 17 Q. The court reporter has handed you 17 Q. The court reporte |     |                                                          | 2   |                                                |
| Do you know whether they paid more   10:40:15   6   in the summer?   7   A. CEI customers?   7   Q. Yes, CEI electric heating   7   Customers, did they pay more or less than   10:40:24   11   A. They paid the same as the summer   10:40:24   12   as the standard customer in the summer, but   13   they paid more than they paid during the   14   winter.   15   Q. Do you know do you know whether   10:40:35   16   all-electric customers paid more than standard   10:40:35   16   all-electric customers paid more than standard   10:40:35   16   any time?   17   Q. Do you know whether   10:40:35   18   any time?   19   A. Not that I'm aware of.   20   Q. Why were you asking this question?   10:40:47   21   A. Because I winted to know.   22   Q. Why did you want to know?   23   A. Because I winted to know.   24   understand the - whether or not customers - all-electric customers sever had their rate year   10:41:02   25   around versus just in the winter months, as they do now.   2   Q. Why not?   Q.      | l . | •                                                        |     | • •                                            |
| 6 in the summer? 7 A. CEI customers? 8 Q. Yes, CEI electric heating 9 customers, did they pay more or less than 10 standard customers in the summer? 11 A. They paid the same as the summer 12 as the standard customer in the summer, but 13 they paid more than they paid during the 14 winter. 15 Q. Do you know — do you know whether 16 all-electric customers paid more than standard 17 residential customers paid more than standard 18 any time? 19 A. Not that I'm aware of. 20 Q. Why were you asking this question? 21 A. Because I wanted to know. 22 Q. Why did you want to know? 23 A. Because I think it was important to 24 understand the — whether or not customers — 25 all-electric customers ever had their rate year 26 Q. Do you believe that all-electric 27 C. Leimbach, correct? 28 A. Yes. 29 Q. And then from that there is an 29 e-mail from Sue Daugherty and Joyce 21 A. Yes. 20 Q. And then from that there is an 21 e-mail from Joyce Leimbach to Somebody called 21 Harold Butcher, correct? 29 Q. Is Ms. Leimbach a member of CKAP? 20 A. The Sandusky area. I don't know 10:43:17 21 A. Because I think it was important to 22 Q. Why did you want to know? 23 A. Because I think it was important to 24 understand the — whether or not customers — 25 all-electric customers ever had their rate year 26 all-electric customers ever had their rate year 27 A. Because I think it all-electric 28 Q. Do you believe that all-electric 29 Q. Why not? 20 A. Because I think that it's only fair 29 and equitable that they are on the same playing 29 field with — with gas heating customers during 20 the summer to cool their homes. 20 Q. Do, you believe that all-electric 21 A. No. 22 Q. Why not? 23 A. Because I think that it's only fair 24 and equitable that they are on the same playing 25 field with — with gas heating customers during 26 Q. Thereupon, Deposition Exhibit 27 A. No. 28 Q. Do you believe that all-electric 29 A. No. 20 Q. Now, I will tell you to the bottom of the summer? 30 Q. Oway You say — let me back up. 31 In the paragraph before that, the | 1   | -                                                        | _   |                                                |
| 7 A. CEI customers? 8 Q. Yes, CEI electric heating 9 customers, did they pay more or less than 10 standard customers in the summer. 11 A. They paid the same as the summer. 12 as the standard customer in the summer, but 13 they paid more than they paid during the 14 winter. 15 Q. Do you know — do you know whether 16 all-electric customers paid more than standard 17 residential customers in the summer for CEI at 18 any time? 19 A. Not that I'm aware of. 20 Q. Why were you asking this question? 21 A. Because I wanted to know. 22 Q. Why did you want to know? 23 A. Because I wanted to know. 24 understand the — whether or not customers— 25 all-electric customers ever had their rate year 10 around versus just in the winter months, as 2 they do now. 3 Q. Do you believe that all-electric 2 ustomers should get a discount for the summer? 4 customers believe that. 2 10 Q. Why not? 5 A. I do not believe that. 2 11 A. Because I think that it's only fair 2 2 2 3 A. Because I think that it's only fair 3 and equitable that they are on the same playing 4 field with — with gas heating customers during 5 field with — with gas heating customers during 6 Q. Why not? 7 A. Because I think that it's only fair 8 and equitable that they are on the same playing 9 field with — with gas heating customers during 10 the summer to cool their homes. 10:41:23 11 A. No. 22 Q. Why not? 23 A. Because I think that it's only fair 24 around versus just in the winter months, as 25 they do now. 3 Q. Do you believe that all-electric 4 customers should get a discount for the summer? 5 A. I do not believe that. 10:41:02 11 A. No. 22 Q. Why not? 23 A. Because I think that it's only fair 24 and winter. 25 all-electric customers ever had their rate year 10:41:02 11 A. No. 22 Q. Does she lead any organizations 11 ike you do or like Ms. Daugherty does? 12 A. No. 13 A. No. 14 A. No. 15 A. No. 16 A. No. 17 A. No. Why will tell you it at there is 10:43:35 18 A. No. 19 A. No. 19 A. No that I'm aware of. 20 Q. Wand they on that there is an ended to the will be addit |     |                                                          |     | - · · · · · · · · · · · · · · · · · · ·        |
| 9 customers, did they pay more or less than standard customers in the summer? 10:40:24 11 A. They paid the same as the summer but the paid more than they paid during the winter. 12 as the standard customer in the summer but the paid more than they paid during the winter. 13 they paid more than they paid during the winter. 14 winter. 15 Q. Do you know — do you know whether 10:40:35 all-electric customers paid more than standard residential customers in the summer for CEI at any time? 19 A. Not that I'm aware of. 20 Q. Why were you asking this question? 10:40:47 21 A. Because I wanted to know. 21 A. Because I wanted to know. 22 Q. Why did you want to know? 23 A. Because I think it was important to understand the — whether or not customers — all-electric customers ever had their rate year 10:41:02 21 around versus just in the winter months, as they do now. 22 Q. Why not? 23 A. Because I think it all-electric customers ever had their rate year 10:41:02 24 Q. Do you know anything else about 25 her? 25 A. I do not believe that all-electric customers should get a discount for the summer? 3 A. Because I think that it's only fair and equitable that they are on the same playing field with — with gas heating customers during the summer to cool their homes. 10:41:23 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ,   |                                                          | 7   |                                                |
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| 9 field with with gas heating customers during 10 the summer to cool their homes. 10:41:23 11 12 (Thereupon, Deposition Exhibit 13 Steigerwald 34, E-mail String, was 14 marked for purposes of 15 identification.) 16 17 Q. The court reporter has handed you  9 was on the copy that I received. 10 I assume that's not your 10:43:52 11 handwriting? 12 A. No. 13 Q. Okay. You say let me back up. 14 In the paragraph before that, the 15 second paragraph from the bottom, As far as the 10:44:2 16 subsidize issue, that's been discussed numerous 17 times. See my document located at our website,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7   |                                                          | 7   |                                                |
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| 11 handwriting? 12 (Thereupon, Deposition Exhibit 13 Steigerwald 34, E-mail String, was 14 marked for purposes of 15 identification.) 16 17 Q. The court reporter has handed you  11 handwriting? 12 A. No. 13 Q. Okay. You say let me back up. 14 In the paragraph before that, the 15 second paragraph from the bottom, As far as the 10:44:2 16 subsidize issue, that's been discussed numerous 17 times. See my document located at our website,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |                                                          | i . |                                                |
| 12 (Thereupon, Deposition Exhibit 13 Steigerwald 34, E-mail String, was 14 marked for purposes of 15 identification.) 16 17 Q. The court reporter has handed you  12 A. No. 13 Q. Okay. You say let me back up. 14 In the paragraph before that, the 15 second paragraph from the bottom, As far as the 10:44:2 16 subsidize issue, that's been discussed numerous 17 times. See my document located at our website,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | the summer to cool their homes. 10:41:23                 |     | •                                              |
| 13 Q. Okay. You say — let me back up.  14 marked for purposes of 15 identification.) 16 — — — — — — — — — — — — — — — — — — —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |                                                          |     | ~                                              |
| 14 In the paragraph before that, the 15 identification.) 16 17 Q. The court reporter has handed you  14 In the paragraph before that, the 15 second paragraph from the bottom, As far as the 10:44:2 16 subsidize issue, that's been discussed numerous 17 times. See my document located at our website,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |                                                          | 5   |                                                |
| 15 identification.) 16 15 second paragraph from the bottom, As far as the 10:44:2 16 subsidize issue, that's been discussed numerous 17 Q. The court reporter has handed you 17 times. See my document located at our website,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                          |     |                                                |
| 16 15 Subsidize issue, that's been discussed numerous 17 Q. The court reporter has handed you 17 times. See my document located at our website,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | 4 4                                                      |     |                                                |
| Q. The court reporter has handed you 17 times. See my document located at our website,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | identification.)                                         |     |                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | O The count reporter has been ded you                    |     | •                                              |
| 18 what's been marked in this deposition as 18 and you give the link.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                          | i   | ·                                              |
| 18 what's been marked in this deposition as 19 Exhibit 34.  18 and you give the link. 19 Since I wrote this document,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ŀ   |                                                          |     |                                                |
| =:====: : ··                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | F . |                                                          | 1   |                                                |
| 21 A. Yes. 21 admitted – has since admitted in the media                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | r   | •                                                        |     |                                                |
| 22 Q. The first two pages of this 22 that up till 2009 the A-E customer was never                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |                                                          |     |                                                |
| 23 document appear to be an e-mail from you to a 23 subsidized.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                                                          | ,   |                                                |
| 24 Joyce Leimbach, LEIMBACH, correct? 24 But since 2009 and the current ESP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                                          | 1   |                                                |
| 25 A. Yes. 10:42:20 25 we are in, the small A-E discount we were 10:44:51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |                                                          | !   |                                                |

9 (Pages 303 to 306)

|                                                    | Page 307                                                                                                                                                                                                                                                                   |                                              | Page 300                                                                                                                                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                    | •                                                                                                                                                                                                                                                                          |                                              | Page 309                                                                                                                                                                                                  |
|                                                    | originally given was being subsidized by the                                                                                                                                                                                                                               | 1                                            | Q. The prior e-mail, by the way, we                                                                                                                                                                       |
| 2                                                  | industrial customers.                                                                                                                                                                                                                                                      | 2                                            | discussed let me start again. Let me start                                                                                                                                                                |
| 3 4                                                | Do you see that?                                                                                                                                                                                                                                                           | 3                                            | on the first page of this document, okay?                                                                                                                                                                 |
| 5                                                  | A. Yes.                                                                                                                                                                                                                                                                    | 4                                            | The e-mail that we were talking                                                                                                                                                                           |
| 6                                                  | Q. Do you believe that to be true? 10:45:02 A. Yes.                                                                                                                                                                                                                        | 5                                            | about previously, when you were talking about 10:47:58 the subsidized issue, that was the e-mail that                                                                                                     |
| 7                                                  | Q. In other words, you believe that it                                                                                                                                                                                                                                     | 6                                            | you wrote to Ms. Leimbach on June 26, 2010,                                                                                                                                                               |
| 8                                                  | is true that the small A-E discount is being                                                                                                                                                                                                                               | 8                                            | correct?                                                                                                                                                                                                  |
| 9                                                  | subsidized by the industrial customers?                                                                                                                                                                                                                                    | 9                                            | A. Yes.                                                                                                                                                                                                   |
| 10                                                 | A. One of the two, I don't recall if 10:45:17                                                                                                                                                                                                                              | 10                                           | Q. Now, flipping to the last page of 10:48:12                                                                                                                                                             |
| 11                                                 | it's the RDC or the EDR, but one of the two,                                                                                                                                                                                                                               | 11                                           | this document, marked at the bottom with a                                                                                                                                                                |
| 12                                                 | yes.                                                                                                                                                                                                                                                                       | 12                                           | number 000117, at the top is an e-mail is                                                                                                                                                                 |
| 13                                                 | Q. Do you know if there are any other                                                                                                                                                                                                                                      | 13                                           | the carry-over of an e-mail that you wrote to                                                                                                                                                             |
| 14                                                 | customers that are paying for that?                                                                                                                                                                                                                                        | 14                                           | Ms. Daugherty and Ms. Leimbach on June 26th,                                                                                                                                                              |
| 15                                                 | A. I don't recall. 10:45:27                                                                                                                                                                                                                                                | 15                                           | 2010? 10:48:29                                                                                                                                                                                            |
| 16                                                 | Q. Then you go on to say in the next                                                                                                                                                                                                                                       | 16                                           | A. Yes.                                                                                                                                                                                                   |
| 17                                                 | paragraph, Amy Gomberg helped me understand                                                                                                                                                                                                                                | 17                                           | Q. Now, you discussed, again at the                                                                                                                                                                       |
| 18                                                 | that although we don't like it or necessarily                                                                                                                                                                                                                              | 18                                           | top of the page that's marked 117, the question                                                                                                                                                           |
| 19                                                 | think it necessary or necessarily don't                                                                                                                                                                                                                                    | 19                                           | as to what a fair rate to pay per KWH would be,                                                                                                                                                           |
| 20                                                 | think it necessary, the unfortunate situation 10:45:43                                                                                                                                                                                                                     | 20                                           | correct? 10:48:46                                                                                                                                                                                         |
| 21                                                 | is that FE is guaranteed by the PUCO a certain                                                                                                                                                                                                                             | 21                                           | A. Yes.                                                                                                                                                                                                   |
| 22                                                 | amount of required revenue. Once that revenue                                                                                                                                                                                                                              | 22                                           | Q. And is it is that your position                                                                                                                                                                        |
| 23                                                 | pie amount is determined, they must be given that amount.                                                                                                                                                                                                                  | 23<br>24                                     | today?  A. Let me take a minute to read.                                                                                                                                                                  |
| 25                                                 | Back in 2009, when the pie was 10:45:56                                                                                                                                                                                                                                    | 25                                           | Q. Sure. 10:48:59                                                                                                                                                                                         |
| 123                                                |                                                                                                                                                                                                                                                                            | 20                                           |                                                                                                                                                                                                           |
|                                                    | Page 308                                                                                                                                                                                                                                                                   |                                              | Page 310                                                                                                                                                                                                  |
| 1                                                  | determined, that would include the years 2009                                                                                                                                                                                                                              | 1                                            | A. Yes, that is my position.                                                                                                                                                                              |
| 2                                                  | till 2011; the full A-E discount was not                                                                                                                                                                                                                                   | 2                                            |                                                                                                                                                                                                           |
| ] 3                                                | figured in. Thus, if we get the discount,                                                                                                                                                                                                                                  | 3                                            | (Thereupon, Deposition Exhibit                                                                                                                                                                            |
| 4                                                  | someone has to make up that amount.                                                                                                                                                                                                                                        | 4                                            | Steigerwald 35, E-mail from Susan                                                                                                                                                                         |
| 5                                                  | Likewise, it is highly unlikely 10:46:12                                                                                                                                                                                                                                   | 5                                            | Steigerwald to Amy Gomberg Dated                                                                                                                                                                          |
| 6 7                                                | (although, it would be the honest thing to do),                                                                                                                                                                                                                            | 6<br>7                                       | June 22nd, was marked for purposes of identification.)                                                                                                                                                    |
| 8                                                  | for FE to eat the cost of giving us the discount in the future (next ESP goes from 2012                                                                                                                                                                                    | 8                                            | or identification.)                                                                                                                                                                                       |
| 9                                                  | to 2014, and there's no close paren, end of                                                                                                                                                                                                                                | 9                                            | Q. Ms. Steigerwald, the court reporter                                                                                                                                                                    |
| 10                                                 | sentence. 10:46:34                                                                                                                                                                                                                                                         | 10                                           | has handed you Exhibit 35. 10:49:54                                                                                                                                                                       |
| 11                                                 | Thus, the PUCO will approve a                                                                                                                                                                                                                                              | 11                                           | This is an e-mail that you wrote to                                                                                                                                                                       |
| 12                                                 | revenue pie for them, including charging us the                                                                                                                                                                                                                            | 12                                           | Ms. Gomberg on June 22nd, correct?                                                                                                                                                                        |
| 13                                                 | full amount. If they then discount our rates,                                                                                                                                                                                                                              | 13                                           | A. Yes.                                                                                                                                                                                                   |
| 14                                                 | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                      | 14                                           | Q. And it's about FE opposition to                                                                                                                                                                        |
|                                                    | some other rate payer will need to make up the                                                                                                                                                                                                                             | 1 6                                          | motion to intervene, correct? 10:50:05                                                                                                                                                                    |
| 15                                                 | difference. 10:46:46                                                                                                                                                                                                                                                       | 15                                           |                                                                                                                                                                                                           |
| 15<br>16                                           | difference. 10:46:46  Did I read that correctly?                                                                                                                                                                                                                           | 16                                           | A. Yes.                                                                                                                                                                                                   |
| 15<br>16<br>17                                     | difference. 10:46:46  Did I read that correctly?  A. Yes.                                                                                                                                                                                                                  | 16<br>17                                     | A. Yes. Q. And you say, Seemed like FE made                                                                                                                                                               |
| 15<br>16<br>17<br>18                               | difference. 10:46:46  Did I read that correctly?  A. Yes.  Q. And is that what you believe?                                                                                                                                                                                | 16<br>17<br>18                               | A. Yes. Q. And you say, Seemed like FE made pretty good argument to not let individual                                                                                                                    |
| 15<br>16<br>17<br>18<br>19                         | difference. 10:46:46  Did I read that correctly?  A. Yes. Q. And is that what you believe? A. Yes.                                                                                                                                                                         | 16<br>17<br>18<br>19                         | A. Yes. Q. And you say, Seemed like FE made pretty good argument to not let individual customers intervene.                                                                                               |
| 15<br>16<br>17<br>18<br>19<br>20                   | difference. 10:46:46  Did I read that correctly?  A. Yes. Q. And is that what you believe? A. Yes. Q. Let me refer you to the last page 10:47:24                                                                                                                           | 16<br>17<br>18<br>19<br>20                   | A. Yes. Q. And you say, Seemed like FE made pretty good argument to not let individual customers intervene. Do you see that? 10:50:14                                                                     |
| 15<br>16<br>17<br>18<br>19<br>20<br>21             | difference. 10:46:46  Did I read that correctly?  A. Yes. Q. And is that what you believe? A. Yes. Q. Let me refer you to the last page 10:47:24 of this document, and at the top we have a                                                                                | 16<br>17<br>18<br>19<br>20<br>21             | A. Yes. Q. And you say, Seemed like FE made pretty good argument to not let individual customers intervene. Do you see that? 10:50:14 A. Yes.                                                             |
| 15<br>16<br>17<br>18<br>19<br>20<br>21<br>22       | difference.  Did I read that correctly?  A. Yes.  Q. And is that what you believe?  A. Yes.  Q. Let me refer you to the last page 10:47:24 of this document, and at the top we have a carry-over from an e-mail that you sent to                                           | 16<br>17<br>18<br>19<br>20<br>21<br>22       | A. Yes. Q. And you say, Seemed like FE made pretty good argument to not let individual customers intervene. Do you see that? 10:50:14 A. Yes. Q. What'd you mean by that?                                 |
| 15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | difference.  Did I read that correctly?  A. Yes. Q. And is that what you believe? A. Yes. Q. Let me refer you to the last page 10:47:24 of this document, and at the top we have a carry-over from an e-mail that you sent to Ms. Daugherty and Ms. Leimbach on June 26th, | 16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | A. Yes. Q. And you say, Seemed like FE made pretty good argument to not let individual customers intervene. Do you see that? 10:50:14 A. Yes. Q. What'd you mean by that? A. There were numerous pages of |
| 15<br>16<br>17<br>18<br>19<br>20<br>21<br>22       | difference.  Did I read that correctly?  A. Yes.  Q. And is that what you believe?  A. Yes.  Q. Let me refer you to the last page 10:47:24 of this document, and at the top we have a carry-over from an e-mail that you sent to                                           | 16<br>17<br>18<br>19<br>20<br>21<br>22       | A. Yes. Q. And you say, Seemed like FE made pretty good argument to not let individual customers intervene. Do you see that? 10:50:14 A. Yes. Q. What'd you mean by that?                                 |

10 (Pages 307 to 310)

|      | . Page 311                                                                    |        | Page 313                                                      |
|------|-------------------------------------------------------------------------------|--------|---------------------------------------------------------------|
| 1    | meaning, it was voluminous.                                                   | 1      | -                                                             |
| 2    | Q. Well, you said it was a pretty good                                        | 1<br>2 | saying, you know, since you are a formal party                |
| 3    | argument. Why'd you say it was a pretty good                                  | 3      | you need to go through more formal means, correct?            |
| 4    | argument?                                                                     | 3<br>4 | A. Yes.                                                       |
| 5.   | A. I meant lengthy. 10:50:43                                                  | 5      | Q. And you tell Ms. Gomberg that, you 10:53:05                |
| 6    | Q. So that's what pretty good means to                                        | 6      | know, others other CKAP members had made                      |
| 7    | you?                                                                          | 7      | similar requests, correct?                                    |
| 8    | A. Um-hum.                                                                    | 8      | A. Yes.                                                       |
| وَ ا | Q. Is that yes?                                                               | 9      | Q. And was it correct to say that                             |
| 10   | A. Yes. 10:50:49                                                              | 10     | after you got this e-mail, you advised other 10:53:18         |
| 11   | Q. It also says, It looks like they                                           | 11     |                                                               |
| 12   | did what you feared with Bob Schmitt Homes and                                | 12     | members in their contacts with the PUCO?                      |
| 13   | Heginbotham saying they don't belong in the                                   | 13     | A. Yes.                                                       |
| 14   | proceeding because they don't qualify?                                        | 14     | Q. Why'd you do that?                                         |
| 15   | A. Correct. 10:50:59                                                          | 15     | A. My reasoning was I wanted to make 10:53:30                 |
| 16   | Q. You'd been told that, that that                                            | 16     | · C                                                           |
| 17   | would be the argument that FirstEnergy would                                  | 17     | intervene as well as myself as an individual, I               |
| 18   | make?                                                                         | 18     | wanted to be safe and make sure that CKAP                     |
| 19   | A. No. Kevin and I discussed that                                             | 19     | members weren't cut off from communicating with               |
| 20   | there would be a potential that they would not 10:51:10                       | 20     | the PUCO. 10:53:48                                            |
| 21   | be included because at the time they were not                                 | 21     | Q. Okay. So as a member as CKAP                               |
| 22   | all-electric homeowners.                                                      | 22     | members, you understood that they were supposed               |
| 23   |                                                                               | 23     | to go through formal means?                                   |
| 24   | (Thereupon, Deposition Exhibit                                                | 24     | A. No, I didn't understand that.                              |
| 25   | Steigerwald 36, E-mail from Susan                                             | 25     | Q. Okay. Well, why well, isn't it 10:53:58                    |
|      | Page 312                                                                      |        | Page 314                                                      |
| 1    | Steigerwald to Amy Gomberg Dated                                              | 1      | true you told them not to identify themselves                 |
| 2    | June 22nd, 2010, was marked for                                               | 2      | as CKAP members because you feared they would                 |
| 3    | purposes of identification.)                                                  | 3      | get the same letter that you got from Mr.                     |
| 4    |                                                                               | 4      | Campbell?                                                     |
| 5    | Q. Ms. Steigerwald, the court reporter 10:52:01                               | 5      | A. No. I knew myself as a party name 10:54:10                 |
| 6    | has handed you what's been marked as Exhibit                                  | 6      | individually was in that position, but CKAP                   |
| 7    | 36.                                                                           | 7      | members were never told that they would be in                 |
| 8    | You recognize the top of this                                                 | 8      | that position. I was attempting to avoid them                 |
| 9    | document on the first page as an e-mail that                                  | 9      | being told that.                                              |
| 10   | you sent to Amy Gomberg dated June 22nd, 2010, 10:52:19                       | 10     | Q. All right. So you were concerned 10:54:23                  |
| 11   | correct?                                                                      | 11     | that if they identified themselves as CKAP                    |
| 12   | A. Yes.                                                                       | 12     | members, they would get a letter like you did                 |
| 13   | Q. And you attach to the document —                                           | 13     | from Mr. Campbell, correct?                                   |
| 14   | to the e-mail a I assume an e-mail that you                                   | 14     | A. Yes.                                                       |
| 15   | received from the PUCO, correct? 10:52:35                                     | 15     |                                                               |
| 16   | A. Yes.                                                                       | 16     | (Thereupon, Deposition Exhibit                                |
| 17   | Q. And actually, from an individual                                           | 17     | Steigerwald 37, Series of E-mails                             |
| 18   | who works for the service monitoring and                                      | 18     | Between Susan Steigerwald and Amy                             |
| 19   | enforcement department of the PUCO by the name                                | 19     | Gomberg, was marked for purposes of                           |
| 20   | of John Campbell, correct? 10:52:47                                           | 20     | identification.)                                              |
| 21   | A. Yes.                                                                       | 21     | O Mo Stainamyold the court amounts.                           |
| 22   | Q. Is this the only contact that you bed with Mr. Completel that you know of? | 22     | Q. Ms. Steigerwald, the court reporter                        |
| 23   | had with Mr. Campbell that you know of?                                       | 23     | has handed you Exhibit 37.  This includes a series of e-mails |
| 24   | A. Yes.  O. And Mr. Campbell's basically 10:57:53                             | 24     | to Ms. Gomberg from you and from Ms. Gomberg to 10:55:27      |
|      | Q. And Mr. Campbell's basically 10:52:53                                      | ∠ ⊃    | to rep. Comogig from you and from res. Comberg to 10.55:27    |

11 (Pages 311 to 314)

|       | Page 315                                                                                         |          | Page 317                                                                      |
|-------|--------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------|
| 1     | you, correct?                                                                                    | 1        | conversations in a letter to legislators?                                     |
| 2     | A. Yes.                                                                                          | 2        | A. No.                                                                        |
| 3     | Q. And Ms. Gomberg's with the OCC,                                                               | 3        |                                                                               |
| 4     | correct?                                                                                         | 4        | (Thereupon, Deposition Exhibit                                                |
| 5     | A. Correct. 10:55:41                                                                             | 5        | Steigerwald 38, E-mail from Amy                                               |
| 6     | <ul> <li>Q. I want to refer you specifically to</li> </ul>                                       | 6        | Gomberg to Connie Kline, was marked                                           |
| 7     | the bottom of the first page or the page that's                                                  | 7        | for purposes of identification.)                                              |
| 8     | marked confidential 000126.                                                                      | 8        |                                                                               |
| 9     | This is an e-mail from Ms. Gomberg                                                               | 9        | <ul> <li>Q. Ms. Steigerwald, the court reporter</li> </ul>                    |
| 10    | to you on June 18, 2010, correct? 10:55:56                                                       | 10       | has handed you what's been marked as Exhibit 10:58:10                         |
| 11    | A. Yes,                                                                                          | 11       | 38.                                                                           |
| 12    | Q. And it says, Kevin, Sue,                                                                      | 12       | This is an e-mail from Amy Gomberg                                            |
| 13    | FirstEnergy has come back to the table with                                                      | 13       | to someone named Kline is fine, at least their                                |
| 14    | another offer regarding the all-electrics in                                                     | 14<br>15 | e-mail address, klineisfine.  Do you recognize that e-mail 10:58:27           |
|       | their proposed electric security plan. We 10:56:09 would like to share this information with you | 16       | Do you recognize that e-mail 10:58:27 address?                                |
| 17    | on a conference call this Tuesday.                                                               | 17       | A. Yes.                                                                       |
| 18    | And then she goes and talks about                                                                | 18       | Q. Who's e-mail address is that?                                              |
| 19    | when she might be available and Janine might be                                                  | 19       | A. Connie Kline.                                                              |
| 20    | available. 10:56:24                                                                              | 20       | Q. And is Connie Kline a member of 10:58:33                                   |
| 21    | Did you ultimately have the                                                                      | 21       | -                                                                             |
| 22    | conference call with OCC about this topic?                                                       | 22       | A. Yes.                                                                       |
| 23    | A. Yes.                                                                                          | 23       | Q. And how did did you ever see                                               |
| 24    | Q. And did she share with you the                                                                | 24       | this before?                                                                  |
| 25    | confidential settlement discussions they were 10:56:36                                           | 25       | A. I need a minute to take a look at 10:58:40                                 |
|       | Page 316                                                                                         |          | Page 318                                                                      |
| 1     | having with FirstEnergy?                                                                         | 1        | it, please.                                                                   |
| 2     | A. They discussed only portions that                                                             | 2        | Q. Sure.                                                                      |
| 3     | we were permitted to hear.                                                                       | 3        | A. No, I haven't seen this before.                                            |
| 4     | Q. Do you understand that the                                                                    | 4        | Q. It's a reference to the Market                                             |
| 5     | settlement conversations between FirstEnergy 10:56:45                                            | 5        | Research Service, Inc.; is that familiar to 10:59:13                          |
| 6     | and OCC were confidential?                                                                       | 6        | you?                                                                          |
| 7     | A. Yes.                                                                                          | 7        | A. No.                                                                        |
| 8     | Q. And you understand that,                                                                      | 8        | Q. Do you have any idea why Ms. Kline                                         |
| 9     | notwithstanding the fact they were                                                               | 9<br>10  | was asking Ms. Gomberg about the Market Research Service, Inc. case? 10:59:24 |
| 10    | confidential, OCC was sharing that information 10:56:56                                          | 10<br>11 | Research Service, Inc. case? 10:59:24  A. No.                                 |
| 11 12 | with you?  A. The portion that we were                                                           | 12       | A. 190,                                                                       |
| 13    | discussing, yes.                                                                                 | 13       | (Thereupon, Deposition Exhibit                                                |
| 14    | Q. You have engaged in confidential                                                              | 14       | Steigerwald 39, E-mail from Susan                                             |
| 15    | settlement discussions yourself; have you not? 10:57:06                                          | 15       | Steigerwald Dated March 11, 2010,                                             |
| 16    | A. Yes.                                                                                          | 16       | was marked for purposes of                                                    |
| 17    | Q. With the staff of the PUCO?                                                                   | 17       | identification.)                                                              |
| 18    | A. Yes.                                                                                          | 18       |                                                                               |
| 19    | <ul> <li>Q. And did you divulge the substance</li> </ul>                                         | 19       | Q. The court reporter has handed you                                          |
| 20    | of those discussions to others? 10:57:16                                                         | 20       | what's been marked as Exhibit 39. 11:00:08                                    |
| 21    | A. No.                                                                                           | 21       | On the first page, about less than                                            |
| 22    | Q. Okay. Did you not divulge the                                                                 | 22       | a quarter of the way down, there's an e-mail                                  |
| 23    | discussions with John Funk of The Plain Dealer?                                                  | 23       | from you, correct?                                                            |
| 24    | A. I did not. Q. You did not discuss those 10:57:23                                              | 24       | A. Yes. Q. And the e-mail is dated March 11, 11:00:27                         |
|       | Q. You did not discuss those 10:57:23                                                            | 25       | O. And the e-mail is dated March 11, 11:00:27                                 |

12 (Pages 315 to 318)

|     | Page 319                                                                  |    | Page 321                                                            |
|-----|---------------------------------------------------------------------------|----|---------------------------------------------------------------------|
| ١,  |                                                                           | 1  |                                                                     |
| 1 2 | 2010?<br>A. Yes.                                                          | 1  | Did he tell you that he felt that                                   |
| 3   |                                                                           | 3. | well, did he mention which judges were friendlier?                  |
| 4   | Q. And you are relaying in that e-mail a request from John Funk, correct? | 4  | A. No.                                                              |
| 5   | A. Yes. 11:00:42                                                          | 5  | Q. Did he mention whether the judges 11:02:40                       |
| 6   | Q. Among other things, correct?                                           | 6  | on the trial court were friendly?                                   |
| 7   | A. Yes.                                                                   | 7  | A. No.                                                              |
| 8   | Q. On the next page, there's another                                      | 8  | Q. Did he mention whether the judges                                |
| 9   | e-mail from you to someone named Bridget,                                 | 9  | in the court of appeals were friendly?                              |
| 10  | correct? 11:00:59                                                         | 10 | A. No. 11:02:50                                                     |
| 11  | A. Yes.                                                                   | 11 | Q. Did he mention any judges by name?                               |
| 12  | Q. And it appears that that e-mail is                                     | 12 | A. No.                                                              |
| 13  | responding to an e-mail that you received from                            | 13 | Q. Did he mention the fact that his                                 |
| 14  | Bridget Brigham on March 12, correct?                                     | 14 | wife is a judge?                                                    |
| 15  | A. Yes. 11:01:11                                                          | 15 | A. No. 11:02:55                                                     |
| 16  | Q. And then on the next page, there is                                    | 16 | <ul> <li>Q. Am I correct to understand you were</li> </ul>          |
| 17  | an e-mail from a Brad Powell to you, correct?                             | 17 | not named as a plaintiff in Mr. Grendell's                          |
| 18  | A. Yes.                                                                   | 18 | lawsuit?                                                            |
| 19  | Q. And then following that, there is                                      | 19 | A. Correct.                                                         |
| 20  | an e-mail from you, correct? 11:01:33                                     | 20 | Q. Why is that? 11:03:14                                            |
| 21  | A. Yes.                                                                   | 21 | A. I don't know.                                                    |
| 22  | Q. And you say in that e-mail, There                                      | 22 | Q. Do you believe you should have                                   |
|     | is no need to file another class action in Lake                           | 23 | been?                                                               |
| 24  | County. Although, Grendell filed his in Geauga                            | 24 | A. No, not necessarily.                                             |
| 25  | to get friendlier judges, it applies to all 11:01:51                      | 25 | Q. Did you ever ask Mr. Grendell why 11:03:19                       |
|     | Page 320                                                                  |    | Page 322                                                            |
| 1   | citizens of Ohio regardless of where they live.                           | 1  | you were not named?                                                 |
| 2   | Do you see that?                                                          | 2  | A. No.                                                              |
| 3   | A. Yes.                                                                   | 3  | Q. That subject never came up between                               |
| 4   | Q. And that's something you said?                                         | 4  | you and him?                                                        |
| 5   | A. Yes. 11:02:01                                                          | 5  | A. Correct. 11:03:27                                                |
| 6   | Q. Why did you understand that there                                      | 6  | /Therease Democial on Publishia                                     |
| 7   | were friendly judges in Geauga County?                                    | 7  | (Thereupon, Deposition Exhibit<br>Steigerwald 40, E-mail from Susan |
| 8   | A. Because Mr. Grendell lives in                                          | 9  | Steigerwald Dated December 19th,                                    |
| 9   | Geauga County.  O. And he told you that these judges 11:02:10             | 10 | 2010, was marked for purposes of                                    |
| 11  | Q. And he told you that these judges 11:02:10 were friends of his?        | 11 | identification.)                                                    |
| 12  | A. Not friends of his, no, but                                            | 12 | identifications)                                                    |
| 13  | friendlier than if he had filed in Cuyahoga                               | 13 | Q. The court reporter has handed you                                |
| 14  | County.                                                                   | 14 | what has been marked as Exhibit 40.                                 |
| 15  | Q. Okay. Can you be more specific as 11:02:18                             | 15 | I want to start about halfway down 11:04:17                         |
| 16  | to what you mean by that?                                                 | 16 | the first page; that's an e-mail that you sent                      |
| 17  | A. No.                                                                    | 17 | out to your CKAP friends, in quotes, correct?                       |
| 18  | Q. Okay. He just told you that they                                       | 18 | A. Yes.                                                             |
| 19  | were friendlier judges?                                                   | 19 | Q. Dated December 19th, 2010, correct?                              |
| 20  | A. Correct.                                                               | 20 | A. Yes. 11:04:29                                                    |
| 21  | Q. Because he lived there?                                                | 21 | Q. And you say you basically need                                   |
| 22  | A. Correct.                                                               | 22 | bills for 3,500 kilowatts.                                          |
| 23  | Q. And that he knew them?                                                 | 23 | Do you see that?                                                    |
| 24  | A. He knew of them, yes.                                                  | 24 | A. Yes.                                                             |
| 25  | Q. He knew of them. 11:02:33                                              | 25 | Q. Why were you asking for that? 11:04:38                           |

13 (Pages 319 to 322)

| 1                                                                                                         | Page 323                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                | Page 325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 1                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2                                                                                                         | A. I wanted to evaluate the impacts at an average usage of 3,500 kilowatts for a                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                                                                              | I'm talking about in the body of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 3                                                                                                         | winter bill.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                                                              | your e-mail, is there any fact in that e-mail that's untrue?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4                                                                                                         | Q. Did you receive bills at that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4                                                                                                              | A. Okay. Let me I'll take a minute                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 5                                                                                                         | level? 11:04:49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5                                                                                                              | to read. 11:06:56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 6                                                                                                         | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6                                                                                                              | The facts are correct except that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 7                                                                                                         | Q. Is it the case that your bills are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7                                                                                                              | NOPEC wasn't allowed NOPEC/GEXAS/FirstEnergy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8                                                                                                         | at that level?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8                                                                                                              | Solutions at the time I wrote this e-mail was                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 9                                                                                                         | A. No, my bills are higher.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9                                                                                                              | not allowed to service all-electric customers,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 10                                                                                                        | Q. So your bills are higher than 3,500 11:04:56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                             | whereas now they are. 11:07:57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 11                                                                                                        | kilowatts on a monthly basis?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11                                                                                                             | Q. But at the time you wrote you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 12                                                                                                        | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12                                                                                                             | wrote this, every fact stated here is true?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 13                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 13                                                                                                             | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 14                                                                                                        | (Thereupon, Deposition Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 14                                                                                                             | Q. Now, the last sentence of this                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 15                                                                                                        | Steigerwald 41, E-mail from Susan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 15                                                                                                             | e-mail, you're talking about how a small group 11:08:10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 16                                                                                                        | Steigerwald to Vince Astor Dated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 16                                                                                                             | got together with Mr. Grendell, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 17                                                                                                        | February 25, 2010, was marked for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17                                                                                                             | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 18                                                                                                        | purposes of identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18                                                                                                             | Q. Did you form that small group or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 19                                                                                                        | ~ ~ ~ ~ ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 19                                                                                                             | was that small group formed by Mr. Grendell?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 20                                                                                                        | Q. The court reporter has handed you 11:05:46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20                                                                                                             | A. It was formed by Mr. Grendell. 11:08:23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 21                                                                                                        | what's been marked Exhibit 41.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 21                                                                                                             | Q. Okay. And at that meeting, was the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 22                                                                                                        | At the top this is an e-mail that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 22                                                                                                             | idea that there were oral or verbal promises                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 23                                                                                                        | you wrote to someone named Vince, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 23                                                                                                             | made discussed?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 24                                                                                                        | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 24                                                                                                             | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 25                                                                                                        | Q. And as we go more than halfway down 11:05:55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 25                                                                                                             | Q. And was that an issue that was 11:08:36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1                                                                                                         | Page 324                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                | Page 326                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1                                                                                                         | the page, we can see you're responding to an                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                              | raised by Mr. Grendell?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2                                                                                                         | e-mail from Vince Astor, A S T O R, dated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2                                                                                                              | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3                                                                                                         | February 25, 2010, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3                                                                                                              | Q. And would it be fair to say Mr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4                                                                                                         | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | , ,                                                                                                            | Q. Alla would it oo tan to say ivi.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4                                                                                                         | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4                                                                                                              | Grendell came up with the idea that arguing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 5                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | i                                                                                                              | Grendell came up with the idea that arguing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4                                                                                                              | Grendell came up with the idea that arguing that there were verbal or oral promises would 11:08:53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 5                                                                                                         | Q. Can we assume that this was shortly 11:06:10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4<br>5                                                                                                         | Grendell came up with the idea that arguing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 5<br>6<br>7<br>8                                                                                          | Q. Can we assume that this was shortly 11:06:10 your e-mail was shortly thereafter, and by                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4<br>5<br>6                                                                                                    | Grendell came up with the idea that arguing that there were verbal or oral promises would be an effective way to get the all-electric 11:08:53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 5<br>6<br>7<br>8<br>9                                                                                     | Q. Can we assume that this was shortly 11:06:10 your e-mail was shortly thereafter, and by that I mean within the week or so?                                                                                                                                                                                                                                                                                                                                                                                                                    | 4<br>5<br>6<br>7                                                                                               | Grendell came up with the idea that arguing that there were verbal or oral promises would 11:08:53 be an effective way to get the all-electric discount reinstated?  A. It's not correct to say that he came up with the ideas because other people had                                                                                                                                                                                                                                                                                                                                                                                                |
| 5<br>6<br>7<br>8<br>9                                                                                     | Q. Can we assume that this was shortly 11:06:10 your e-mail was shortly thereafter, and by that I mean within the week or so? A. Sure. Yes. Q. Now, you're describing some certain things to Mr. Astor, correct? 11:06:25                                                                                                                                                                                                                                                                                                                        | 4<br>5<br>6<br>7<br>8<br>9                                                                                     | Grendell came up with the idea that arguing that there were verbal or oral promises would 11:08:53 be an effective way to get the all-electric discount reinstated?  A. It's not correct to say that he came up with the ideas because other people had similar ideas at the time. 11:09:08                                                                                                                                                                                                                                                                                                                                                            |
| 5<br>6<br>7<br>8<br>9<br>10<br>11                                                                         | Q. Can we assume that this was shortly 11:06:10 your e-mail was shortly thereafter, and by that I mean within the week or so?  A. Sure. Yes. Q. Now, you're describing some certain things to Mr. Astor, correct? 11:06:25 A. Yes.                                                                                                                                                                                                                                                                                                               | 4<br>5<br>6<br>7<br>8<br>9<br>10<br>11                                                                         | Grendell came up with the idea that arguing that there were verbal or oral promises would 11:08:53 be an effective way to get the all-electric discount reinstated?  A. It's not correct to say that he came up with the ideas because other people had similar ideas at the time. 11:09:08  Q. Okay. But he but he was the one                                                                                                                                                                                                                                                                                                                        |
| 5<br>6<br>7<br>8<br>9<br>10<br>11<br>12                                                                   | Q. Can we assume that this was shortly 11:06:10  your e-mail was shortly thereafter, and by that I mean within the week or so?  A. Sure. Yes. Q. Now, you're describing some certain things to Mr. Astor, correct? 11:06:25  A. Yes. Q. You're providing some facts as to                                                                                                                                                                                                                                                                        | 4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12                                                                   | Grendell came up with the idea that arguing that there were verbal or oral promises would 11:08:53 be an effective way to get the all-electric discount reinstated?  A. It's not correct to say that he came up with the ideas because other people had similar ideas at the time. 11:09:08  Q. Okay. But he but he was the one that raised that issue, correct?                                                                                                                                                                                                                                                                                       |
| 5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                             | Q. Can we assume that this was shortly 11:06:10  your e-mail was shortly thereafter, and by that I mean within the week or so?  A. Sure. Yes. Q. Now, you're describing some certain things to Mr. Astor, correct? 11:06:25  A. Yes. Q. You're providing some facts as to your background, correct?                                                                                                                                                                                                                                              | 4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12                                                                   | Grendell came up with the idea that arguing that there were verbal or oral promises would 11:08:53 be an effective way to get the all-electric discount reinstated?  A. It's not correct to say that he came up with the ideas because other people had similar ideas at the time. 11:09:08  Q. Okay. But he but he was the one that raised that issue, correct?  A. He was one of the people who raised                                                                                                                                                                                                                                               |
| 5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                             | Q. Can we assume that this was shortly 11:06:10  - your e-mail was shortly thereafter, and by that I mean within the week or so?  A. Sure. Yes. Q. Now, you're describing some certain things to Mr. Astor, correct? 11:06:25  A. Yes. Q. You're providing some facts as to your background, correct?  A. Yes.                                                                                                                                                                                                                                   | 4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                             | Grendell came up with the idea that arguing that there were verbal or oral promises would 11:08:53 be an effective way to get the all-electric discount reinstated?  A. It's not correct to say that he came up with the ideas because other people had similar ideas at the time. 11:09:08  Q. Okay. But he but he was the one that raised that issue, correct?  A. He was one of the people who raised it, along with other customers who were                                                                                                                                                                                                       |
| 5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15                                                 | Q. Can we assume that this was shortly 11:06:10  your e-mail was shortly thereafter, and by that I mean within the week or so?  A. Sure. Yes. Q. Now, you're describing some certain things to Mr. Astor, correct? 11:06:25  A. Yes. Q. You're providing some facts as to your background, correct?  A. Yes. Q. And you're giving him some advice 11:06:36                                                                                                                                                                                       | 4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15                                                 | Grendell came up with the idea that arguing that there were verbal or oral promises would 11:08:53 be an effective way to get the all-electric discount reinstated?  A. It's not correct to say that he came up with the ideas because other people had similar ideas at the time. 11:09:08  Q. Okay. But he but he was the one that raised that issue, correct?  A. He was one of the people who raised                                                                                                                                                                                                                                               |
| 5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                                           | Q. Can we assume that this was shortly 11:06:10  your e-mail was shortly thereafter, and by that I mean within the week or so?  A. Sure. Yes. Q. Now, you're describing some certain things to Mr. Astor, correct? 11:06:25  A. Yes. Q. You're providing some facts as to your background, correct?  A. Yes. Q. And you're giving him some advice 11:06:36 as well, correct?                                                                                                                                                                     | 4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                                           | Grendell came up with the idea that arguing that there were verbal or oral promises would 11:08:53 be an effective way to get the all-electric discount reinstated?  A. It's not correct to say that he came up with the ideas because other people had similar ideas at the time. 11:09:08  Q. Okay. But he but he was the one that raised that issue, correct?  A. He was one of the people who raised it, along with other customers who were present. 11:10:32                                                                                                                                                                                     |
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| 5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22       | Q. Can we assume that this was shortly 11:06:10  your e-mail was shortly thereafter, and by that I mean within the week or so?  A. Sure. Yes. Q. Now, you're describing some certain things to Mr. Astor, correct? 11:06:25  A. Yes. Q. You're providing some facts as to your background, correct?  A. Yes. Q. And you're giving him some advice 11:06:36 as well, correct?  A. Yes. Q. Are all the facts that you're stating in this e-mail true?  A. I need a minute to take a look 11:06:42 here. Q. Sure.                                   | 4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22       | Grendell came up with the idea that arguing that there were verbal or oral promises would 11:08:53 be an effective way to get the all-electric discount reinstated?  A. It's not correct to say that he came up with the ideas because other people had similar ideas at the time. 11:09:08  Q. Okay. But he but he was the one that raised that issue, correct?  A. He was one of the people who raised it, along with other customers who were present. 11:10:32  (Thereupon, Deposition Exhibit Steigerwald 42, Series of E-mails, was marked for purposes of identification.)  Q. The court reporter has handed you                                |

14 (Pages 323 to 326)

| •                                                                                              | Page 327                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                         | Page 329                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ١.                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                         | Ť                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1                                                                                              | correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                                                                       | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| [ 2                                                                                            | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2                                                                                                       | Q. And other members of CKAP, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3                                                                                              | Q. The e-mail the document starts                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3                                                                                                       | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 4                                                                                              | out with an e-mail that you wrote, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4                                                                                                       | Q. So he's your lawyer, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 5                                                                                              | A. Yes. 11:11:08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                                                                                                       | A. He is a lawyer for the lawsuit, 11:13:13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 6                                                                                              | Q. And you're responding to an e-mail                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6                                                                                                       | yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 7                                                                                              | from James Reed, R E E D, dated March 31, 2010,                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 8                                                                                              | correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8                                                                                                       | (Thereupon, Deposition Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 9                                                                                              | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9                                                                                                       | Steigerwald 43, Document Bates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 10                                                                                             | Q. He's advising you that he went to 11:11:20                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10                                                                                                      | Stamped 000890 and 000891, was                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 11                                                                                             | the Geauga County Tax Department today and                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11                                                                                                      | marked for purposes of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 12                                                                                             | filed for re-evaluation of his property down to                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12                                                                                                      | identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 13                                                                                             | zero, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 13                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 14                                                                                             | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 14                                                                                                      | Q. The court reporter has handed you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 15                                                                                             | Q. Did the Geauga County Tax 11:11:30                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15                                                                                                      | what has been marked Exhibit 43. 11:14:34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 16                                                                                             | Department ever react on his request?                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16                                                                                                      | It starts out a little less than a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 17                                                                                             | A. I don't know.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17                                                                                                      | quarter of the way down with an e-mail that you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 18                                                                                             | Q. Following Mr. Reed's e-mail, there                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 18                                                                                                      | wrote to folks?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 19                                                                                             | was another e-mail from you to Larry, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 19                                                                                                      | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 20                                                                                             | A. Yes. 11:11:48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20                                                                                                      | Q. That's followed by another e-mail 11:14:44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 21                                                                                             | Q. And Larry is Larry Baker, whose                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 21                                                                                                      | that you wrote?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 22                                                                                             | name appears at the bottom of the second page                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 22                                                                                                      | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 23                                                                                             | of this document?                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 23                                                                                                      | <li>Q. And going on to the second page,</li>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 24                                                                                             | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 24                                                                                                      | over halfway down, there's a memo from Karen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 25                                                                                             | Q. Mr. Baker wrote an e-mail to 11:12:07                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 25                                                                                                      | Haney or an e-mail from Karen Haney? 11:15:02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                | Page 328                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                         | Page 330                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 1                                                                                              | Senator Grendell?                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                                                                                                       | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2                                                                                              | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                         | O. And it says, I'm grateful for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 3                                                                                              | O. And that e-mail was then forwarded                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3                                                                                                       | Q. And it says, I'm grateful for whoever called and left a message on our phone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3                                                                                              | Q. And that e-mail was then forwarded to you?                                                                                                                                                                                                                                                                                                                                                                                                                                                   | l .                                                                                                     | whoever called and left a message on our phone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4                                                                                              | to you?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3<br>4                                                                                                  | whoever called and left a message on our phone<br>the day before or I wouldn't have known about                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4 5                                                                                            | to you? A. Yes. 11:12:15                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3<br>4<br>5                                                                                             | whoever called and left a message on our phone<br>the day before or I wouldn't have known about<br>it. 11:15:13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4<br>5<br>6                                                                                    | to you? A. Yes. 11:12:15 Q. Was Mr. Baker a member of CKAP?                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3<br>4                                                                                                  | whoever called and left a message on our phone the day before or I wouldn't have known about it. 11:15:13 Do you see that?                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 4<br>5<br>6<br>7                                                                               | to you?  A. Yes. 11:12:15  Q. Was Mr. Baker a member of CKAP?  A. At the time he was not.                                                                                                                                                                                                                                                                                                                                                                                                       | 3<br>4<br>5<br>6                                                                                        | whoever called and left a message on our phone the day before or I wouldn't have known about it. 11:15:13  Do you see that? A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4<br>5<br>6<br>7<br>8                                                                          | to you?  A. Yes. 11:12:15  Q. Was Mr. Baker a member of CKAP?  A. At the time he was not.  Q. Is he is he now?                                                                                                                                                                                                                                                                                                                                                                                  | 3<br>4<br>5<br>6<br>7                                                                                   | whoever called and left a message on our phone the day before or I wouldn't have known about it. 11:15:13  Do you see that? A. Yes. Q. Do you know who called her?                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 4<br>5<br>6<br>7<br>8<br>9                                                                     | to you?  A. Yes. 11:12:15  Q. Was Mr. Baker a member of CKAP?  A. At the time he was not.  Q. Is he is he now?  A. I don't know.                                                                                                                                                                                                                                                                                                                                                                | 3<br>4<br>5<br>6<br>7<br>8                                                                              | whoever called and left a message on our phone the day before or I wouldn't have known about it. 11:15:13  Do you see that? A. Yes. Q. Do you know who called her? A. My understanding is they were robot                                                                                                                                                                                                                                                                                                                                                                                          |
| 4<br>5<br>6<br>7<br>8<br>9                                                                     | to you?  A. Yes. 11:12:15  Q. Was Mr. Baker a member of CKAP?  A. At the time he was not.  Q. Is he is he now?  A. I don't know.  Q. Okay. Was Mr. Grendell or is 11:12:31                                                                                                                                                                                                                                                                                                                      | 3<br>4<br>5<br>6<br>7<br>8<br>9                                                                         | whoever called and left a message on our phone the day before or I wouldn't have known about it. 11:15:13  Do you see that?  A. Yes. Q. Do you know who called her? A. My understanding is they were robot calls from Senator ex-state rep Patton's 11:15:20                                                                                                                                                                                                                                                                                                                                       |
| 4<br>5<br>6<br>7<br>8<br>9<br>10                                                               | to you?  A. Yes. 11:12:15  Q. Was Mr. Baker a member of CKAP?  A. At the time he was not.  Q. Is he is he now?  A. I don't know.  Q. Okay. Was Mr. Grendell or is 11:12:31  Mr. Grendell a member of CKAP?                                                                                                                                                                                                                                                                                      | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10                                                                   | whoever called and left a message on our phone the day before or I wouldn't have known about it. 11:15:13  Do you see that?  A. Yes. Q. Do you know who called her? A. My understanding is they were robot calls from Senator ex-state rep Patton's 11:15:20 office.                                                                                                                                                                                                                                                                                                                               |
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15 (Pages 327 to 330)

| Page 331                                                                  | Page 333                                                             |
|---------------------------------------------------------------------------|----------------------------------------------------------------------|
| 1 the bottom of the first page, and then                                  | 1 A. Yes.                                                            |
| 2 continuing on through the rest of the document                          | 2 Q. And this is an e-mail that you                                  |
| 3 to the top of the last page.                                            | 3 wrote dated March 16, 2010, correct?                               |
| 4 My question to you is: This is an                                       | 4 A. Yes.                                                            |
| 5 e-mail or an update or a newsletter that you 11:17:03                   | 5 Q. Let me have you turn to the second 11:20:58                     |
| 6 wrote on February 24th, 2010, correct?                                  | 6 page of this document.                                             |
| 7 A. Yes.                                                                 | 7 You mention in the bottom paragraph                                |
| 8 Q. And would it be fair to say that in                                  | 8 there that you spoke with Mr. Grendell on                          |
| 9 this update or newsletter that your statement                           | 9 Thursday. He wanted to reiterate to us how                         |
| 10 of facts you believed to be true? 11:17:21                             | 10 important it is for us to keep active during 11:21:16             |
| 11 A. I'll need a minute to to read                                       | 11 the next 90 days and make sure the governor                       |
| 12 through everything.                                                    | 12 knows that we are not going away.                                 |
| 13 Q. Well, I guess my question is: Is                                    | 13 He also suggested our group get a                                 |
| 14 it your practice to send out e-mails with                              | 14 name relating to keeping the promise, hence                       |
| 15 statements of facts you believe to be untrue? 11:17:39                 | 15 keeping insistence for keeping the 11:21:28                       |
| 16 A. No.                                                                 | 16 all-electric promise.                                             |
| 17 Q. So if it's an e-mail, can we assume                                 | 17 Do you see that? 18 A. Yes.                                       |
| 18 that you believed it to be true at the time you 19 wrote it?           | J .                                                                  |
| 20 A. Yes. 11:17:47                                                       | 19 Q. Is that true?<br>20 A. Yes. 11:21:34                           |
| 20 A. 165. 11.17.47                                                       | 21 Q. When did he suggest to you that                                |
| 22 (Thereupon, Deposition Exhibit                                         | 22 there should be a name?                                           |
| 23 Steigerwald 45, E-mail from Susan                                      | 23 A. It would have been shortly before                              |
| 24 Steigerwald Dated March 3rd, 2010,                                     | 24 this e-mail. I don't recall the exact date.                       |
| 25 was marked for purposes of                                             | 25 Q. Was he your lawyer at this time? 11:21:46                      |
| Page 332                                                                  | Page 334                                                             |
| 1 identification.)                                                        | 1 A. No.                                                             |
| 2                                                                         | 2 Q. Okay. Was he a lawyer for the                                   |
| 3 Q. The court reporter has handed you                                    | 3 lawsuit at this time?                                              |
| 4 what's been marked Exhibit 45.                                          | 4 A. He was a lawyer for the lawsuit.                                |
| 5 I want to direct your attention to 11:18:47                             | 5 Q. Which you were involved? 11:21:55                               |
| 6 a little more than a third of the way down the                          | 6 A. Yes.                                                            |
| 7 first page going to the end of the document,                            | 7 Q. And he specifically mentioned to                                |
| 8 almost three quarters of the way down. Is this                          | 8 you that it should have something to do with                       |
| 9 another e-mail update, newsletter that you                              | 9 keeping the promise?                                               |
| 10 wrote? 11:19:03                                                        | 10 A. Yes. 11:22:05                                                  |
| 11 A. Yes.                                                                | 11 Q. And was it you or he that came up                              |
| 12 Q. And this one's dated March 3rd,                                     | 12 with the name Citizens For Keeping the                            |
| 13 2010?                                                                  | 13 All-Electric Promise?                                             |
| 14 A. Yes.                                                                | 14 A. I came up with the name. 15 Q. Did you run it by him? 11:22:13 |
| 15 (Thereupon, Deposition Exhibit                                         |                                                                      |
| 16 (Thereupon, Deposition Exhibit<br>17 Steigerwald 46, E-mail from Susan | 16 A. No.<br>17 Q. Did you ask him what he thought                   |
| 18 Steigerwald Dated March 16th, 2010,                                    | 18 about it?                                                         |
| 19 was marked for purposes of                                             | 19 A. No.                                                            |
| 20 identification.)                                                       | Q. Did he ever give a reaction to it? 11:22:18                       |
| 21                                                                        | 21 A. Yes.                                                           |
| 22 Q. The court reporter has handed you                                   | 22 Q. What did he say?                                               |
| 23 what's been marked as Exhibit 46.                                      | 23 A. He said he liked it.                                           |
| Do you recognize this as an e-mail,                                       | 24                                                                   |
|                                                                           |                                                                      |

16 (Pages 331 to 334)

| $\overline{}$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | •        |                                                                                  |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------|
|               | Page 335                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          | Page 337                                                                         |
| 1             | Steigerwald 47, E-mail from Sue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1        | A. Yes.                                                                          |
| 2             | Steigerwald Dated February 26th,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2        | Q. This is, obviously these                                                      |
| 3             | 2010, was marked for purposes of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3        | newsletters are things that you wrote, correct?                                  |
| 4             | identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4        | A. Yes.                                                                          |
| 5             | 11:22:56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5        | Q. This one is dated March 9, 2010, 11:26:36                                     |
| 6             | Q. The court reporter has handed you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6        | correct?                                                                         |
| 7             | what's been marked as Exhibit 47.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7        | A. Yes.                                                                          |
| 8             | Let me refer you to the bottom of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8        | Q. And in this e-mail, you're                                                    |
| 9             | the first page where it begins, from Sue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 9        | instructing individuals how to file complaints,                                  |
| 11            | Steigerwald, and your e-mail address, sent 11:23:06<br>Friday, February 26th, 2010, 1:12 a.m.,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10<br>11 | correct? 11:26:56<br>A. Yes.                                                     |
| 12            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12       |                                                                                  |
| 13            | Subject, big news, OCC makes counter proposal.  And then the rest of this document                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 13       | Q. And you're instructing them on the second page to cut and paste baby, cut and |
| 14            | until the top of the last page represents your                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 14       | paste, correct?                                                                  |
| 15            | e-mail, E-newsletter or update to members of 11:23:25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15       | A. Yes. 11:27:06                                                                 |
| 16            | CKAP, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 16       | O. And this advice or e-mail is                                                  |
| 17            | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 17       | basically repeated through the rest of this                                      |
| 18            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 18       | document, correct, till the last page?                                           |
| 19            | (Thereupon, Deposition Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 19       | A. What do you mean by this advice?                                              |
| 20            | Steigerwald 48, E-mail from Susan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 20       | Q. Well, you have an e-mail that 11:27:21                                        |
| 21            | Steigerwald to CKAP Members Dated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 21       | starts on the first page of this document, and                                   |
| 22            | February 27th, 2010, was marked for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 22       | that e-mail appears to go until the page that's                                  |
| 23            | purposes of identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 23       | marked 37, correct?                                                              |
| 24            | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 24       | A. Right, the e-mail continues, yes.                                             |
| 25            | Q. Ms. Steigerwald, the court reporter 11:24:44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 25       | Q. And then on page 37, there's a 11:27:37                                       |
|               | Page 336                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          | Page 338                                                                         |
| 1             | has handed you what's been marked as Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1        | similar e-mail that you're writing; this one                                     |
| 2             | 48.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2        | dated February 19th, correct? And it appears                                     |
| 3             | This is an e-mail or update that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3        | to be quite similar to the first e-mail; would                                   |
| 4             | you wrote to CKAP members dated February 27th,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4        | you agree?                                                                       |
| 5             | 2010, correct? 11:25:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5        | A. Yes. 11:27:56                                                                 |
| 6             | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6        | Q. So these what we see in Exhibit                                               |
| 7             | Q. And this e-mail, newsletter, update                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7        | 49 are two e-mails where you're urging CKAP                                      |
| 8             | runs to the second to last or, actually the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8        | members to complain?                                                             |
| 9             | second the last page of this document,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9        | A. Yes.                                                                          |
| 10            | correct? 11:25:15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10       | Q. And how to file complaints? 11:28:09                                          |
| 11            | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 11       | A. Yes.                                                                          |
| 12            | (Themeson Demonstrate Park 9 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12       | Q. Including cutting and pasting?                                                |
| 13            | (Thereupon, Deposition Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 13       | A. Cutting and pasting their thoughts                                            |
| 14            | Steigerwald 49, E-mail from Susan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 14       | into these different links, yes.                                                 |
| 15            | Steigerwald Dated March 9th, 2010,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15<br>16 | (Thereupon, Deposition Exhibit                                                   |
| 17            | was marked for purposes of identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17       | Steigerwald 50, E-mail from Susan                                                |
| 18            | identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 18       | Steigerwald 50, E-man from Susan<br>Steigerwald Dated March 18th, 2010,          |
| 19            | Q. Ms. Steigerwald, the court reporter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 19       | was marked for purposes of                                                       |
| 20            | has handed you what's been marked as Exhibit 11:26:13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20       | identification.)                                                                 |
| 21            | 49.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 21       | identification.                                                                  |
| 22            | Starting about a little more than                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 22       | Q. Ms. Steigerwald, the court reporter                                           |
| 23            | halfway down the first page, there is another                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 23       | has handed you Exhibit 50.                                                       |
| 24            | e-mail, E-newsletter or update that you're                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 24       | This, too, is another e-mail,                                                    |
| 25            | sending out, correct? 11:26:29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 25       |                                                                                  |
|               | The continues and a continues of the con | 23       | 2 12 13 13 15 16 16 16 16 16 16 16 16 16 16 16 16 16                             |

17 (Pages 335 to 338)

|     | Page 339                                                |    | Page 341                                                 |
|-----|---------------------------------------------------------|----|----------------------------------------------------------|
| 1   | out to your CKAP friends, correct?                      | 1  |                                                          |
| 2   | A. Yes.                                                 | 2  | (Thereupon, Deposition Exhibit                           |
| 3   | Q. This one is dated March 18,                          | 3  | Steigerwald 53, E-mail from Susan                        |
| 4   | correct?                                                | 4  | Steigerwald Dated June 10th, 2010,                       |
| 5   | A. Yes. 11:29:16                                        | 5  | was marked for purposes of                               |
| 6   |                                                         | 6  | identification.)                                         |
| 7   | (Thereupon, Deposition Exhibit                          | 7  |                                                          |
| 8   | Steigerwald 51, Document Bates                          | 8  | Q. Ms. Steigerwald, the court reporter                   |
| وا  | Stamped CN001107 to CN001111, was                       | 9  | has handed you what's been marked as Exhibit             |
| 10  | marked for purposes of                                  | 10 | 53. 11:38:03                                             |
| 111 | identification.)                                        | 11 | Starting at the bottom, there is an                      |
| 12  |                                                         | 12 | e-mail that you wrote, correct?                          |
| 13  | Q. The court reporter has handed you                    | 13 | A. Yes.                                                  |
| 14  | what's been marked Exhibit 51, a document that          | 14 | Q. This is another one of your updates                   |
| 15  | contains a series of e-mails. 11:30:32                  | 15 | or E-newsletters, and this one's dated June 10, 11:38:10 |
| 16  | And I want to specifically refer                        | 16 | 2010, correct?                                           |
| 17  | you to one that begins at the bottom of the             | 17 | A. Yes.                                                  |
| 18  | first page of this document that's dated March          | 18 | Q. This one's entitled, CKAP, Friday                     |
| 19  | 31, 2010, subject, CKAP, time to complain               | 19 | is pester the PUCO day.                                  |
| 20  | again. 11:30:48                                         | 20 | Do you see that? 11:38:25                                |
| 21  | Do you see that?                                        | 21 | A. Yes.                                                  |
| 22  | A. Yes.                                                 | 22 | л. 105.                                                  |
| 23  | Q. And this e-mail — this is an                         | 23 | (Thereupon, Deposition Exhibit                           |
| 24  | e-mail, update or E-newsletter that continues           | 24 | Steigerwald 54, E-mail from Susan                        |
| 25  | · ·                                                     | 25 | Steigerwald Dated November 2nd,                          |
| -   |                                                         | 1  |                                                          |
|     | Page 340                                                |    | Page 342                                                 |
| 1   | correct?                                                | 1  | 2010, was marked for purposes of                         |
| 2   | A. Yes.                                                 | 2  | identification.)                                         |
| 3   |                                                         | 3  |                                                          |
| 4   | (Thereupon, Deposition Exhibit                          | 4  | Q. The court reporter has handed you                     |
| 5   | Steigerwald 52, E-mail from Susan                       | 5  | what's been marked as Exhibit 54, another 11:38:59       |
| 6   | Steigerwald Dated April 8th, 2010,                      | 6  | document.                                                |
| 7   | was marked for purposes of                              | 7  | This one is another e-mail,                              |
| 8   | identification.)                                        | 8  | E-newsletter or update that you wrote, correct?          |
| 9   |                                                         | 9  | A. Yes.                                                  |
| 10  | Q. Ms. Steigerwald, the court reporter 11:36:23         | 10 | Q. This one is dated November 2, 2010, 11:39:11          |
| 11  | has handed you Exhibit 52 for purposes of this          | 11 | correct?                                                 |
| 12  | deposition.                                             | 12 | A. Yes.                                                  |
| 13  | Starting towards the bottom of the                      | 13 | Q. And your e-mail, E-newsletter or                      |
| 14  | first page, that appears to be the start of an          | 14 | update continues to the last page of this                |
| 15  | e-mail, E-newsletter or update that you wrote, 11:36:40 | 15 | document, correct? 11:39:21                              |
| 16  | correct?                                                | 16 | A. Yes.                                                  |
| 17  | A. Yes.                                                 | 17 |                                                          |
| 18  | Q. And that document continues till                     | 18 | (Thereupon, Deposition Exhibit                           |
| 19  | the last page of or that e-mail, newsletter,            | 19 | Steigerwald 55, E-mail from Susan                        |
| 20  | update continues to the last page of this 11:36:55      | 20 | Steigerwald Dated November 12th,                         |
| 21  | document, correct?                                      | 21 | 2010, was marked for purposes of                         |
| 22  | A. Yes.                                                 | 22 | identification.)                                         |
| 23  | Q. And this is dated April 8th, 2010,                   | 23 |                                                          |
| 24  | correct?                                                | 24 | Q. The court reporter has handed you                     |
| 25  | A. Yes. 11:37:10                                        | 25 | what is marked Exhibit 55. 11:40:12                      |

18 (Pages 339 to 342)

| Page 343                                             | Page 345                                                    |
|------------------------------------------------------|-------------------------------------------------------------|
| 1 You recognize this as another                      | 1 A. The current case to take away the                      |
| 2 e-mail, E-newsletter or update that you were       | 2 residential distribution credit.                          |
| 3 sending out, correct?                              | 3 Q. Do you mean the ESP by that?                           |
| 4 A. Yes.                                            | 4 A. No.                                                    |
| 5 Q. This one begins about halfway down 11:40:20     | 5 Q. What do you mean by that? 11:43:06                     |
| 6 the first page?                                    | 6 A. That one was case 090906.                              |
| 7 A. Yes.                                            | 7 Q. Was that an ESP case?                                  |
| 8 Q. And it's dated February 12, 2010?               | 8 A. No.                                                    |
| 9 A. Yes.                                            | 9 O. What was it?                                           |
| Q. And it's dated the subject is, 11:40:30           | 10 A. Just a regular rate case, to my 11:43:15              |
| 11 CKAP FE wins delay in A-E case, correct?          | 11 understanding.                                           |
| 12 A. Correction. You said February                  | 12 Q. To your understanding.                                |
| 13 12th. It's November 12th.                         | 13 Then flipping the page, you say at                       |
| 14 Q. Thank you for that correction.                 | 14 the top of the page that's marked 59 or                  |
| And the e-mail continues to the top 11:40:44         | 15 CN001082, To recap, FE's February 12th proposal 11:43:33 |
| 16 of the last page of this document, correct?       | 16 would cap our total bill increase to a max of            |
| 17 A. Yes.                                           | 17 20 percent to start. Then would gradually                |
| 18                                                   | 18 phase the remaining increases over eight years.          |
| 19 (Thereupon, Deposition Exhibit                    | 19 We need to oppose both of these cases. Please            |
| 20 Steigerwald 56, E-mail from Susan                 | 20 click on the following link to do so and cut 11:43:49    |
| 21 Steigerwald Dated February 23rd,                  | 21 and paste the italicized text below into the             |
| 22 2010, was marked for purposes of                  | 22 complaint form.                                          |
| 23 identification.)                                  | 23 Do you see that?                                         |
| 24                                                   | 24 A. Yes.                                                  |
| 25 Q. The court reporter has handed you 11:41:24     | 25 Q. And then you provided them some 11:43:58              |
| Page 344                                             | Page 346                                                    |
| 1 what's been marked Exhibit 56.                     | 1 text that they could cut and paste, correct?              |
| 2 This is an e-mail that you sent out                | 2 A. Yes.                                                   |
| 3 to CKAP members starting at the bottom of the      | 3 Q. Adding that they could feel free to                    |
| 4 first page dated February 23, 2010, correct?       | 4 add their own text, correct?                              |
| 5 A. Yes. 11:41:41                                   | 5 A. Yes. 11:44:10                                          |
| 6 Q. This is another e-mail,                         | 6 Q. And do you know whether some                           |
| 7 E-newsletter or update, correct?                   | 7 individuals do – did that?                                |
| 8 A. Yes.                                            | 8 A. Yes, they did.                                         |
| 9 Q. You wrote all of this, correct?                 | 9 Q. Did you look on the PUCO's website                     |
| 10 A. I'm sorry? 11:41:51                            | 10 to see that? 11:44:17                                    |
| 11 Q. You wrote all of this, correct?                | 11 A. I've seen some, yes.                                  |
| 12 A. Yes.                                           | 12                                                          |
| Q. Let me refer you to the second page               | 13 (Thereupon, Deposition Exhibit                           |
| 14 of this document, and towards the bottom there    | 14 Steigerwald 57, Series of Complaints                     |
| 15 is an action item 2, correct? 11:42:28            | 15 Filed with PUCO, was marked for                          |
| 16 A. Yes.                                           | 16 purposes of identification.)                             |
| 17 Q. And you said, We all need to                   | 17                                                          |
| 18 formally oppose FirstEnergy's 20-percent cap      | 18 Q. I want to ask you if you well,                        |
| 19 proposal submitted February 12th and currently    | 19 Exhibit 57 appears to be a series of                     |
| 20 being reviewed by the PUCO, as well as a 11:42:41 | 20 complaints, correct? 11:45:02                            |
| 21 current case that they have they have             | 21 A. Yes.                                                  |
| 22 pending to actually take away our residential     | 22 Q. That are filed with the PUCO under                    |
| 23 distribution credit. I'll stop there.             | 23 various individuals' names, correct?                     |
|                                                      | 24 A. Yes.                                                  |
| 24 Was the current case that you refer               | 11 - 40,                                                    |

19 (Pages 343 to 346)

|     | Page 347                                                                                  |          | Page 349                                                                                       |
|-----|-------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------|
| 1   | the same language that you suggested that they                                            | 1        | to be from Jessica Sheets filed on February                                                    |
| 2   | use in your e-mail, newsletter, update that was                                           | 2        | 26th, does, correct?                                                                           |
| ] 3 | marked as Exhibit 56, correct?                                                            | 3        | A. Yes.                                                                                        |
| 4   | A. No. The first I have paged                                                             | 4        | Q. The one from Barbara Leskovich does                                                         |
| 5   | through 5 and they don't all start with the 11:45:26                                      | 5        | as well? 11:47:31                                                                              |
| 6   | same language, no.                                                                        | 6        | A. It starts with the same three                                                               |
| 7   | Q. All right. Would you say that most                                                     | 7        | words, yes.                                                                                    |
| 8   | of them do?                                                                               | 8        | Q. As does Richard Nesselhauf on the                                                           |
| 9   | A. No. Some do, yes. I will say some                                                      | 9        | next page?                                                                                     |
| 10  | do. 11:45:50                                                                              | 10       | A. Yes. 11:47:40                                                                               |
| 11  | Q. Well, let's go through them.                                                           | 11       | Q. As does the next one does not,                                                              |
| 12  | The first page does, correct?                                                             | 12       | from Robert Wodecki?                                                                           |
| 13  | A. Yes.                                                                                   | 13       | A. Correct.                                                                                    |
| 14  | Q. The second page does, correct?                                                         | 14       | Q. The next one from Tammy Wigren does                                                         |
| 15  | A. Are you talking about the first 11:46:03                                               | 15       | not? 11:47:51                                                                                  |
| 16  | three words?                                                                              | 16       | A. Correct.                                                                                    |
| 17  | Q. We'll start there, yes.                                                                | 17       | Q. Neither does Anthony Jaycock,                                                               |
| 18  | A. The first three words of the whole                                                     | 18       | although on the second the next page, the                                                      |
| 19  | paragraph, yes.                                                                           | 19       | one from Frank Kajder does, correct?                                                           |
| 20  | Q. Okay. And the third page does, 11:46:12                                                | 20       | A. Yes. 11:48:00                                                                               |
| 21  | correct?                                                                                  | 21       | Q. The one from Nicholas Genco does                                                            |
| 22  | A. Yes.                                                                                   | 22<br>23 | not?                                                                                           |
| 23  | Q. The fourth page does not?                                                              | 23       | A. Correct. O. The one from Deborah Albertini                                                  |
| 24  | A. Correct. O. The fifth page does not, correct? 11:46:19                                 | 25       | Q. The one from Deborah Albertini does? 11:48:10                                               |
| 25  |                                                                                           | 2.5      |                                                                                                |
|     | Page 348                                                                                  | _        | Page 350                                                                                       |
|     | A. Correct.                                                                               | 1        | A. Correct.                                                                                    |
| 2   | Q. The sixth page does not?                                                               | 2        | Q. The one from Rose Leskovich does?                                                           |
| 3   | A. Correct.                                                                               | 3        | A. Correct.     Q. The one from Kathy Dombrowski does?                                         |
| 5   | Q. The seventh page does? A. Correct. 11:46:29                                            | 4<br>5   | Q. The one from Kathy Dombrowski does? A. Correct. 11:48:19                                    |
| 6   | Q. The eighth page does?                                                                  | 6        | Q. The one from James Kowski does?                                                             |
| 7   | A. Correct.                                                                               | 7        | A. Correct.                                                                                    |
| 8   | Q. The ninth page does?                                                                   | 8        | Q. The one from Lynn Westphal does?                                                            |
| 9   | A. Correct.                                                                               | 9        | A. Correct.                                                                                    |
| 10  | Q. The tenth page does? 11:46:37                                                          | 10       | Q. The one from Howard Swafford does? 11:48:26                                                 |
| 11  | A. Correct.                                                                               | 11       | A. Correct.                                                                                    |
| 12  | Q. The eleventh page does?                                                                | 12       | Q. The one from Maureen Sheldon does?                                                          |
| 13  | A. Not technically it doesn't.                                                            | 13       | A, Correct.                                                                                    |
| 14  | Q. It says, Am adamantly opposed as                                                       | 14       | Q. The one from Gary Freeh, FREEH,                                                             |
| 15  | opposed to I am adamantly opposed, correct? 11:46:57                                      | 15       | does? 11:48:40                                                                                 |
| 16  |                                                                                           | 16       | A. Yes. They all start with those                                                              |
| 17  | Q. The next one starts, In regards to                                                     | 17       | ones do start with the same three words, but                                                   |
| 18  | case 10-0176 EL-ATA, I am adamantly opposed.                                              | 18       | have different text in the body of the -                                                       |
| 19  | Adamantly is spelled wrong,                                                               | 19       | Q. Well, you think they do, but                                                                |
| 20  | correct? 11:47:10                                                                         | 20       | frankly, they don't. 11:48:51                                                                  |
| 21  | A. Yes.                                                                                   | 21       | Linda Barita-Pountney starts the                                                               |
| 22  | Q. The next one does not. The next                                                        | 22       | same way, correct?                                                                             |
| 23  | one does not.                                                                             | 23<br>24 | <ul><li>A. Yes, the same three words.</li><li>Q. Well, it's more than the same three</li></ul> |
|     | The next one, just so we're clear on the record, which is the complaint, appears 11:47:18 | 25       | Q. Well, it's more than the same three words, correct? 11:48:59                                |
| 200 |                                                                                           |          |                                                                                                |

20 (Pages 347 to 350)

|                                                                                                                                | Page 351                                                                                                                                                                                               |                                              | Page 353                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 A. We                                                                                                                        | ill, I'm the answering the                                                                                                                                                                             | 1                                            | Q. Yeah, I haven't taken it away from                                                                                                                                                                                                                        |
|                                                                                                                                | the same three words.                                                                                                                                                                                  | 2                                            | you. It's right in front of you.                                                                                                                                                                                                                             |
|                                                                                                                                | ey start with the same language;                                                                                                                                                                       | 3                                            | A. Yes, the second sentence matches                                                                                                                                                                                                                          |
| 4 do they not?                                                                                                                 |                                                                                                                                                                                                        | 4                                            | what I had written.                                                                                                                                                                                                                                          |
| , ,                                                                                                                            | same three words, yes. 11:49:04                                                                                                                                                                        | 5                                            | Q. So the first two sentences at least 11:51:10                                                                                                                                                                                                              |
|                                                                                                                                | ll, it's more than the same three                                                                                                                                                                      | 6                                            | are the same, correct?                                                                                                                                                                                                                                       |
| 7 words.                                                                                                                       |                                                                                                                                                                                                        | 7                                            | A. On this e-mail, yes.                                                                                                                                                                                                                                      |
| 8 A. We                                                                                                                        | ll, the question is the same                                                                                                                                                                           | 8                                            | Q. And the same we could say for Paul                                                                                                                                                                                                                        |
| 9 three words.                                                                                                                 |                                                                                                                                                                                                        | 9                                            | Sciarrino, SCIARRINO, on the next page,                                                                                                                                                                                                                      |
|                                                                                                                                | I asked you now the                                                                                                                                                                                    | 10                                           | correct? 11:51:24                                                                                                                                                                                                                                            |
|                                                                                                                                | you is: Doesn't it                                                                                                                                                                                     | 11                                           | A. Yes, the first two sentences are                                                                                                                                                                                                                          |
|                                                                                                                                | ll, then we would have to read                                                                                                                                                                         | 12                                           | the same.                                                                                                                                                                                                                                                    |
| 13 each one inc                                                                                                                |                                                                                                                                                                                                        | 13                                           | Q. And Scott Wade on the next page is                                                                                                                                                                                                                        |
|                                                                                                                                | ll, yours starts out, I am                                                                                                                                                                             | 14                                           | also the same?                                                                                                                                                                                                                                               |
|                                                                                                                                | pposed to FirstEnergy's case 10-0176 11:49:16                                                                                                                                                          | 15                                           | A. The first two sentences are the 11:51:33                                                                                                                                                                                                                  |
|                                                                                                                                | d demand the PUCO not not to                                                                                                                                                                           | 16                                           | same.                                                                                                                                                                                                                                                        |
| 17 approve it.                                                                                                                 | that what Ma. Davita Davitana.                                                                                                                                                                         | 17<br>18                                     | Q. Okay. And isn't it true that the third sentence is the same as well?                                                                                                                                                                                      |
| 19 says?                                                                                                                       | that what Ms. Barita-Pountney                                                                                                                                                                          | 19                                           | A. The third sentence is the same,                                                                                                                                                                                                                           |
|                                                                                                                                | iich one is Ms. Barita-Pountney? 11:49:29                                                                                                                                                              | 20                                           | yes. 11:51:51                                                                                                                                                                                                                                                |
| 4 = 7                                                                                                                          | da Barita-Pountney, B A R I T                                                                                                                                                                          | 21                                           | Q. And the fourth sentence is the                                                                                                                                                                                                                            |
| 22 A-                                                                                                                          | Dana I Chimoy, D 71 K 1 1                                                                                                                                                                              | 22                                           | same?                                                                                                                                                                                                                                                        |
| _                                                                                                                              | s, she has that sentence in                                                                                                                                                                            | 23                                           | A. The fourth sentence is the same on                                                                                                                                                                                                                        |
| 24 her                                                                                                                         | ,                                                                                                                                                                                                      | 24                                           | this e-mail.                                                                                                                                                                                                                                                 |
| 25 Q. Let                                                                                                                      | me finish. BARITA, dash, 11:49:38                                                                                                                                                                      | 25                                           | Q. And the fifth sentence is the same? 11:52:09                                                                                                                                                                                                              |
|                                                                                                                                | Page 352                                                                                                                                                                                               |                                              | Page 354                                                                                                                                                                                                                                                     |
| 1 POUNT                                                                                                                        | NEY.                                                                                                                                                                                                   | 1                                            | A. Yes, on this e-mail the fifth                                                                                                                                                                                                                             |
| 2 Sam                                                                                                                          | e first sentence, right?                                                                                                                                                                               | 2                                            | sentence is the same.                                                                                                                                                                                                                                        |
| 3 A. Co                                                                                                                        |                                                                                                                                                                                                        | 3                                            | Q. And the sixth sentence is the same?                                                                                                                                                                                                                       |
|                                                                                                                                | ne first sentence for Kym, K Y M,                                                                                                                                                                      | 4                                            | A. Yes, on this e-mail the sixth                                                                                                                                                                                                                             |
| 5 Ladow, LA                                                                                                                    |                                                                                                                                                                                                        | 5                                            | sentence is the same. 11:52:35                                                                                                                                                                                                                               |
| 6 A. Con                                                                                                                       |                                                                                                                                                                                                        | 6                                            | Q. And, in fact, the entire text is                                                                                                                                                                                                                          |
|                                                                                                                                | one from Danette Brandt does                                                                                                                                                                           | 7                                            | the same?                                                                                                                                                                                                                                                    |
| B not, correct?                                                                                                                |                                                                                                                                                                                                        | 8                                            | A. Yes, on this e-mail the entire text                                                                                                                                                                                                                       |
| 1                                                                                                                              | rrect.<br>cone from John Rowles, ROWLE 11:50:07                                                                                                                                                        | 9<br>10                                      | is the same.  Q. And the entire text is the same for 11:52:51                                                                                                                                                                                                |
|                                                                                                                                | n the same way, correct?                                                                                                                                                                               | 11                                           | the next e-mail, James Vinciquerra, VINCIQ                                                                                                                                                                                                                   |
|                                                                                                                                | the same way, correct?                                                                                                                                                                                 | 12                                           | UERRA?                                                                                                                                                                                                                                                       |
| <del>_</del>                                                                                                                   | ay. The same first sentence for                                                                                                                                                                        | 13                                           | A. Yes, on this e-mail the text is the                                                                                                                                                                                                                       |
| ,                                                                                                                              | BARYS, correct?                                                                                                                                                                                        | 14                                           | same.                                                                                                                                                                                                                                                        |
| ,                                                                                                                              | •                                                                                                                                                                                                      | i .                                          | Q. Would it also be true that the next 11:53:16                                                                                                                                                                                                              |
| 1                                                                                                                              | e same first sentence, yes. 11:50:22                                                                                                                                                                   | 15                                           | Q. Would it also be true trust the flexic 11.55.10                                                                                                                                                                                                           |
| 16 Q. An                                                                                                                       | d actually, the second sentence                                                                                                                                                                        | 16                                           | e-mail from Joe Hays, H A Y S, is the same?                                                                                                                                                                                                                  |
| 17 is the same,                                                                                                                |                                                                                                                                                                                                        |                                              |                                                                                                                                                                                                                                                              |
| 17 is the same,<br>18 A. I w                                                                                                   | d actually, the second sentence<br>too, correct?<br>ould have to go back and                                                                                                                           | 16                                           | e-mail from Joe Hays, H A Y S, is the same?  A. No. Q. Because it adds a reference to                                                                                                                                                                        |
| 17 is the same,<br>18 A. I w<br>19 Q. Yo                                                                                       | d actually, the second sentence<br>too, correct?<br>ould have to go back and<br>ur second sentence says, As an                                                                                         | 16<br>17<br>18<br>19                         | e-mail from Joe Hays, H A Y S, is the same? A. No. Q. Because it adds a reference to Senators Grendell and Patton, correct?                                                                                                                                  |
| 17 is the same,<br>18 A. I w<br>19 Q. Yo<br>20 all-electric o                                                                  | d actually, the second sentence too, correct? ould have to go back and ur second sentence says, As an oustomer, there are many reasons I 11:50:32                                                      | 16<br>17<br>18<br>19<br>20                   | e-mail from Joe Hays, H A Y S, is the same?  A. No. Q. Because it adds a reference to Senators Grendell and Patton, correct? A. There's other stuff at the bottom, 11:53:41                                                                                  |
| 17 is the same,<br>18 A. I w<br>19 Q. Yo<br>20 all-electric of<br>21 am opposed                                                | d actually, the second sentence too, correct? ould have to go back and ur second sentence says, As an sustomer, there are many reasons I 11:50:32 to this case, right?                                 | 16<br>17<br>18<br>19<br>20<br>21             | e-mail from Joe Hays, H A Y S, is the same?  A. No. Q. Because it adds a reference to Senators Grendell and Patton, correct? A. There's other stuff at the bottom, 11:53:41 too, that's different.                                                           |
| 17 is the same,<br>18 A. I w<br>19 Q. Yo<br>20 all-electric of<br>21 am opposed<br>22 A. I do                                  | d actually, the second sentence too, correct? ould have to go back and ur second sentence says, As an oustomer, there are many reasons I 11:50:32                                                      | 16<br>17<br>18<br>19<br>20<br>21<br>22       | e-mail from Joe Hays, H A Y S, is the same?  A. No. Q. Because it adds a reference to Senators Grendell and Patton, correct? A. There's other stuff at the bottom, 11:53:41 too, that's different. Q. The next one from Donita Holden is                     |
| 17 is the same,<br>18 A. I w<br>19 Q. Yo<br>20 all-electric of<br>21 am opposed<br>22 A. I do<br>23 front of me.               | d actually, the second sentence too, correct? ould have to go back and ur second sentence says, As an sustomer, there are many reasons I 11:50:32 to this case, right? on't have my second sentence in | 16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | e-mail from Joe Hays, H A Y S, is the same?  A. No. Q. Because it adds a reference to Senators Grendell and Patton, correct? A. There's other stuff at the bottom, 11:53:41 too, that's different. Q. The next one from Donita Holden is different, correct? |
| 17 is the same,<br>18 A. I w<br>19 Q. Yo<br>20 all-electric of<br>21 am opposed<br>22 A. I do<br>23 front of me.<br>24 Q. It's | d actually, the second sentence too, correct? ould have to go back and ur second sentence says, As an sustomer, there are many reasons I 11:50:32 to this case, right?                                 | 16<br>17<br>18<br>19<br>20<br>21<br>22       | e-mail from Joe Hays, H A Y S, is the same?  A. No. Q. Because it adds a reference to Senators Grendell and Patton, correct? A. There's other stuff at the bottom, 11:53:41 too, that's different. Q. The next one from Donita Holden is                     |

21 (Pages 351 to 354)

|          | Page 355                                                                              |                | Page 357                                                                                                             |
|----------|---------------------------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------|
| 1        | A E C K E R, starts in the second paragraph                                           | 1              | tell me is, is there anyone who you believe is                                                                       |
| 2        | the same as yours, correct?                                                           | 2              | not a member of CKAP that's part of the e-mails                                                                      |
| 3        | A. The second sentence or the                                                         | 3              | that we've collected as Exhibit 57?                                                                                  |
| 4        | second paragraph starts with the same first                                           | 4              | A. I don't know Gayle Santavicca. I                                                                                  |
| 5        | second sentence in my second paragraph, yes. 11:54:24                                 | 5              | do not know Rose Yaecker. I do not know Larry 11:58:49                                                               |
| 6        | Q. Well, isn't the rest of that e-mail                                                | 6              | Bohannon. Scott Horvath is a member of CKAP.                                                                         |
| 7        | the same as yours?                                                                    | 7              | l do not know Gary Korecky. I do not know                                                                            |
| 8        | A. I would have to check. Yes.                                                        | 8              | Frank Guarnera. I do not recognize Jeff                                                                              |
| 9        | Q. The next e-mail from Gerald                                                        | 9              | Strouk. I do not recognize Donna Haders. I do                                                                        |
| 10       | Yosowitz is the same until – the language cuts 11:55:05                               | 10             | not recognize William Hance. Richard Koller is 11:59:21                                                              |
| 11       | off after but R A T H, correct?                                                       | 11             | a member of CKAP. Wilbert Steigerwald is a                                                                           |
| 12       | A. Where is that language at?                                                         | 12             | member of CKAP.                                                                                                      |
| 13       | Q. The end.                                                                           | 13<br>14       | Q. That's your husband, right? A. Yes.                                                                               |
| 15       | A. Oh, yes. Q. The one from Frank Kajder, K A J D 11:55:22                            | 15             | I do not recognize Kilee Yarosh. I 11:59:43                                                                          |
| 16       | E R, filed February 10th is the same as yours,                                        | 16             | do not recognize Kevin Ditto. I do not                                                                               |
| 17       | correct?                                                                              | 17             | recognize Gary Kriegmont. I do not recognize                                                                         |
| 18       | MR. CORCORAN: It's March 10th.                                                        | 18             | Jessica Sheets. Barbara Leskovich is a member                                                                        |
| 19       | MR. KUTIK: March 10th, thank you.                                                     | 19             | of CKAP. Richard Nesselhauf is a member of                                                                           |
| 20       | A. Yes, the language is the same. 11:55:55                                            | 20             | CKAP. Robert Wodecki is a member of CKAP. I 12:00:07                                                                 |
| 21       | Q. The e-mail from an Andrea                                                          | 21             | do not recognize Tammy Wigren. I do not                                                                              |
| 22       | Sturtevant, STURTEVANT, is similar to                                                 | 22             | recognize Andrew Jaycock. Nicholas Genco is a                                                                        |
| 23       | yours, but it uses the word we instead of I and                                       | 23             | member of CKAP.                                                                                                      |
| 24       | changes the verbs and adds an ending sentence,                                        | 24             | Q. How about Frank Kajder, K A J D E                                                                                 |
| 25       | correct? 11:56:19                                                                     | 25             | R? 12:00:43                                                                                                          |
| -        | Page 356                                                                              |                | Page 358                                                                                                             |
| 1        | A. Yes.                                                                               | 1              | A. I do not recognize that name.                                                                                     |
| 2        | Q. The e-mail from Mark and Ginger                                                    | 2              | I do not recognize Deborah                                                                                           |
| 3        | Rhodes, R H O D E S, filed March 10, that's                                           | 3              | Albertini. I recognize Rose Leskovich as a                                                                           |
| 4        | also the same as yours, correct?                                                      | 4              | member of CKAP. I do not recognize Kathy                                                                             |
| 5        | A. Yes, it appears to be. 11:56:40                                                    | 5              | Dombrowski. I do not recognize James Kowski. 12:01:08                                                                |
| 6        | Q. The same for the e-mail from John                                                  | 6              | I recognize Lynn Westphal as a member of CKAP.                                                                       |
| 7        | Rowles, ROWLES, this one filed March 10,                                              | 7              | I do not recognize Harold Swafford.                                                                                  |
| 8        | it's the same; is it not?                                                             | 8              | I do not recognize Maureen Sheldon. I do not                                                                         |
| 9        | A. Yes. Q. The next one is from Richard 11:57:03                                      | 9<br>10        | recognize Gary Freeh. I do not recognize Linda Barita-Pountney. I do not recognize Kym Ladow. 12:01:43               |
| 111      | Q. The next one is from Richard 11:57:03  Angelino, and after the first paragraph, it | 11             | I do not recognize Daniel Brandt Danette                                                                             |
| 12       | appears to copy yours, correct?                                                       | 12             | Brandt; I'm sorry.                                                                                                   |
| 13       | A. Yes, it is very similar to mine.                                                   | 13             | John Rowles is a member of CKAP. I                                                                                   |
| 14       | Q. Let me have you refer to the last                                                  | 14             | do not recognize Sarah Barys. I do not                                                                               |
| 15       | page. That's from Wayne Heginbotham, and 11:57:39                                     | 15             | recognize Paul Sciarrino. I do not recognize 12:02:18                                                                |
| 16       |                                                                                       | 16             | Scott Wade. I recognize James Vinciquerra as a                                                                       |
| 17       | sentences at the end, correct? It's at the                                            | 17             | member of CKAP. I recognize Joe Hays as a                                                                            |
| 18       | end.                                                                                  | 18             | member of CKAP.                                                                                                      |
| 19       | A. Yes.                                                                               | 19             | I do not recognize Donita Holden.                                                                                    |
| 20       | Q. Now, are all of these people that 11:58:10                                         | 20             | I do not recognize Chris Yaecker as a member of 12:02:51                                                             |
| 1 7 7    | we've just mentioned and whose e-mails we have                                        | 21             | CKAP. I do not recognize Gerald Yosowitz. I                                                                          |
|          | reviewed members of CKAP?                                                             | 22             | do not recognize Frank Kajder. I recognize                                                                           |
| 22       |                                                                                       | 00             | Andrea Sturtevent as a member of CV AD                                                                               |
| 22<br>23 | A. I would have to look at them                                                       | 23             | Andrea Sturtevant as a member of CKAP.  I do not recognize Mark Rhoades                                              |
| 22       |                                                                                       | 23<br>24<br>25 | Andrea Sturtevant as a member of CKAP.  I do not recognize Mark Rhoades.  John Rowles is a member of CKAP.  12:03:26 |

22 (Pages 355 to 358)

| Page 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 359 Page 36:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Q. We mentioned him before, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 March 22nd, 2010 at 12:10 a.m., correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 3 I do not recognize Richard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3 Q. And then you go on in this e-mail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 4 Angelino. I do not recognize Kathleen Spore.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4 that continues to almost two-thirds of the way                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 5 I do not recognize Kevin Ditto. 12:03:43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5 down the last page, correct? 12:07:19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 6 Andrea Matic is a member of CKAP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 7 Q. Is Miso Matic a member of CKAP?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7 Q. And, again, this is all material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 8 A. I'm only aware of Andrea Matic.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8 that you wrote, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 9 Q. We mentioned Gary Freeh before and 10 we mentioned Wayne Heginbotham. 12:04:6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9 A. Yes.<br>:09 10 Q. Or quoted from others, correct? 12:07:31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 10 we mentioned Wayne Heginbotham. 12:04:0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | :09 10 Q. Or quoted from others, correct? 12:07:31 11 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 12 from you, these E-newsletters, E-updates,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12 Q. On Exhibit 59, on the page that's                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 13 whatever we want to call them, they would be a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 13 marked 214 or CN001237 are you there?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 14 member of CKAP, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 14 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 15 A. Yes. 12:04:27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 15 Q. There is a series of asterisks, and 12:08:34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16 then you say, FirstEnergy case to take away our                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 17 (Thereupon, Deposition Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 17 residential distribution credit, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 18 Steigerwald 58, E-mail from Susan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 18 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 19 Steigerwald Dated March 5th, 2010,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 19 Q. And in this you are advising folks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 20 was marked for purposes of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20 that Amy Gomberg from the OCC is advising you 12:08:50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 21 identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 21 of the final settlement discussions, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 22 A. I have to read the paragraph.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 23 Q. Handing you what's been marked as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 23 She is telling me that, yes, they                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 24 Exhibit 58; this is another e-mail,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 24 are in final settlement discussions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 25 E-newsletter, update that you wrote, correct? 12:05:2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 26 25 Q. And she had talked to you earlier 12:09:15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Page 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 360 Page 362                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 we had discussed earlier that she had                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2 Q. And this one is dated March 5,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2 briefed you on those discussions, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 3 2010, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3 A. No, that's a different case.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 4 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4 Q. What was the case that they had                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5 Q. The re: line is, Subject, 12:05:39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5 briefed you on? 12:09:24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 6 clarifying who's in and who's left out of PUCO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6 A. We talked about - in the ESP case,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 7 reinstatement order, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7 we were told what the all-electric settlement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 8 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8 offer was as part of that case.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 9 Q. And your e-mail goes to the top of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9 Q. Okay. And that was a different                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 10 the last page of this document, correct? 12:05:54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10 case than 09906? 12:09:39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 11 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12 Q. So you you received no                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 13 (Thereupon, Deposition Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 13 information about the settlement discussions in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 14 Steigerwald 59, E-mail from Susan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14 09906, other than that there were discussions?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 15 Steigerwald Dated March 22nd, 2010,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 15 A. Correct. 12:09:52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 16 was marked for purposes of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16 Charavanan Danagitian Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 17 identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 17 (Thereupon, Deposition Exhibit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 18 Steigerwald 60, E-mail from Susan<br>19 Steigerwald Dated December 12th,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 19 Q. Ms. Steigerwald, Exhibit 59 is<br>20 another e-mail, E-newsletter or update that you 12:06:50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 21 sent out to members of CKAP, correct?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20 2010, was marked for purposes of 21 identification.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 22 A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 23 Q. And particularly let's let me                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 23 Q. The court reporter has handed you                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 24 refer you down to the bottom of the first page.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 24 what's been marked for identification as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 25 There's a - from Sue Steigerwald, sent Monday, 12:07:0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| The state of the s | ACCOUNTY OF THE PROPERTY OF TH |

23 (Pages 359 to 362)

|          | Page 363                                                                                        |          | Page 365                                                                 |
|----------|-------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------|
| 1        | Starting at the bottom of the first                                                             | 1        | A. Not offhand.                                                          |
| 2        | page, where it says from Sue Steigerwald, sent                                                  | 2        | Q. Can you tell me the names of anyone                                   |
| 3        | Sunday, December 12th, 2010; that starts an                                                     | 3        | who responded to that?                                                   |
| 4        | e-mail, E-newsletter or update that you wrote,                                                  | 4        | A. I don't have them memorized, no.                                      |
| 5        | correct? 12:10:48                                                                               | 5        | Q. You can't tell me the name of 12:13:08                                |
| 6        | A. Yes.                                                                                         | 6        | anyone?                                                                  |
| 7        | Q. And this e-mail ends towards the                                                             | 7        | A. No.                                                                   |
| 8        | bottom of the last page of this document,                                                       | 8        | Q. How many did you get?                                                 |
| 9        | correct?                                                                                        | 9        | A. A handful.                                                            |
| 10       | A. Yes. 12:10;54                                                                                | 10       | Q. Less than five? 12:13:12                                              |
| 11       |                                                                                                 | 11       | A. Would be my guess, yes.                                               |
| 12       | (Thereupon, Deposition Exhibit                                                                  | 12       | Q. And can you recall anything that                                      |
| 13       | Steigerwald 61, E-mail from Susan                                                               | 13       | any of these e-mails said?                                               |
| 14       | Steigerwald Dated January 6th, 2011,                                                            | 14       | A. Some of the e-mails said that they                                    |
| 15       | was marked for purposes of                                                                      | 15       | had shown properties and that people had 12:13:22                        |
| 16       | identification.)                                                                                | 16       | were disinterested once they found out that                              |
| 17       |                                                                                                 | 17       | they were all-electric.                                                  |
| 18       | Q. The court reporter has handed you                                                            | 18       | And I suggested the realtor would submit that information to the docket. |
| 19 20    | what's been marked Exhibit 61. Starting about                                                   | 19<br>20 | Q. Do you know whether that happened? 12:13:33                           |
| 21       | the middle of the first page, that is an 12:11:55                                               | 21       | A. I did not check up on everybody,                                      |
| 22       | e-mail, E-newsletter or update that you wrote to CKAP members dated January 6th, 2011,          | 22       | no.                                                                      |
| 23       | correct?                                                                                        | 23       | Q. So would it be fair to say that                                       |
| 24       | A. Yes.                                                                                         | 24       | your recollection, with respect to the e-mails                           |
| 25       | Q. And that e-mail continues to the 12:12:04                                                    | 25       | you got in response to this request, was 12:13:48                        |
|          | Page 364                                                                                        |          | Page 366                                                                 |
| 1        | last page of this document, correct?                                                            | 1        | realtors telling you about individuals who were                          |
| 2        | A. Yes.                                                                                         | 2        | or potential buyers who declined to look at                              |
| 3        | Q. And you wrote all of this, correct?                                                          | 3        | all-electric homes?                                                      |
| 4        | A. Yes.                                                                                         | 4        | A. Yes.                                                                  |
| 5        | Q. Let me refer you to the last page 12:12:15                                                   | 5        | Q. And there are five or so of those? 12:13:58                           |
| 6        | of this document, and what appears to be the                                                    | 6        | A. Approximately, yes, from what I                                       |
| 7        | well, at least under the first line of                                                          | 7        | recall.                                                                  |
| 8        | asterisks, there's a for lack of a better                                                       | 8        | Q. And would it be your assumption                                       |
| 9        | term, a headline. It says, Need realtor help.                                                   | 9        | that these realtors were CKAP members?                                   |
| 10       | Do you see that? 12:12:36                                                                       | 10       | A. No. 12:14:13                                                          |
| 11       | A. Yes.                                                                                         | 11       | Q. Did any identify themselves as CKAP                                   |
| 12       | Q. And you said, If you're a realtor                                                            | 12       |                                                                          |
| 13       | and have any direct e-mails and/or comments                                                     | 13       | A. I don't recall.                                                       |
| 14       | from potential buyers after having seen an all-electric property that shows their 12:12:41      | 14<br>15 | Q. Why would you not assume that they're CKAP members? 12:14:23          |
| 15<br>16 |                                                                                                 | 16       | A. Because people pass my e-mails                                        |
| 17       | uneasiness with purchasing the property due to<br>the heating system, please send me an e-mail. | 17       | along to other — other people, especially when                           |
| 18       | I need some help from you.                                                                      | 18       | there's outside requests for help such as was                            |
| 19       | Did you get any e-mails in                                                                      | 19       | in that e-mail.                                                          |
| 20       | response? 12:12:53                                                                              | 20       | Q. So you don't know whether they were 12:14:36                          |
| 21       | A. Yes.                                                                                         | 21       | or they were not members of CKAP?                                        |
| 22       | Q. Okay. Did you produce those?                                                                 | 22       | A. Correct.                                                              |
| 23       | A. Yes.                                                                                         | 23       |                                                                          |
| 24       | Q. Can you tell me who the e-mails are                                                          | 24       | (Thereupon, Deposition Exhibit                                           |
| 25       | from? 12:13:00                                                                                  | 25       | Steigerwald 62, E-mail from Susan                                        |

24 (Pages 363 to 366)

|          | Page 367                                                  |          | Page 369                                                                 |
|----------|-----------------------------------------------------------|----------|--------------------------------------------------------------------------|
| 1        | Steigerwald Dated January 10th,                           | 1        |                                                                          |
| 2        | 2011, was marked for purposes of                          | 2        | required on utility advertising?  A. No, I did not.                      |
| 3        | identification.)                                          | 3        | MR. KUTIK: Let's go off the                                              |
| 4        | Action ()                                                 | 4        | record.                                                                  |
| 5        | Q. The court reporter has handed you 12:15:05             | 5        | (Discussion had off the record.) 12:17:01                                |
|          | what is marked as Exhibit 62.                             | 6        | (Discussion flag off the feedful) 12.17.01                               |
| 7        | Now, this is another e-mail or set                        | 7        | (Thereupon, Deposition Exhibit                                           |
|          | of e-mails that you sent out to CKAP members,             | 8        | Steigerwald 63, E-mail from Susan                                        |
|          | correct?                                                  | ğ        | Steigerwald Dated March 24th, 2010,                                      |
| 10       | A. Yes. 12:15:19                                          | 10       | was marked for purposes of                                               |
| 11       | Q. The one I want to direct your                          | 11       | identification.)                                                         |
| 12       | attention to starts at the bottom of the first            | 12       |                                                                          |
| 13       | page. It says it's from Sue Steigerwald, sent             | 13       | Q. Ms. Steigerwald, the court reporter                                   |
|          | January 10, 2011, 8:57 p.m., Subject, CKAP,               | 14       | has handed you what's been marked as Exhibit                             |
|          | reminder to contact Governor Kasich this week. 12:15:32   | 15       | 63. 12:31:18                                                             |
| 16       | And that e-mail or E-newsletter or                        | 16       | Starting towards the bottom of the                                       |
|          | update continues to about the middle of the               | 17       | first page, this begins an e-mail, E-newsletter                          |
|          | last page, correct?                                       | 18       | or update that you sent out to CKAP members on                           |
| 19       | A. Yes.                                                   | 19       | March 24, 2010, correct?                                                 |
| 20       | Q. And you wrote all of this, correct? 12:15:47           | 20       | A. Yes. 12:31:31                                                         |
| 21       | A. Yes.                                                   | 21       | Q. And this e-mail continues through                                     |
| 22       | Q. On the last page, under the line of                    | 22       | • · · · · · · · · · · · · · · · · · · ·                                  |
|          | asterisks you say, If anyone out there has an             | 23       | A. Yes.                                                                  |
|          | advertising legal/disclosure background, please           | 24       | Q. And up through the third page, the                                    |
| 25       | shoot me an e-mail because I have a few quick 12:15:58    | 25       | page that has the numbers 120 or CN001143, 12:31:53                      |
| 1        | Page 368                                                  |          | Page 370                                                                 |
| 1        | questions that I need help with.                          | 1        | that's information that you wrote, correct?                              |
| 2        | Do you see that?                                          | 2        | A. Yes.                                                                  |
| 3        | A. Yes.                                                   | 3        | Q. And then is the rest of the                                           |
| 4        | <ul> <li>Q. What were the quick questions that</li> </ul> | 4        | information, information that came from Mr.                              |
| 5        | you needed help with? 12:16:05                            | 5        | Grendell's office? 12:32:15                                              |
| 6        | A. I just wanted to talk to the                           | 6        | A. Yes.                                                                  |
|          | person, but nobody responded so I ended up not            | 7        | Q. And you're passing along                                              |
|          | having a list of questions.                               | 8        | information that came from Mr. Grendell's                                |
| 9        | Q. Okay. So you had when you said,                        | 9        | office or OCC?                                                           |
|          | I have quick questions, you had no questions in 12:16:14  | 10       | A. Right. Correct. 12:32:31                                              |
|          | mind when you wrote it?                                   | 11       | /Thursung Denosition Eschibit                                            |
| 12       | A. I wanted to I knew I wanted to                         | 12       | (Thereupon, Deposition Exhibit                                           |
|          | talk to the person.                                       | 13<br>14 | Steigerwald 64, E-mail from Susan<br>Steigerwald Dated April 16th, 2010, |
| 14<br>15 | Q. What did you want to talk to them about? 12:16:20      | 15       | was marked for purposes of                                               |
| 16       | about? 12:16:20  A. I wanted to ask them about            | 16       | identification.)                                                         |
| 17       | legalities with disclosure information on                 | 17       | Menuncanous)                                                             |
|          | electric and gas advertising.                             | 18       | Q. Exhibit 64, starting a little more                                    |
| 19       | Q. Okay. And when you say legalities                      | 19       | little less than halfway down the first                                  |
|          | with respect to disclosure, what does that 12:16:31       | 20       | page, is an e-mail, E-newsletter or update that 12:33:30                 |
|          | mean?                                                     | 21       | you wrote to CKAP members on April 16, 2010,                             |
| 22       | A. Whether or not disclosure                              | 22       | correct?                                                                 |
|          | information is required on ads.                           | 23       | A. Yes.                                                                  |
| 24       | Q. Okay. Did you come to any                              | 24       | Q. And this e-mail continues to the                                      |
|          | conclusion whether disclosure information is 12:16:40     | 25       | end of this document, correct? 12:33:49                                  |

25 (Pages 367 to 370)

|                                                                                                                          | David 271                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                          | D 272                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ĺ                                                                                                                        | Page 371                                                                                                                                                                                                                                                                                                                                                                                                         | ĺ                                                                                                                        | Page 373                                                                                                                                                                                                                                                                                                                          |
| 1                                                                                                                        | A. Yes.                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                        | REPORTER'S CERTIFICATE                                                                                                                                                                                                                                                                                                            |
| 2                                                                                                                        | MR. KUTIK: Ms. Steigerwald, those                                                                                                                                                                                                                                                                                                                                                                                | 2                                                                                                                        | The State of Ohio, )                                                                                                                                                                                                                                                                                                              |
| 3                                                                                                                        | are all the questions I have at this time.                                                                                                                                                                                                                                                                                                                                                                       | 3                                                                                                                        | SS:                                                                                                                                                                                                                                                                                                                               |
| 4                                                                                                                        | And I assume you want to read the                                                                                                                                                                                                                                                                                                                                                                                | 4                                                                                                                        | County of Cuyahoga. )                                                                                                                                                                                                                                                                                                             |
| 5                                                                                                                        | transcript? 12:34:19                                                                                                                                                                                                                                                                                                                                                                                             | 5                                                                                                                        |                                                                                                                                                                                                                                                                                                                                   |
| 6                                                                                                                        | MR. CORCORAN: Do you want to read                                                                                                                                                                                                                                                                                                                                                                                | 6                                                                                                                        | I, Kelly A. Hill, a Notary Public                                                                                                                                                                                                                                                                                                 |
| 7                                                                                                                        | the transcript or waive the reading of the                                                                                                                                                                                                                                                                                                                                                                       | 7                                                                                                                        | within and for the State of Ohio, duly                                                                                                                                                                                                                                                                                            |
| 8                                                                                                                        | transcript? Did you read the last one?                                                                                                                                                                                                                                                                                                                                                                           | 8                                                                                                                        | commissioned and qualified, do hereby certify                                                                                                                                                                                                                                                                                     |
| 9                                                                                                                        | THE WITNESS: Not really. I'll                                                                                                                                                                                                                                                                                                                                                                                    | 9                                                                                                                        | that the within named witness, SUSAN                                                                                                                                                                                                                                                                                              |
| 10                                                                                                                       | waive the reading of it. 12:34:30                                                                                                                                                                                                                                                                                                                                                                                | 10                                                                                                                       | STEIGERWALD, was by me first duly sworn to                                                                                                                                                                                                                                                                                        |
| 11                                                                                                                       | MR. KUTIK: Thank you.                                                                                                                                                                                                                                                                                                                                                                                            | 11                                                                                                                       | testify the truth, the whole truth and nothing                                                                                                                                                                                                                                                                                    |
| 12                                                                                                                       | (The deposition was concluded.)                                                                                                                                                                                                                                                                                                                                                                                  | 12                                                                                                                       | but the truth in the cause aforesaid; that the                                                                                                                                                                                                                                                                                    |
| 13                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 13                                                                                                                       | testimony then given by the above-referenced                                                                                                                                                                                                                                                                                      |
| 14                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 14                                                                                                                       | witness was by me reduced to stenotypy in the                                                                                                                                                                                                                                                                                     |
| 15                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 15                                                                                                                       | presence of said witness; afterwards                                                                                                                                                                                                                                                                                              |
| 16                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 16                                                                                                                       | transcribed, and that the foregoing is a true                                                                                                                                                                                                                                                                                     |
| 17                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 17                                                                                                                       | and correct transcription of the testimony so                                                                                                                                                                                                                                                                                     |
| 18                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 18                                                                                                                       | given by the above-referenced witness.                                                                                                                                                                                                                                                                                            |
| 19                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 19                                                                                                                       | I do further certify that this                                                                                                                                                                                                                                                                                                    |
| 20                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 20                                                                                                                       | deposition was taken at the time and place in                                                                                                                                                                                                                                                                                     |
| 21                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 21                                                                                                                       | the foregoing caption specified and was                                                                                                                                                                                                                                                                                           |
| 22                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 22                                                                                                                       | completed without adjournment.                                                                                                                                                                                                                                                                                                    |
| 23                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 23                                                                                                                       |                                                                                                                                                                                                                                                                                                                                   |
| 24                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 24                                                                                                                       | ·                                                                                                                                                                                                                                                                                                                                 |
| 25                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                  | 25                                                                                                                       |                                                                                                                                                                                                                                                                                                                                   |
| _                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                  | _                                                                                                                        |                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                          | Page 372                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                          | Page 374                                                                                                                                                                                                                                                                                                                          |
| ,                                                                                                                        | ·                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                                                                        | _                                                                                                                                                                                                                                                                                                                                 |
| 1 2                                                                                                                      | Whereupon, counsel was requested to give                                                                                                                                                                                                                                                                                                                                                                         | 1 2                                                                                                                      | I do further certify that I am not                                                                                                                                                                                                                                                                                                |
| 2                                                                                                                        | Whereupon, counsel was requested to give instruction regarding the witness's review of                                                                                                                                                                                                                                                                                                                           | 2                                                                                                                        | I do further certify that I am not a relative, counsel or attorney for either                                                                                                                                                                                                                                                     |
| 2                                                                                                                        | Whereupon, counsel was requested to give                                                                                                                                                                                                                                                                                                                                                                         | 2<br>3                                                                                                                   | I do further certify that I am not<br>a relative, counsel or attorney for either<br>party, or otherwise interested in the event of                                                                                                                                                                                                |
| 2<br>3<br>4                                                                                                              | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.                                                                                                                                                                                                                                                                               | 2<br>3<br>4                                                                                                              | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.                                                                                                                                                                                         |
| 2<br>3<br>4<br>5                                                                                                         | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE:                                                                                                                                                                                                                                                                   | 2<br>3<br>4<br>5                                                                                                         | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto                                                                                                                                                    |
| 2<br>3<br>4<br>5<br>6                                                                                                    | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE: It was agreed by and between counsel and the                                                                                                                                                                                                                      | 2<br>3<br>4<br>5<br>6                                                                                                    | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at                                                                                                       |
| 2<br>3<br>4<br>5<br>6<br>7                                                                                               | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE: It was agreed by and between counsel and the parties that the reading and signing of the                                                                                                                                                                          | 2<br>3<br>4<br>5<br>6<br>7                                                                                               | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Cleveland, Ohio, on this day of                                                                       |
| 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                          | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE: It was agreed by and between counsel and the parties that the reading and signing of the transcript of said deposition, be and the same                                                                                                                           | 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                          | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at                                                                                                       |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE: It was agreed by and between counsel and the parties that the reading and signing of the                                                                                                                                                                          | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Cleveland, Ohio, on this day of                                                                       |
| 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                          | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE: It was agreed by and between counsel and the parties that the reading and signing of the transcript of said deposition, be and the same is hereby waived.                                                                                                         | 2<br>3<br>4<br>5<br>6<br>7<br>8                                                                                          | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Cleveland, Ohio, on this day of                                                                       |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE: It was agreed by and between counsel and the parties that the reading and signing of the transcript of said deposition, be and the same is hereby waived.  TRANSCRIPT DELIVERY:                                                                                   | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9                                                                                     | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Cleveland, Ohio, on this day of                                                                       |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10                                                                               | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE: It was agreed by and between counsel and the parties that the reading and signing of the transcript of said deposition, be and the same is hereby waived.  TRANSCRIPT DELIVERY: Counsel was requested to give instruction                                         | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10                                                                               | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Cleveland, Ohio, on this day of                                                                       |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12                                                                   | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE: It was agreed by and between counsel and the parties that the reading and signing of the transcript of said deposition, be and the same is hereby waived.  TRANSCRIPT DELIVERY:                                                                                   | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11                                                                         | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Cleveland, Ohio, on this day of                                                                       |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                             | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE:  It was agreed by and between counsel and the parties that the reading and signing of the transcript of said deposition, be and the same is hereby waived.  TRANSCRIPT DELIVERY: Counsel was requested to give instruction regarding delivery date of transcript. | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                             | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Cleveland, Ohio, on this day of, 2011.                                                                |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13                                                             | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE: It was agreed by and between counsel and the parties that the reading and signing of the transcript of said deposition, be and the same is hereby waived.  TRANSCRIPT DELIVERY: Counsel was requested to give instruction                                         | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14                                                       | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Cleveland, Ohio, on this day of, 2011.  Kelly A. Hill, Notary Public                                  |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15                                                 | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE:  It was agreed by and between counsel and the parties that the reading and signing of the transcript of said deposition, be and the same is hereby waived.  TRANSCRIPT DELIVERY: Counsel was requested to give instruction regarding delivery date of transcript. | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15                                                 | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Cleveland, Ohio, on this day of, 2011.  Kelly A. Hill, Notary Public                                  |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                                           | Whereupon, counsel was requested to give instruction regarding the witness's review of the transcript pursuant to the Civil Rules.  SIGNATURE:  It was agreed by and between counsel and the parties that the reading and signing of the transcript of said deposition, be and the same is hereby waived.  TRANSCRIPT DELIVERY: Counsel was requested to give instruction regarding delivery date of transcript. | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                                           | I do further certify that I am not a relative, counsel or attorney for either party, or otherwise interested in the event of this action.  IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Cleveland, Ohio, on this day of, 2011.  Kelly A. Hill, Notary Public within and for the State of Ohio |
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