BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

- - -

In the Matter of the :
Application of Ohio Power :
Company for Authority to :
Establish a Standard :

Service Offer Pursuant to : Case No. 16-1852-EL-SSO

Section 4928.143, Revised:
Code, in the Form of an:
Electric Security Plan.:

In the Matter of the : Application of Ohio Power :

Company for Approval of : Case No. 16-1853-EL-AAM

Certain Accounting : Authority. :

PROCEEDINGS

before Ms. Greta See and Ms. Sarah Parrot, Attorney Examiners, at the Public Utilities Commission of Ohio, 180 East Broad Street, Room 11-A, Columbus, Ohio, called at 10:00 a.m. on Monday, November 6, 2017.

VOLUME IV

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Monday Morning Session,

November 6, 2017.

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EXAMINER PARROT: Let's go back on the record.

This is the continuation of the hearing in Case No. 16-1852-EL-SSO, et al. Let's take brief appearances of the parties, starting with the company to my right, and working our way around the table.

MR. NOURSE: Thank you, your Honor. On behalf of Ohio Power Company, Steven T. Nourse,
Matthew S. McKenzie, Christen M. Blend; and from the law firm of Ice Miller, Christopher L. Miller, Jeremy M. Grayem; and from the law firm of Porter, Wright,
Morris & Arthur, Eric B. Gallon.

EXAMINER PARROT: Thank you.

Staff.

MR. MARGARD: On behalf of the staff of the Public Utilities Commission, Assistant Attorneys General Werner Margard and Robert Eubanks.

MR. MICHAEL: Good morning, your Honors.

On behalf of AEP Ohio's residential utility

consumers, the Office of the Ohio Consumers' Counsel,

Bill Michael, Kevin Moore; and Dane Stinson from the

law firm of Bricker & Eckler.

1 MR. PRITCHARD: Good morning, your 2 Honors. On behalf of IEU-Ohio, Matt Pritchard. MR. BOEHM: Good morning, your Honors. 3 On behalf OEG, Kurt Boehm. 4 5 MR. OLIKER: Good morning, your Honors. 6 On behalf IGS Energy, Joseph Oliker and Michael 7 Nugent. 8 MS. PETRUCCI: Good morning, your Honors. 9 On behalf of Constellation NewEnergy, from the law 10 firm of Vorys, Sater, Seymour & Pease, Michael J. 11 Settineri and Gretchen Petrucci. 12 MR. WHITT: Good morning, your Honors. 13 On behalf of the Retail Energy Supply Association, 14 Mark Whitt and Rebekah Glover from the Whitt 15 Sturtevant law firm. 16 MS. FLEISHER: Good morning, your Honors. 17 On behalf of the Environmental Law and Policy Center, 18 Madeline Fleisher and Robert Kelter. MR. BORCHERS: Good morning, your Honors. 19 20 On behalf of the Electric Vehicle Charging 2.1 Association, Dylan Borchers. 2.2 EXAMINER PARROT: Thank you. 23 Anyone else? 24 MR. WARNOCK: On behalf of the Ohio

Hospital Association, Matthew Warnock.

410 1 EXAMINER PARROT: Thank you, Mr. Warnock. 2 I think that's everyone. 3 All right. Are we ready to proceed with our next witness? 4 MR. WHITT: I believe it's Mr. White is 5 next on the schedule. And Retail Energy Supply 6 7 Association would call Mr. White to the stand. 8 EXAMINER PARROT: Please raise your right 9 hand. 10 (witness sworn.) 11 EXAMINER PARROT: Please have a seat. 12 (EXHIBIT MARKED FOR IDENTIFICATION.) 13 14 MATTHEW WHITE 15 being first duly sworn, as prescribed by law, was examined and testified as follows: 16 17 DIRECT EXAMINATION 18 By Mr. Whitt: 19 Good morning, Mr. White. Could you 20 introduce yourself to the attorney examiners by 2.1 stating your name and business address. My name is Matthew White. My business 2.2 Α. 23 address is 6100 Emerald Parkway, 43216, Dublin, Ohio.

you that we have marked for identification as RESA

Q. Mr. White, do you have a document with

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411 Exhibit 1? 1 2. Α. Yes. 3 What is this document? Ο. It's my direct testimony on behalf of the 4 Α. 5 Retail Energy Supply Association. 6 Do you have any corrections to RESA Ο. 7 Exhibit 1? 8 Α. No. 9 If I were to ask you the same questions Ο. 10 that appear in RESA Exhibit 1 today, would your 11 answers be the same? 12 Α. Yes. 13 MR. WHITT: Your Honors, at this time 14 RESA would move for the admission of RESA Exhibit 1, 15 subject to cross-examination. 16 EXAMINER PARROT: Thank you, Mr. Whitt. 17 Start in the back. 18 Mr. Borchers 19 MR. BORCHERS: No questions, your Honor. 20 EXAMINER PARROT: Mr. Warnock. 21 MR. WARNOCK: No cross. 2.2 EXAMINER PARROT: Ms. Fleisher. 23 MS. FLEISHER: No cross. 24 EXAMINER PARROT: Ms. Petrucci. 25 MS. PETRUCCI: No questions.

412 1 EXAMINER PARROT: Mr. Oliker. 2 MR. OLIKER: No questions, your Honor. 3 EXAMINER PARROT: Mr. Boehm. MR. BOEHM: No questions, your Honor. 4 5 EXAMINER PARROT: Mr. Pritchard. 6 MR. PRITCHARD: No questions, your Honor. 7 EXAMINER PARROT: Staff? 8 MR. MARGARD: No questions, your Honor. 9 Thank you. 10 EXAMINER PARROT: Mr. Nourse. 11 MR. NOURSE: No questions, your Honor. 12 EXAMINER PARROT: All right. Thank you. 13 Mr. Moore. 14 MR. MOORE: Yes, thank you, your Honor. 15 16 CROSS-EXAMINATION 17 By Mr. Moore: 18 Good morning, Mr. White. Q. 19 Α. Good morning. 20 Mr. White, would you agree that before Q. 21 switching from nonshopping to shopping, some 22 customers have questions about the product they're buying? 23 24 Some customers may have questions. 25 Q. Would those questions include how much

money they could save by switching from nonshopping to shopping?

- A. It could be how much -- the difference between their current rate versus, you know, the rate they're considering, yes, that's -- that's a potential.
 - Q. Fair enough.

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Could other questions be whether AEP Ohio will still be sending them a utility bill?

- 10 A. Yes, that could be a question they may
 11 have.
 - Q. And customers may have these questions because shopping may be a new experience for them; is that correct?
 - A. It's possible that the first time a customer -- the customer is switched, there is an instance, yes.
 - Q. Do you know what the annual price to compare is? Generally?
 - A. Yes, I know what that is, yes.
 - Q. Can you tell us what it is?
- A. It is typically the utility's standard for -- talking electric purposes -- the utility's

 Standard Service Offer price which is usually very variable based on the customer's consumption, and

typically the price to compare is a price that would be the customer's price on the SSO based on their consumption.

- Q. So customers can use this as a comparison tool if they are thinking about switching from nonshopping to shopping; is that correct?
 - A. Yes, that's possible.
- Q. And the price to compare is on a nonshopping customer's AEP Ohio utility bill; is that correct?
- A. I believe the current rules do allow the price to compare to be on the utility -- the customer's utility bill if they're shopping.
 - Q. As well as nonshopping, correct?
- A. If they're nonshopping then that would just be the price.
- Q. Okay. There's other usage data on the utility bill as well, correct?
 - A. If you -- can you provide me a copy of the utility bill so I can confirm that? I don't -- I don't -- I can't say.
 - Q. Would your answer be "I don't know" then?
- 23 A. Yes.

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Q. Now, if a customer has a question about switching from nonshopping to shopping, they could

call their utility, AEP Ohio, and attempt to have those questions answered, correct?

A. I'm sorry. Can you repeat the question?

MR. MOORE: Could you have the question read back, please.

(Record read.)

- A. Yes, that's possible.
- Q. And AEP Ohio has a call center that's intended to address customer calls?

 MR. WHITT: Objection.
- 11 O. Correct?

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MR. WHITT: I believe that assumes facts. The question assumes call centers establish a purpose of handling shopping customer calls. So it's really --

MR. MOORE: Your Honor, I didn't mention customer call -- or shopping calls.

EXAMINER PARROT: Overruled.

- A. AEP has a call center. I cannot speak to what the intent of the call center is.
- Q. Do you know if there is a call center specifically for shopping-related calls?
- A. CRES providers have a call center which typically addresses shopping customers' concerns so, yes, there are -- they are provided and funded by

CRES providers.

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- Q. Do you know if AEP Ohio has a call center specifically to address shopping-related calls?
 - A. No. AEP does not.
- Q. Page 15 to 17 of your testimony, you describe the "Enroll from My Wallet" program, the proposed "Enroll from My Wallet" program, correct?
 - A. I'm sorry. What page did you say?
 - O. 15 to 17.
 - A. Yes.
- Q. This program is designed to allow a customer to enroll with a CRES provider without the customer having their utility bill in front of them; is that correct?
- A. Is it -- is that a statement in my testimony or is that your --
 - Q. I am just asking the question.
- A. Oh, you are just asking a question. Can you repeat the question, please?
- Q. The "Enroll from My Wallet" program is designed to allow a customer to enroll with a CRES provider without the customer having their utility bill in front of them; is that correct?
- A. Yes, that would allow -- the "Enroll From Your Wallet" program would allow for a customer to

enroll without the utility bill.

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- Q. And that's because most customers can't recall their account number which is on the utility bill from memory; is that right?
- A. Typically customers do not know their account number off the top of their head.
- Q. So, instead, the "Enroll from My Wallet" program would allow a customer to enroll with a CRES provider by providing other personally-identifiable information, right?
- A. Yes. And I would also like to make a clarification that the -- it's not -- in AEP Ohio it's the service delivery identifier that is typically required to enroll, not the account number, although the account number often is required with other utilities.
 - Q. Okay. Thank you.
 - A. I am sorry. Did I answer your question?
- Q. Specifically, a customer could enroll by providing their phone number and then either the last four digits of their Social Security number or the amount of one of the customer's last three bills; is that right?
- A. That is a current -- that is a functionality that AEP currently has, and I believe

that's the intent of the implementation of "Enroll From Your Wallet" which would allow customers to enroll with that information.

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- Q. Would the customers have to remember the amount of their utility bill to the penny, the exact amount?
- A. Well, I am not 100-percent sure how it would be implemented. My understanding is they would not because they would be able to enroll with their telephone number and the last four digits of their Social Security number. So if -- they wouldn't be required to know the exact bill amount to enroll under this mechanism.
- Q. RESA does not track how many customers have ultimately not selected a product from a CRES provider due to the customer not having their service delivery identifier number readily available, correct?
- A. Can you repeat the question, please?

 MR. MOORE: Can we have the question read back, your Honor?

22 EXAMINER PARROT: Yes.

(Record read.)

A. There's a lot of nots in that question.

I'm not sure I understand the question.

- Q. Does RESA track how many customers have ultimately decided not to select a product from a CRES provider because the customer did not have their service delivery identifier number available to them?
- A. Are you saying do we track customers that don't enroll because they don't have the SDI number available? Is that what you are trying to say?
 - Q. That is what I am saying.
- A. Okay. No, currently, we don't track that statistic.
- 11 Q. Thank you.

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And RESA has also not quantified how many more customers it expects would enroll with a CRES provider if the "Enroll From My Wallet" program were approved as proposed, correct?

A. Can you repeat the question, please?

MR. MOORE: Can we have the question read back, your Honor?

EXAMINER PARROT: Yes.

(Record read.)

- A. We have not -- you're correct, yes.
- Q. Mr. White, there is a one-time
 authorization fee for each CRES provider; is that
 correct?
- A. What do you mean by "a one-time

authorization fee"?

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- Q. To become a CRES provider, there is an authorization fee; is that correct?
 - A. That we pay to AEP?
 - Q. Correct.
 - A. I don't know.
- Q. On page 16, lines 339 to 340, you also talk about another authorization fee. This is a one-time authorization fee of \$5,000 to cover implementation costs. Do you see that?
- A. Oh, you mean from the "Enroll From Your Wallet"? Okay. I thought you just meant to become a CRES provider. Yes, under the stipulation there would be a one-time authorization fee if you would like to participate in "Enroll From Your Wallet".
- Q. And currently there has been no determination as to the method of the payment of that authorization fee; is that correct?
- A. I would just assume it would be a cash transfer from the CRES provider to AEP.
- Q. Is it possible for any of this \$5,000 authorization fee to be passed on and paid for by residential consumers?
- MR. WHITT: I'll object or I guess ask a clarification in terms of passed on by who?

Q. By AEP Ohio.

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MR. WHITT: In which case I'll object in that it calls for speculation.

EXAMINER PARROT: Mr. White, you may answer the question, if you know.

A. I can't speculate.

EXAMINER PARROT: So you don't know?

THE WITNESS: I don't know what AEP -- what AEP is going to do.

MR. MOORE: Thank you, your Honor.

- Q. On page -- on lines 340 to 342, you state that once implementation costs have been collected, AEP Ohio will credit any additional funds to offset the costs of changes to the supplier portal/EDI protocol; is that correct?
- A. I'm sorry. Can you repeat where in my testimony?
- Q. Sure. Lines -- excuse me. Page 16, lines 340 to 342. Are you there, Mr. White?
 - A. Yes, I'm reading it right now. Yes.
 - Q. Okay. You cannot quantify the estimated additional funds referred to in those lines, correct?
 - A. I don't know.
- Q. You don't know what the additional funds will be; is that -- is that correct?

A. I don't know the amount, no.

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- Q. And you cannot quantify the estimated costs related to the changes to the supplier portal/EDI protocol as a result of the "Enroll From My Wallet" program; is that correct?
- A. Although I can't quantify it, I would suspect that it would be minimal given that AEP already has the functionality in place to -- to look up a customer's information based on their phone number or the last four digits of their Social Security number or their last bill amount, so I can't quantify the exact amount, but I would expect it to be minimal.
- Q. If the sum of the implementation costs and the costs of the changes to the supplier portal are less than \$5,000, will that amount be credited back to customers?
 - A. Can you repeat the question, please?
- Q. Sure. Maybe a hypothetical would clarify. If the implementation costs hypothetically were \$3,000, AEP Ohio would credit \$2,000, which is the amount remaining from the \$5,000 authorization fee, to offset the costs of changes to the supplier portal; is that right?
 - A. I don't know how AEP would handle that.

Q. Okay. RESA has not conducted any studies or analysis to determine how often the current customer enrollment procedures result in an unsatisfactory consumer experience for AEP Ohio's service territory customers, has it?

A. No.

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Q. You have not conducted any studies or analysis to determine whether AEP Ohio's service territory customers desire a program designed to achieve the objectives of the "Enroll From My Wallet" program, correct?

MR. WHITT: Objection, relevance.

MR. MOORE: Your Honor, I think that the customer's desire and whether the customer believes they will benefit from the program is directly related to the three-part test and how this entire program and entire settlement will be determined.

EXAMINER PARROT: Overruled.

- A. We haven't conducted any formal study, although typically customers prefer simplicity. And to the extent this enrollment mechanism will make the enrollment experience simpler and more convenient for the customer, then, yes, the customer would want that kind of functionality.
 - Q. RESA has not conducted any studies or

analysis to determine if the "Enroll From My Wallet" program would benefit the competitive electricity market in Ohio either; is that correct?

- A. We've conducted no formal studies on that particular question. But, again, typically customers prefer simplicity. And --
 - Q. Excuse me, I'm sorry.
- A. And given this will simplify the enrollment process, it will benefit the market and customers.
- Q. RESA has also not conducted any studies or analysis to determine how the "Enroll From My Wallet" program would impact the residential consumer's utility bill, correct?
- A. We have not done any formal studies, but I expect it to be very minimal.
 - Q. You also have not conducted a cost/benefit analysis on the "Enroll From My Wallet" program, right?
- A. We have not performed a cost/benefit analysis.
- 22 Q. On page 13, lines 258 to 260.
- 23 A. You said 258 to 260?
- 24 Q. Yes.

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25 A. Okay.

Q. You state under the supplier consolidated billing pilot, a CRES provider would provide customers with a single bill for all the components of their electric service, correct?

A. Yes.

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- Q. And this only applies to CRES customers, correct?
 - A. Yes, customers -- CRES customers, yes.
- Q. So if you're a nonshopping customer, then you can't take advantage of this program, correct?

MR. WHITT: Objection. It assumes facts that the -- I mean -- the testimony is the program would be available to anyone who chose to avail themselves of the supplier consolidated billing. So if a customer chooses not to participate, then, of course, it's not going to be available to them.

MR. MOORE: Your Honor, I am simply asking him some questions about how the program is going to operate, how it's going to work.

EXAMINER PARROT: Overruled.

- A. Can you repeat the question, please?
- Q. So if you're a nonshopping customer, then you can't take advantage of the program, correct?
 - A. That's not correct.
 - Q. Why is it not correct?

- A. Because if you're a nonshopping customer, you could shop and take advantage of the program.
- Q. So you have to be a shopping customer in order to take advantage of the program, correct?

 MR. WHITT: Objection.

EXAMINER PARROT: Overruled.

- A. Any customer can shop, so any customer can take advantage of the program. Some customers may shop for a while. Some customers go -- may go back to the utility. But any customer can take advantage of the program as they wish to.
 - Q. If they are shopping, correct?
- A. I would say they could take advantage of it at any time by shopping.
- Q. So if you are a nonshopping customer with AEP Ohio, you can take -- you can use the supplier consolidated billing pilot; is that correct?

MR. WHITT: Objection.

MR. NOURSE: Objection, asked and answered.

MR. MOORE: He hasn't answered the question yet, your Honor.

MR. WHITT: He has answered it.

MR. MOORE: He is answering the question

25 he wishes to answer.

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MR. WHITT: He hasn't given you the

answer you're looking for and he is not going to, so

move on.

EXAMINER PARROT: Response, Mr. Moore?

EXAMINER PARROT: Response, Mr. Moore?

Anything else you wish to add?

MR. MOORE: No.

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EXAMINER PARROT: You kind of got cutoff there.

MR. MOORE: Thank you.

EXAMINER PARROT: I agree it's been asked and answered in his fashion anyway, Mr. Moore.

MR. MOORE: Thank you, your Honor.

- Q. (By Mr. Moore) So under the supplier consolidated billing pilot, the marketer is responsible for collecting all the charges from the customer, correct?
- A. When you say "all the charges," can you please clarify what you mean by "all the charges"?
- Q. Charges that a CRES provider would charge to one of its customers.
- A. Yes, under supplier consolidated billing, we would collect all of the CRES provider's charges as well as the utility distribution charges.
- Q. And then the marketer would remit the distribution revenues to the utility, correct?

A. Yes. I believe mechanically we would purchase it -- purchase -- or AEP would purchase -- I'm sorry. We -- we would purchase the utility's -- or the utility would purchase the distribution revenue -- revenues from us and we would be required to collect those.

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- Q. Mr. White, so under the pilot, the pilot will cost -- the pilot costs will be shared, a million dollars being paid by AEP customers and a million dollars being paid by marketers; is that correct?
- A. Are you referring to a specific portion of my testimony?
 - Q. I'm referring to the supplier consolidated billing pilot.
 - A. I believe that's the case, yes.
 - Q. And the million dollars paid by AEP customers is not bypassable, correct?
 - A. I do not know how AEP will recover that money or if they will recover it.
 - Q. Lines 265 to 266, you state that "More and more customers are demanding value-added products and services with their electric commodity." You have not conducted any studies or analysis to support this statement, correct?

429 1 Α. Can you repeat the question, please? 2 MR. MOORE: Can we have the question read 3 back, your Honor? EXAMINER PARROT: Yes. 4 5 (Record read.) 6 MR. OLIKER: Your Honor, can I have a clarification? Who is "you" in this sentence? 7 8 MR. MOORE: RESA. That's not correct. 9 Α. 10 MR. MOORE: Your Honor, may I approach? 11 EXAMINER PARROT: You may. 12 MR. MOORE: Your Honor, could we have 13 marked as Exhibit OCC Exhibit 6, RESA's Response to 14 OCC Interrogatory 33. 15 EXAMINER PARROT: So marked. 16 (EXHIBIT MARKED FOR IDENTIFICATION.) 17 Q. Do you have a copy of OCC Exhibit 6, 18 Mr. White? I do. 19 Α. 20 Q. Are you familiar with this document? 2.1 Α. Yes. 22 Q. So you've seen it before? 23 Α. Yes. 24 In response to the Interrogatory 33, you Ο.

quote, "In reference to the Direct Testimony of

Matthew White at page 13:266 to 266, have you conducted any studies or analyses to support this statement?" Did you respond, in part, "No, RESA has not conducted such a study"?

- A. In your question you asked studies or analysis. I responded, "No, RESA has not conducted a study." It did not mean we have not done an analysis.
 - Q. Thank you for that clarification.

In lines 270 to 272, you state, "Further, customers may not even want a separate price for each service, but rather may want a bundle all-in price."

Do you see that?

- A. I'm sorry. Can you please reference the line again?
- O. Yes. 270 to 272.
- 17 A. Yes.

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- Q. You have not conducted any studies or analysis to support this statement, correct?
- A. I'll defer to my previous answer that we have not conducted any formal studies, but we have certainly done an analysis.

MR. MOORE: Your Honor, may I approach?

24 EXAMINER PARROT: You may.

MR. MOORE: Could we have marked as OCC

Exhibit 7, RESA's Response to OCC Interrogatory 30.

(EXHIBIT MARKED FOR IDENTIFICATION.)

- Q. Mr. White, do you have what has been marked as OCC Exhibit 7?
 - A. Yes.
 - Q. Are you familiar with this document?
- A. Yes.

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- Q. The response to the interrogatory reads, "In reference to the Direct Testimony of Matthew White at page" --
- 11 EXAMINER SEE: Just a moment.
- Mr. Michael.
- MR. MICHAEL: Sorry.
 - Q. -- "page 13, lines 270 to 272...have you conducted any studies or analyses to support this statement?" Did RESA respond, in part, "No"?
 - A. That was part of the response and then, you know, just to clarify, we haven't done any studies, formal studies, but understanding the market and analyzing the market and knowing customers' preferences because we're in the business of providing products and services, our analysis is that customers want a single billed product for simplicity purposes.
 - Q. The response to this interrogatory which

cites the sentence "Further, customers may not even want a separate price for each service, but rather may want a bundled all-in price." OCC asked "Have you conducted any studies or analyses to support this statement." RESA responded "No," correct?

A. Correct, and I just clarified that response.

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MR. WHITT: And I would further indicate for the record that the responses were provided subject to objection. In part because of the vagueness insofar as I still don't know what OCC means by study or analysis, and I don't think the witness and the lawyer are on the same page about that either.

EXAMINER PARROT: Thank you, Mr. Whitt.

- Q. (By Mr. Moore) Mr. White, have you conducted any studies or analysis to determine whether AEP Ohio's service territory customers desire a program designed to achieve the objectives of the supplier consolidated billing program?
- A. Per my previous responses, the analysis that's been conducted is an understanding of the market and understanding what customers want in the market, because our business is to know what customers want, so we can provide them products and

services.

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- Q. So your answer is "yes"?
- A. My answer is we have not conducted any formal studies, but we've analyzed the market.
- Q. You have also not conducted any formal studies or analysis to determine whether AEP Ohio's service territory customers prefer receiving a consolidated bill from a CRES provider over AEP Ohio, correct?
- A. My answer is the same as the previous answer.
 - Q. Which is "no"; is that correct?
- 13 A. It's the same as the previous answer.

MR. MOORE: Your Honor.

EXAMINER PARROT: Mr. White, please answer the question.

- A. We have not conducted any formal studies, but we regularly analyze the market to understand customers' preferences.
- Q. Have you conducted any formal studies or analysis to determine how the supplier consolidated billing program impacts the average residential consumer's utility bill?
- A. We have not conducted any formal studies, but we regularly analyze the market to understand

customers' preferences.

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- Q. You also have not conducted any formal studies or analysis to determine if the customers in the AEP Ohio service territory are in favor of paying the costs associated with the supplier consolidated billing pilot program in order to receive the purported benefits of the pilot program, correct?
- A. We have not conducted any formal studies, but we do continue to analyze the market to understand customers' preferences.
- Q. You've also not conducted any formal studies or analysis to determine if the supplier consolidated billing program would benefit the competitive market in Ohio, correct?
- A. We have not conducted any formal studies, but our general analysis is it would benefit the market.
- Q. But you have not conducted a formal study or analysis, correct?
 - A. We've not conducted a formal study.
 - Q. Thank you.

Moving on to the competition incentive rider, the CIR. If I refer to the competition incentive rider as the "CIR," will you know what I am referring to?

A. Yes.

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- Q. The CIR charge is meant to address costs relating to SSO supply that are being recovered through base distribution rates, correct?
 - A. I'm sorry. Can you repeat the question?
- Q. Sure. The CIR charge is meant to address costs relating to SSO supply that are being recovered through base distribution rates, correct?

MR. MARGARD: Sorry.

- A. Yes. Among other things, but yes.
- Q. And the SSO price is the result of a competitive auction, right?
 - A. That is a component, yes.
- Q. Is one of the components of the competitive SSO auction a CIR charge?
- A. Currently, a CIR charge is not part of the SSO price.
 - Q. Do you know if the proposed future SSO auctions include a CIR component?
- A. Can you repeat the question, please?

 MR. MOORE: Can we have the question read
 back, your Honor?

23 EXAMINER PARROT: Yes.

24 (Record read.)

A. If you're referencing the stipulation, if

the stipulation is approved, that would be included.

- Q. That would be included as part of the SSO auction?
- A. I don't know how mechanically it would work. But a CIR would be part of the SSO.
- Q. So the SSO price, as you said, is determined by an auction, right?
- A. It's determined by multiple auctions blended.
 - Q. Fair enough.

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And to your knowledge would those auctions, if the settlement is approved, now include a CIR component or charge as part of the auction?

- A. I think actually the CIR would be separate. I think the way AEP sets their default service price is they have an SSO rider and then they have -- which effectively covers the costs of -- of the auctions, and then they have other riders, most of them being nonbypassable, so I don't believe the CIR would actually be recovered through the SSO rider, it would be a separate rider much like all the other riders that AEP has.
- Q. Okay. So it would be a rider that would be determined outside of the auction, correct?
- A. Yes.

- Q. The CIR charge proposed in the settlement is 0.00105 kilowatt-hours, correct?
- A. Can you repeat that number, again, please just to make sure.
 - O. Yes. 0.00105 kilowatt-hours?
 - A. Cents per kilowatt-hour, yes.
- Q. And the settlement proposes to keep that base distribution rate case establishing a different level, correct?
- 10 A. Yes.

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- Q. And you do not believe that the amount in this settlement is the most accurate amount, correct?
 - A. I believe it should be higher.
- Q. On page 8, lines 166 to 168, let me know when you're there.
- 16 A. Yes.
- Q. You state, "Therefore, I recommend that
 the Commission adopt the CIR amount proposed in the
 stipulation until a more accurate level can be
 established in the next base distribution rate case,"

 correct?
- 22 A. Yes.
- Q. Why do you believe a base rate case would be able to establish a more accurate level for the CIR?

A. Well, in my initial testimony in this proceeding, I set forth analysis that demonstrated a true proper unbundling of costs would be closer to .004 cents per kilowatt-hour which is roughly 25 percent -- which is four times as much as what was ultimately settled on.

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But because the settlement and the stipulation was a product of negotiation, all of the parties, including the PUCO staff, agreed to set the CIR as a much lower number and that further analysis would be done in the distribution rate case to determine the actual number.

MR. MOORE: Your Honor, I move to strike his entire response as nonresponsive to my question.

EXAMINER PARROT: I'll allow the answer to stand, but I'm going to allow you to try it one more time, Mr. Moore. I don't think we've addressed the question. You sort of touched on it there a little at the end, but please expand on that, Mr. Moore. Go ahead and repeat the question, Mr. Moore.

MR. MOORE: Okay.

Q. In reference to page 8, 166 to 168, you state that "a more accurate level can be established in the next base distribution rate case." Why do you

believe a more accurate level can be established in a base distribution rate case?

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A. Because the CIR, as proposed in this proceeding, effectively takes the costs that are, for the most part, uncontested, that they should be attributed to default service including uncollectible expense in the next base rate case. So it takes just the, for lack of another term, no-brainer cost that is, you know, it's hard to refute that it should be allocated to default service.

The next base rate case you can look into things that probably should be allocated to default service such as customer care and account management costs, but have a more fixed component and do a more appropriate analysis about that, those costs.

Again, I did that analysis in my testimony using AEP's C Schedules, but in the next base rate case you'll have actual data.

- Q. And the actual data will provide a more accurate level of a proposed CIR charge?
- A. I think in the next base rate case you'll have the data to support a much higher charge for the CIR.
- Q. So the numbers you used that you reference were from AEP's 2011 base rate case,

correct?

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- A. Yes.
- Q. And so AEP's next base rate case will have more recent figures, correct?
 - A. Yes.
- Q. And those will produce a more accurate number, correct?
- A. Yes, that's why you have rate cases to continue to revise rates based on current costs.
- Q. So you stated to calculate your proposed CIR charge, you analyzed certain accounts from AEP Ohio's last base rate case, right?
 - A. Yes.
- Q. And specifically, you looked at page 10, line 1, there's a number there, \$168,812,000 of expenses that you considered to determine how much the CIR charge should be; is that right?
- A. That's the base number. That's not the actual amount that I -- that I calculated to be allocated.
- Q. Right. To determine how much of that \$168,812,000 of expenses should be allocated to the SSO, you divided the amount of SSO revenue by the amount of total revenue; is that right?
- 25 A. The amount of SSO revenue divided by

AEP's total revenue, yes. To get the allocation factor that I applied to the \$168 million of expenses, the portion of which I -- I've identified should be allocated to the SSO.

- Q. Okay. Those expenses you used to calculate the \$168 million are from Table 1 on page 10; is that right?
- A. Table 1 is a snapshot portion of AEP's C Schedules which are further identified in my exhibits.
- Q. Let's take a closer look at some of those. If you could turn to MW-6. Schedule C-2, page 1 of 2. I think it's the third page of Exhibit MW-6. Are you there, Mr. White?
 - A. No. I am trying to figure where exactly it is. Okay. I'm sorry. I'm at MW-6. Which?
- Q. I think it's page 3 of that exhibit.

 18 It's Schedule C-2, page 1 of 2 of Schedule C-2.
 - A. Schedule C-2, page 1 of 2, yes.
 - Q. All right. So these -- the numbers on this page correlate back to your table on page 10, correct, specifically lines 15, 16, 18, and 26?
- A. 15, 16. I am sorry, what are the lines you are saying?
- 25 Q. 18 and 26.

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442 1 Α. Yes. 2 Q. If you turn to Schedule C-2.1, pages 2 to 3 3. Α. 4 Yes. You have a breakdown of those -- there is 5 Ο. 6 a breakdown of those expenses, correct? 7 Α. Yes. I believe so. 8 Ο. If you look on page -- Schedule C-2.1, 9 page 2, line 38, there is a meter reading expense; is 10 that correct? 11 Α. Yes. 12 Now, nonshopping customers have meters, Q. 13 correct? 14 Α. Yes. 15 Q. Shopping customers also have meters, 16 right? 17 Yes. Α. 18 And AEP Ohio reads meters for both Q. 19 shopping and nonshopping customers, correct? 20 Α. Yes. 2.1 Q. And those expenses will be included in 22 this line item in line 38, correct? 23 Α. No, not the entire amount. It would be 24 an allocation portion of that amount. So as you --25 as you alluded to previously, there would be an

allocation factor of -- applied to that amount.

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- Q. Okay. But the line item does not break out how much expenses were for shopping customers' meter reading, correct?
- A. No, but what we would do is you would take the allocation, which effectively was done in the analysis, is you took the allocation factor and not just that portion. I would like to point out that was a very small portion of the overall number, but you would take that and apply the allocation factor to it to get to the amount that would be allocated to the CIR.

MR. MOORE: Your Honor, I move to strike everything after the word "No," as not responsive to my question.

EXAMINER PARROT: The motion to strike is denied, Mr. Moore.

MR. MOORE: I have no further questions, your Honor.

EXAMINER PARROT: Any redirect?

MR. WHITT: No, your Honor.

EXAMINER PARROT: Thank you.

Thank you, Mr. White.

MR. WHITE: Thank you.

25 EXAMINER PARROT: Let's deal with the

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     exhibits. Are there any objections to the admission
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     of RESA Exhibit 1?
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                 Hearing --
                 EXAMINER SEE: Let's go off the record
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     for a second.
                 (Discussion off the record.)
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                 EXAMINER PARROT: Let's go back on the
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     record.
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                 Any objections to the admission of RESA
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    Exhibit 1?
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                 Hearing none, RESA Exhibit No. 1 is
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     admitted.
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                 (EXHIBIT ADMITTED INTO EVIDENCE.)
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                 EXAMINER PARROT: Mr. Moore.
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                 MR. MOORE: Yes. At this point, OCC
    would move for the admission of OCC Exhibits 6 and 7.
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                 EXAMINER PARROT: Are there any
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     objections?
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                 MR. WHITT: No objection.
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                 EXAMINER PARROT: OCC Exhibits 6 and 7
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     are admitted.
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                 (EXHIBITS ADMITTED INTO EVIDENCE.)
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                 EXAMINER PARROT: Let's go off the record
24
     for a minute.
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                 (Discussion off the record.)
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                 EXAMINER PARROT: Let's go back on the
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     record.
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                 At this point we're going to take a
     20-minute recess. Thank you.
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                 (Recess taken.)
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                 EXAMINER SEE: Let's go back on the
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     record.
                 Mr. Michael.
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                 MR. MICHAEL: Yes, your Honor. OCC would
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     like to call Mike Haugh to the stand.
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                 EXAMINER SEE: Mr. Haugh, if you would
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     raise your right hand.
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                 (Witness sworn.)
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                 EXAMINER SEE: Thank you. Have a seat.
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                 MR. MICHAEL: Your Honors, we would like
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     to have marked as OCC Exhibit 8, the supplemental
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     testimony of Michael P. Haugh.
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                 EXAMINER SEE: So marked.
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                 (EXHIBIT MARKED FOR IDENTIFICATION.)
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                        MICHAEL P. HAUGH
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    being first duly sworn, as prescribed by law, was
     examined and testified as follows:
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                       DIRECT EXAMINATION
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     By Mr. Michael:
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- Q. Would you state your name, please.
- A. Michael Haugh.
 - Q. And where are you employed?
- A. The Office of the Ohio Consumers'
- 5 Counsel.

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- 6 Q. And did you do testimony for this matter?
- 7 A. I did.
 - Q. And do you have before you, Mr. Haugh, what was previously marked as OCC Exhibit 8?
- 10 A. I do.
- 11 Q. Can you identify that document, please?
- 12 A. That is my supplemental testimony in 13 opposition to the Joint Stipulation and
- 14 Recommendation in this case.
- Q. And was that testimony prepared by you or at your direction?
- 17 A. It was.
- Q. And do you have any corrections to that testimony?
- A. One minor correction. On page 18,
 line 16, it is -- it says "AEP's bill" and it should
 be "its bill." Reading the sentence in full in its
 context, "Supplier consolidated billing allows a
- 24 Marketer to include its own branding and marketing on
- 25 | its bill and also include line items that may not be

allowable on a traditional utility bill."

Q. Okay. Thank you, Mr. Haugh.

If I were to ask you the questions in your supplemental testimony, would your answers be the same with that correction?

A. Yes.

MR. MICHAEL: Your Honor, I move for admission of OCC Exhibit 8, subject to cross-examination.

EXAMINER SEE: Just for clarification, what day is the testimony that you have marked as OCC Exhibit 8 filed?

MR. MICHAEL: October 11, 2017.

EXAMINER SEE: Thank you.

Any cross-examination for this witness,

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MR. WHITT: Yes, thank you, your Honor.

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19 CROSS-EXAMINATION

20 By Mr. Whitt:

- Q. Good morning, Mr. Haugh.
- A. Good morning.
- Q. Let me first ask you some questions about the "Enroll With Your Wallet" proposal. And it's true, isn't it, that today, customers currently need

to provide their service delivery identifier or SDI to enroll with a CRES supplier, correct?

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- A. Under -- in AEP service -- excuse me -- service territory, yes.
- Q. Okay. And the purpose of requiring that identifier is so that the marketer and utility can confirm that an applicant is who they say they are, correct?
- A. In part. I believe it's, from AEP's point of view, it's also to make sure that the correct account is being assigned and that the —that there actually is an account set up for that address.
- Q. Okay. And OCC objects to allowing customers to identify themselves with information that the customer/consumer already knows, correct?
- A. I am not sure I understand what you mean by that.
- Q. Well, I think we've agreed that the purpose of requiring the SDI is, at least in part, to identify an account and a real person associated with that account, correct?
 - A. That's part of the reason.
- Q. And the SDI is 17 digits typically, isn't it?

- A. I can't -- I don't know that for sure.
- Q. Okay. Under the stipulation, accounts could be identified by the customer's -- the last four of their Social Security number or their -- and their telephone number, correct?
- A. I'm just trying to remember exactly what it was. I believe it's the last four of their Social Security number or one of their last three months' bill amounts along with the phone number. I would have -- I could double-check the stipulation to verify that if that would help.
- Q. Okay. Can we agree that a customer is more likely to know from memory their telephone number and the last four of their Social Security number than they are their SDI?
- A. I can't say that for sure.
 - Q. You don't have an opinion on that?
 - A. No.

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- Q. Okay. And it's OCC's position that -that before enrolling with a marketer, customers
 should consult their bills, correct?
 - A. Yes.
- Q. And you testified at page 13, line 16, toward the end of line 16, "The bill provides useful information such as their current price to compare,

usage data, and information regarding their current supply choice." Did I read that correctly?

- A. That is correct.
- Q. Is it fair to assume that customers are likely to be aware of who their current supplier is without having their utility bill in front of them?
 - A. Not always.
- Q. The price to compare is widely available from sources other than a customer's bill, isn't it?
 - A. Not widely.
- 11 Q. Well --

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- A. It's actually quite difficult to find.
- Q. Well, in fact, you found it, didn't you, at page 12 of your testimony, from the AEP website, correct?
- A. I have 20 years of experience in the utility industry. Most people don't understand shopping at all.
- Q. Okay. But do you think people would find it difficult to plug the letters "AEP" into Google to get to the website if they are actively engaged in shopping for a supplier?
- A. To find the -- it wasn't as simple as
 it's posted on the website. To find the price to
 compare, I had to go to the AEP website, find a bill

calculator, fill in usage information on that bill calculator, and then after the spreadsheet calculated it, it gave the price to compare. So it's not an easy process at all.

- Q. And the PUCO web -- also has a website that shows comparative data, doesn't it?
 - A. It does not.

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- Q. Customers can't go to the PUCO website to show historical offers and the historical price to compare?
- A. Historical price to compare is not on the Apples to Apples or the -- I can't remember the new name of the website, but the formerly known as the Apples to Apples.
- Q. Okay. If a customer only looked at their utility bill and nothing else in deciding whether they want to accept an offer, that consumer would not know what other offers were available in the market, correct?
- A. And I'm not saying they should only consult their bill. I'm just saying that --
 - Q. Well, my question --

MR. MICHAEL: Do you want to let him
finish, Mr. Whitt, his answer, after you ask a
question, please? I don't think he was done.

EXAMINER SEE: Okay. Mr. Haugh, you can finish your response.

THE WITNESS: Could you reread the question and answer, please.

(Record read.)

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- A. The bill should be used as a tool when deciding if to choose.
 - Q. Let me ask my question again.

If the only thing a customer looked at was their bill, the customer would not know what other offers are available, correct?

- A. The bill does not provide other offers.
- Q. Let's say a customer has their bill in front of them and is ready to enroll with the supplier, there's no way to know whether the customer has researched all available offers, correct?
- A. No way for who to know if the customer has researched all offers?
 - Q. Anyone; even the customer.
- A. I think the customer is the most important person of the -- who is choosing. So the customer would know if they had done research.
- Q. Okay. Well, your testimony seems to be assuming that if -- that the bill is going to give the customer information that they need to make an

informed decision, correct?

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- A. Yes, I stated the bill gives important information for a customer to have when choosing.
- Q. And we also agree, I think, that there is additional information that ideally the customer should also consider in making a shopping decision, correct?
- A. Yes, there is a lot of information that a customer should take into account when deciding to choose.
- Q. Okay. And would you agree that for customers that have researched all available offers and have used all the resources out there, that there are legitimate reasons a consumer may make a decision based on factors other than the per kilowatt-hour rate between the price to compare and the price that they are willing to pay?

THE WITNESS: Could you reread the question, please?

(Record read.)

- A. There are different -- different reasons for customers to choose. In my experience, the top reason would be to save money.
- Q. Okay. But there could be other reasons, correct? For example, friends and family of IGS may

wish to have IGS as their supplier even if they are going to pay more. Would that seem logical?

- A. I wouldn't say that's necessarily a logical reason to choose a supplier, but it could be a reason.
- Q. You've worked for competitive suppliers before, correct?
 - A. Yes.

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- Q. Have you -- had you ever been enrolled in one of your employer's products?
- A. No. I'm not a good advertisement for them.
 - Q. And is it reasonable to assume that some people, and I don't know who these people would be, but some people may just not like AEP and they want somebody different and they don't care what the price is?
 - A. I imagine there's a lot of people that don't like AEP. It's -- there are -- I cannot get into the mind of everybody. There are millions of reasons why. There are over a million customers in AEP and there could possibly be a million different reasons why people would want to choose.
 - Q. Okay.
 - A. But as I said, the vast majority in my

experience have been to save money.

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- Q. Okay. And you are able to render that conclusion without having conducted any formal study or analysis, correct?
- A. It would be 20 years of experience, over 10 of those working with energy marketing companies.
- Q. Okay. Assume that the SDI is a 17-digit number. Would you agree that there is a margin of error involved in a consumer reading a 17-digit number and somebody on the other end transcribing the number incorrectly or the person reading it off incorrectly?
 - A. I honestly don't know.
- Q. Would you agree that requiring a consumer to supply information from their utility bill in order to enroll with a supplier provides no assurance that the consumer is making an informed decision?
- A. If by -- when you put it that way, there is no way you could say a customer is making an informed decision. It's just giving the customer -- the idea here is giving the customer an additional tool to make a choice that's best for them.
- Q. Well, customers get their bill every month, correct?
- 25 A. Yes.

- Q. And that's true whether the stipulation is approved or not, correct?
- A. I hope they still get their bills every month.
- Q. Okay. Let me -- let's switch to the CIR. Starting with page 15 of your testimony is where the discussion starts. And on page 18, I'm paraphrasing here, but you characterize the CIR as a mechanism that artificially inflates the SSO, correct?
 - A. Yes.

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- Q. If an inflated SSO is not just and reasonable, would it be fair to say that an artificially deflated or depressed SSO also would not be just and reasonable?
- A. I think that the SSO does that to be properly priced.
- Q. It shouldn't be too high or too low, correct?
- A. It should represent what the -- the proper market price.
 - Q. Okay. And at page 16, line 1, you indicate that "The SSO is the result of a competitive auction...," correct?
 - A. Yes.
- Q. And the auction you're referencing is the

supplier tranches that are bid to establish the rate for generation service, correct?

A. Yes.

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- Q. SSO customers need more than just generation service to receive electricity in their homes, correct?
- A. Yeah. They will need a distribution -- distribution system, transmission system.
- Q. Okay. And the distribution system or distribution services include ancillary services like meter reading and the other things Mr. White talked about this morning, correct?
- A. Yeah, there is a variety of things; meter reading being one of them.
 - Q. And those services are -- the costs for those services are recovered through AEP's distribution rates, correct?
 - A. Partially. There's a number of riders that would also cover some of the distribution costs.
 - Q. Distribution rates are nonbypassable, correct?
- A. I'm trying to think through all the different riders, what they cover. I would say the majority are nonbypassable.
 - Q. And the nonbypassable distribution rates

include the distribution-related components of SSO
service, correct?

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- A. I'm sorry. The distribution rates cover distribution services; is that what you said?
- Q. Well, AEP's distribution rates include the distribution service components that are necessary to also provide SSO service; is that correct?
- A. That I'm not sure. You might be taking a jump one step beyond. I'm not sure of all the --
- Q. Well, I think we've agreed that SSO customers, when the SSO generation price is established, that a default nonshopping customer needs more than just the generation service to have electricity when they flip their switches, correct?
- A. Yes. Just like anybody needs additional. So if you're shopping or nonshopping, you would need that SSO or Choice.
- Q. Okay. And apart from the SSO generation service, the Standard Service Offer customers are paying for the other service components they need through distribution rates, correct?
- MR. MICHAEL: Objection, asked and answered.
- 25 EXAMINER SEE: You can -- overruled.

Answer the question, Mr. Haugh.

THE WITNESS: Could I have the question reread, please?

4 EXAMINER SEE: Certainly.

(Record read.)

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- A. They're paying the distribution service through distribution rates and then transmission through a transmission rider.
- Q. But there are -- do you agree that there are -- AEP incurs costs to serve SSO customers that aren't fully recovered through the SSO rate?
 - A. Do you have some examples of those?
- Q. Well, all of the costs that Mr. White discussed this morning in his testimony which I think you were here for.
- A. I'm trying to think through -- I didn't necessarily agree with all of the costs that

 Mr. White stated were charged to SSO customers. Or costs that were incurred by SSO customers, but not Choice supply customers.
- Q. Well, let's take meter reading costs, for example. AEP reads meters whether somebody shops or not, correct?
- A. Correct.
- Q. So they're -- a portion of the meter

reading costs would be attributable to shopping customers and a portion would be attributable to nonshopping customers, correct?

- A. Everyone needs to have their meter read, so that's -- that's not necessarily -- that's not a Choice versus an SSO issue. Whether you're -- you are going to need to have your meter read regardless.
- Q. Let's -- I am going to ask you now about supplier consolidated billing. And what we're talking about here basically is competitive suppliers issuing bills to customers instead of the utility, correct?
 - A. Yes.

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- Q. And the \$2 million pilot program cost addressed in the stipulation would be split 50/50 between the marketers and AEP, correct?
 - A. Yes.
- Q. And it's OCC's position that marketers should pay all of those costs because marketers primarily benefit from consolidated billing; is that a fair characterization?
 - A. It's very generalized but close enough.
- Q. Okay. Now, if a customer participates in supplier consolidated billing, AEP is relieved of the costs associated with billing that customer, correct?

- A. A portion of the costs may be relieved.
- Q. Okay. And the portion that is relieved,
 AEP continues to recover that cost in its rate,
 correct? Between rate cases?
- A. I'm not sure of that. I'm not sure how all of the costs are allocated.
- Q. Well, if -- if test year billing costs were established at X, based on an assumed level of cost with an assumed number of customers, that's what AEP will recover for those costs, correct?
- A. Yes.

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- Q. And to the extent customers begin to receive bills from marketers instead of from AEP, AEP's costs would be reduced, wouldn't they?
- A. In the -- yes. And the sticking point there is how much would they be reduced and that's -- that's why if there is going to be a CIR, then there needs to be a complete rate case to study the proper allocation of costs and how much costs are with which entity.
- Q. Okay. But in terms of supplier consolidated billing, to the extent costs are effectively shifted from AEP to marketers, then it would be fair to say that AEP also benefits from supplier consolidated billing, wouldn't it?

A. I have no idea if AEP has any benefits.

I say that because I know there would still be a lot of work that would have to be done on their end, and it wouldn't be just easier for them, in the long run, to issue their own bills.

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- Q. Well, would it be fair to assume that if AEP is reducing costs below the revenue authorized in its rates, that that would be a benefit to AEP?
- A. And I'm saying I don't know what the -if there necessarily is a benefit if what they lose,
 what AEP loses by having to do the work to prepare
 the bills, sending the information to the CRES
 supplier, and losing the ability, essentially losing
 their advertising by mailing out a bill to them every
 month, having that constant point of contact with the
 customer could actually be a detriment to AEP and not
 a benefit.
- Q. You would agree, wouldn't you, if supplier consolidated billing was shifted entirely to marketers, that those costs would have to be passed along to the consumers participating in supplier consolidated billing, correct?
 - A. They could be.
- Q. And the supplier consolidated billing customers would continue to pay distribution rates

that also reflect AEP's billing cost, correct?

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- A. There's some -- there's some timing issues as to when -- when this would occur, if it's pre or post rate case, things of that nature, but there is a possibility for some lag in between rate cases.
- Q. Okay. And so in the scenario you just described, supplier consolidated billing customers would end up paying for billing services that they don't use and that provide them the benefit, correct?
- A. Yeah, but that's -- that's an issue you are going to run into with just about anything that occurs in this when you're -- when you're having to work off a lagging system, but in this case they would be -- if they are in between rate cases, then you are at a point of it's -- it's never absolutely perfect.
- Q. Well, one way to mitigate the lag is for AEP and the suppliers to split the costs, isn't it?
- A. Not necessarily. Someone is always going to be paying for something they don't -- that's not benefiting them or they are not incurring the costs for.
- Q. Understood, but is there a reason to -- when -- when that phenomenon can be known in advance

and mitigated, wouldn't it make sense to mitigate it?

In this instance through a 50/50 cost sharing as opposed to putting 100 percent of the costs on a defined segment of the customer base?

- A. Well, right now, you're -- you're -- the proposal on the table is for customers to pay for 50 percent of this. When you're looking at roughly 30, 40 -- only 30, 40 percent of residential customers are shopping and of that -- of that amount there is a number that are never going to shop. And you're asking these people that have no desire to shop to pay for a system that is of no benefit to them.
- Q. Okay. Do you know what -- OCC is funded largely through assessments on utilities and CRES suppliers, correct?
 - A. Yes.

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- Q. Do you know roughly what -- what that assessment was in the aggregate to OCC any time in the last year or two?
 - A. Basically what our budget is?
 - Q. Yes.
- A. I really don't want to go on record
 saying "I don't know," but rough estimate in the 6 to
 million dollar range.

Okay. That 6 to 8 million dollars is 1 Q. 2 recovered from all utility and CRES supplier -- all utilities and CRES suppliers pay an assessment that 3 is used to fund OCC's operations at least in part, 4 5 correct? MR. MICHAEL: Objection, relevance. 6 7 EXAMINER SEE: Did you want to respond, Mr. Whitt? 8 9 MR. WHITT: Well, I'm following up and 10 exploring the customer -- or the witness's testimony 11 that customers shouldn't have to pay for things that 12 don't benefit them. 13 MR. MICHAEL: We were here talking about 14 supply consolidated billing, not the OCC's budget. 15 MR. WHITT: We're talking about a more 16 general principle of what is recovered in rates. 17 MR. MICHAEL: We are created by statute, 18 as your Honor well knows. This is what it is. This 19 is a proposal and a stipulation, so I don't think 20 it's relevant. 2.1 EXAMINER SEE: And the objection is 2.2 sustained. 23 (By Mr. Whitt) OCC's services are Ο. 24 available to all residential utility customers in Ohio, correct? 25

466 MR. MICHAEL: Objection, relevance. 1 2 EXAMINER SEE: Sustained. 3 (By Mr. Whitt) Residential utility Q. consumers pay utility rates that reflect the cost of 4 5 the OCC assessment regardless of whether those 6 consumers ever seek the assistance of OCC, correct? 7 MR. MICHAEL: Objection, relevance. 8 are created by statute. Our obligations are defined 9 in statutes. 10 MR. WHITT: My point is the witness is 11 saying that 30 -- you know, with a 30 to 40 percent 12 shopping rate, it's not fair for the nonshopping 13 customers to pay for something that only benefits 30 to 40 percent of the customer base. And I think it's 14 a fair comparison. 15 16 EXAMINER SEE: The objection is 17 sustained. Move on, Mr. Whitt. 18 MR. WHITT: That's all I have. Thank 19 you. 20 EXAMINER SEE: Ms. Fleisher. 2.1 MS. FLEISHER: No questions, your Honor. 2.2 EXAMINER SEE: Mr. Borchers. 23 MR. BORCHERS: No questions, your Honor. 24 EXAMINER SEE: Ms. Petrucci.

MS. PETRUCCI: No questions.

467 1 EXAMINER SEE: Mr. Oliker. MR. OLIKER: Thank you, your Honor. 2 3 4 CROSS-EXAMINATION 5 By Mr. Oliker: 6 Good afternoon, Mr. Haugh. Q. 7 Α. Good afternoon. 8 Are you going strong? Do you need a Q. 9 break? Ready to continue? 10 Α. I'm feeling good. 11 Ο. All right. I wanted to make sure. Just 12 a few questions for you this afternoon. 13 First, following up on the questions about the "Enroll From Your Wallet," you are a 14 15 residential customer, correct? 16 Α. For AEP Ohio? AEP or -- that's a good place to start. 17 Q. 18 For AEP; is that correct? 19 Α. Yes. 20 Q. You do not know your SDI number, do you? 2.1 MR. MICHAEL: Objection, relevance. He's 22 testifying here as an expert, and what he knows or doesn't know in his personal capacity is not 23 24 relevant. 25 EXAMINER SEE: Overruled. You can answer

- the question, Mr. Haugh.
 - A. Off the top of my head, no.
- Q. But you do know the -- you don't have to say it, but you do know your Social Security number, correct?
- A. Yes.

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- Q. Okay. Regarding the price to compare, would you agree it's a historical number?
 - A. Not necessarily.
- Q. Are you aware of how the price to compare is calculated each month, Mr. Haugh?
- 12 A. Yes, roughly. I don't know the exact formula.
 - Q. But you would agree it's based upon the historical SSO rate and the customer's usage?
- A. It's based on the current month's SSO rate plus certain nonbypassable riders.
- Q. Right. Would you agree it's based upon kilowatt-hours that have already been utilized by the customer?
- A. Oh, yes, yes. The whole bill in theory

 -- going off that, the whole bill is, in fact,

 historical.
- Q. Great. Glad we locked that down.

 Now, the SSO rate in AEP is proposed to

be a straight-up cents per kWh rate, correct, on the Standard Service Offer?

A. Which rate? I'm sorry.

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- O. The residential customer rate.
- A. Distribution, transmission, SSO, all which -- there's a number of different rates, that's the only reason I am asking.
- Q. Thank you for that clarification.

 The bypassable SSO rate is a straightforward cents per kWh rate, correct?
- A. I am hesitating only because I can't remember if the AEP rate is tiered which would not be as straightforward. It would be X amount at 750 kW and another amount above that and I can't remember the exact pricing structure for AEP off the top of my head right now.
- Q. Okay. Would you agree that a customer does not have an individualized capacity rate if they are residential?
- A. Residential, no.
- Q. Would you agree that AEP has commenced the rollout of smart meters?
- A. They have, yes.
- Q. And within the term of this electric security plan, there is the potential that a customer

could get an individualized capacity product from a CRES supplier?

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- A. I know there is a section about exploring the opportunities of individual capacity for customers. I know one thing, there has been a lot of difficulty of getting data to provide individualized pricing for customers.
- Q. To be clear, those -- those problems have not been germane to AEP Ohio's service territory; you are referring to Duke, correct?
- A. I think all the utilities have had issues with that; providing the information.
- Q. And do you personally know whether AEP has indicated it cannot provide individualized capacity tags to suppliers within the duration of the ESP?
 - A. I don't know.
- Q. Assuming that a competitive supplier can provide a product to a customer using an individualized capacity tag, would you agree that that product would not be comparable to the SSO otherwise applicable rate?
- A. I -- I don't know. There's a lot of variables in there.
- Q. So you would agree that looking at price

to compare may or may not give you an accurate understanding of whether or not you would do better on the SSO?

- A. I don't know.
- Q. Okay. And since we're talking about the SSO, you testified regarding the CIR, correct?
 - A. Yes.

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- Q. Your testimony does not offer any level of a CIR that is different than what is contained in the stipulation, correct?
- A. My testimony says it should be zero until a rate case.
 - Q. And you have not undertaken any evaluation of AEP Ohio's existing distribution rates to recommend a number different than zero; is that correct?
 - A. My testimony states that the rate case is where they should be determined. I didn't give any type of value other than zero.
 - Q. Okay. And you agree that the Standard Service Offer established by the Commission should comport with state policy, correct?
 - A. Can you point to where I said that?
 - Q. I am just asking your opinion, Mr. Haugh.
 - A. What particular state policy?

- Q. Are there portions of the state policy you agree with or disagree with?
- A. I would have to address them -- state policies I will -- I can address them -- I can't address a sweeping of all state policies.
- Q. Okay. Would you agree -- do you understand that when I refer to state policy that I'm talking about 4928.02 passed by the General Assembly?
- A. Now that you state that, that's a little bit more clear.
 - Q. Are you familiar with that statute?
- A. Generally. I could not -- I cannot recite it here or actually remember much of any of it --
- 15 Q. Okay.

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- A. -- off the top of my head.
- Q. Would you agree that if there are costs
 that relate to default service, they should be
 allocated to that service?
- A. I think all costs should be properly allocated.
- Q. So the answer is yes?
- A. The answer is that all costs should be properly allocated.
- MR. OLIKER: Your Honor, could the

- witness be directed to answer my question? I don't
 believe that answer was responsive so I would move to
- 3 strike.
- EXAMINER SEE: The motion to strike the answer is denied. You can try again, Mr. Oliker, if you wish.
- 7 MR. OLIKER: May I approach the witness, 8 your Honor?
- 9 EXAMINER SEE: Yes.
- Q. (By Mr. Oliker) Mr. Haugh, you've testified in PUCO proceedings before, correct?
- 12 A. Yes.
- Q. And one of the cases that you testified in was Case No. 14-1693?
- 15 A. I did, yes.
- Q. And that was a proceeding related to Ohio
 Power Company, correct?
- 18 A. Yes. Well, AEP Ohio.
- Q. And in that case there was the initial recommendation to the Commission to establish a CIR,
- A. I don't know if it was to establish a CIR or to begin studying a CIR.
- Q. Okay. Could you turn to page 5404 in what is marked as Ohio Power Volume XXI. And we

474 don't need to mark this as an exhibit. It's just a 1 2 transcript. 3 I'm there. Α. And line 20, you were asked the 4 0. 5 question -- First, would you agree this transcript 6 was your cross-examination? Just take a moment to 7 look --I am trying to find where it starts 8 with -- where it's -- it looks --9 10 Look on page 5399. Q. 11 Α. Okay. 12 On line 25 maybe. Q. 13 Α. Yeah. I can work off the assumption that this is mine. It looks -- either that or someone who 14 15 has a very similar background to mine. 16 Q. Okay. Thank you. 17 Now turning to page 5404. 18 Α. Okay. 19 On line 20, you were asked the question: Ο. 20 "And you would agree if they are 2.1 default -- if there are costs related to default 22 service, they should be allocated to default service? 23 "Answer: I'm sorry. Could you repeat 24 the question or have it reread? 25 "(Record read.)

475 "Answer: By default service you mean SSO 1 2 customers? 3 "Ouestion: Yes. "Answer: Yes." 4 5 Did I read that correctly? 6 A. That is correct. 7 Okay. Thank you. Q. 8 And you would agree that shopping customers should not pay for costs that relate to 9 default service? 10 11 Correct. And default customers shouldn't Α. 12 have to pay charges for -- that are incurred for marketers or for Choice customers. 13 14 And if we were to look on that same 0. 15 transcript, you were asked that same question on 16 line 5, page 5405. 17 "Question: And you would agree that 18 shopping customers should not pay for costs that relate to default service customers? 19 20 "Answer: Yes." 2.1 Did I read that correctly? 22 MR. MICHAEL: Objection, improper 23 impeachment. He testified consistently just now with 24 what he said here. 25 MR. OLIKER: And without the additional

response.

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MR. MICHAEL: That doesn't make it useful for impeachment purposes. The answers are consistent.

MR. OLIKER: Another way, your Honor, I could move to strike and he could save the rest of the response for his redirect.

MR. MICHAEL: Which would be denied because the attorney examiners have given witnesses the opportunity to explain their answers throughout the course of this hearing. That's exactly what Mr. Haugh did.

EXAMINER SEE: Mr. Oliker, are you asking to strike a portion of Mr. Haugh's testimony?

MR. OLIKER: No. I'm moving to strike his response where he says, "And default service customers should not have to pay charges for," which was nonresponsive to my question. It was a compound answer to a different question.

EXAMINER SEE: I'm going to allow Mr. Haugh's answer to stand as it was stated.

Q. (By Mr. Oliker) Mr. Haugh, you would agree that if shopping customers in retail energy markets are required to pay for costs related to default service customers, that can have a negative

effect on the market.

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- A. As I've stated before, I think all costs need to be properly allocated to the cost causer, and the best way to find -- the best way to discover the cost allocations is through a distribution rate case.
- Q. And do you agree that if we were to wait for a distribution rate case to analyze default service related costs, that could require shopping customers to pay for costs twice for several years?
- A. I think we don't know if anyone is being improperly charged, so that -- I can't say that customers are being charged twice necessarily.
- Q. And you don't disagree that what I stated is true possibly?
 - A. I'm sorry, what did you state? Could you repeat that?
 - Q. Do you know what year AEP's proposed distribution rate case is scheduled to be filed?
 - A. I'm not sure if they are required to file it. The stipulation says by 2020.
 - Q. Would you agree that AEP Ohio collects the OCC assessment cost through its base distribution rates?
- A. I believe that is a line item on the -in the base distribution rate -- rates, yes.

Q. Would you agree that IGS Energy does not have a rider to collect those costs?

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- A. I've never received a bill from IGS nor have I seen one, so I don't know.
- Q. Would you agree that IGS Energy pays the OCC assessment?
- A. I know they're charged an assessment. I do not -- I am not part of the collection.
- 9 Q. So would you agree that if your
 10 recommendation is accepted, for the next four years
 11 AEP will continue to collect the OCC assessment
 12 through base distribution rates, while IGS Energy
 13 will continue to have to pay it out of its own
 14 pocket?

MR. MICHAEL: Objection, relevance. Same line of questioning as Mr. Whitt.

MR. OLIKER: Your Honor, it's a completely different line of questioning. It goes to the fact of default service being straightforwardly subsidized while IGS has to bear a cost out of its own pocket. And to be clear, I have no intention of going down the road Mr. Whitt was going down which was quite different.

MR. MICHAEL: You've already been there. We're an agency created by statute with

statutorily-defined responsibilities and statutorily-defined methods of collection. This is a proposal in a stipulation. It's irrelevant.

MR. OLIKER: And that statute does not say that IGS has to bear the cost of the OCC assessment through its competitive rates, while AEP gets to collect it through distribution rates. That is a level of detail the statute did not go into.

EXAMINER SEE: The objection is sustained. Move on, Mr. Oliker.

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MR. OLIKER: Your Honor, just so I'm clear, which portion of the objection is sustained regarding the OCC assessment? Can we talk about the PUCO assessment then? Is that a lighter subject, so we're okay?

EXAMINER SEE: Mr. Oliker, do you have a question for this witness?

MR. OLIKER: I do, thank you.

- Q. (By Mr. Oliker) Mr. Haugh, would you agree the PUCO assessment is a separate assessment to retail suppliers and utilities?
- A. I believe the PUCO assessment is charged to suppliers, utilities, and -- there are others that are being charged that -- that are being assessed that.

Q. Okay. And it's based upon receipts, correct? Total revenue?

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- A. Not positive of the exact -- how the charge is calculated.
 - Q. So the answer is you don't know?
- A. Not -- no, I'm not -- I don't know the exact way that it's calculated.
- Q. And so I'm clear, do you know how the OCC assessment is calculated?
- 10 A. Not -- I don't know the exact formula. I
 11 don't send out the bills.
- Q. Do you or do you not know whether or not default service revenue contributes to the PUCO assessment to a utility?
- MR. MICHAEL: Objection, relevance.
- 16 Switching agencies doesn't solve the problem.
- MR. OLIKER: Your Honor, we've already
- 18 established it's collected in distribution rates.
- 19 Now we're drawing the nexus whether there is cost
- 20 causation to default service.
- 21 EXAMINER SEE: The objection is
- 22 sustained. Move on, Mr. Oliker.
- MR. OLIKER: Then I will proffer, your
- 24 Honor, for purposes of the cross-examination, that
- 25 the witness would have responded if he had known that

- default service contributes to the OCC and PUCO assessments.
 - Q. (By Mr. Oliker) Mr. Haugh, you're familiar with the concept of comparability for purposes of establishing rates, correct?
 - A. Roughly, yes.
 - Q. And the concept of comparability means that retail electric products should consist of similar cost components.
 - A. Was that a question?
- 11 Q. Yes.

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- A. I would think -- I guess that is a possible way to use comparability.
 - Q. Do you agree that is one possible way?
- 15 A. It's possible.
- Q. And you have testified to that effect before, correct?
 - A. I'm not sure if I have specifically testified to that. If you could point it out.
- Q. If you could turn to page 5407 of the transcript we previously marked. Actually let's start with --
- 23 EXAMINER SEE: First, let's be clear.
- 24 This portion of the transcript has not been marked.
- MR. OLIKER: No, it has not been marked,

your Honor. Previously identified.

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Q. Actually let's start on 5406 and on line 25.

"Question: And what does 'comparable retail electric service' mean to you?

"Answer: I would -- that it's similar to what one would receive in a bundled situation.

"Question: So would you agree that the idea is to have retail electric products consisting of similar cost components?

"Answer: Yes."

Did I read that correctly, Mr. Haugh?

- A. Yes.
- Q. And in your experience in the retail energy space, you've worked for several companies, correct, Mr. Haugh?
 - A. Yes.
 - Q. And you've worn many hats, correct?
 - A. Had a lot of positions, yes.
- Q. And you would agree that in that experience you've learned that there are several different departments or services that are necessary to make a product available in the market?
- A. Not always. I worked for large and small shops. There has been some large shops that have

- large corporate parents with a lot of different departments that have the ability to use a lot of different resources; and some that are very small that use a very few -- very small number of employees.
 - Q. And you would agree that some retail providers incur millions of dollars to have a billing system?
 - A. A building system?
- Q. Billing system.

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- A. Billing, oh. I've never priced out a billing system, so I don't know how much one would cost.
- Q. And would you agree that a billing system could reach millions of dollars for a supplier?
- 16 A. I have no idea.
- MR. OLIKER: Your Honor, may I approach, please?
- 19 EXAMINER SEE: Yes.
- Q. Mr. Haugh, you testified in the Dayton
 Power & Light electric security plan case, did you
 not?
- A. The most recent one, yes.
- Q. And that was Case No. 16-395, correct?
- 25 A. Correct.

- Q. And does the transcript that has been placed in front of you reflect your memory of your cross-examination in that case?
- A. I haven't read through it, but it appears as though this is my cross-examination.
- Q. And on page 668, line 8, let me know if you're there.
 - A. I'm there.

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Q. There was the question:

"Now, in your work for retail suppliers, would you agree that you learned that retail suppliers spend potentially millions of dollars to maintain their billing systems?

"Answer: Depending on the size, it could reach millions of dollars.

Did I read that correctly?

- A. Yeah, but I -- I'm not sure what the context was there, but I've never priced one out specifically. I guess anything could happen.

 Anything could price at anything depending on how it's negotiated.
- Q. And would you agree that a supplier's billing system is necessary simply to interact with the utility's consolidated billing system or EDI?
 - A. A billing system for what?

- Q. Would you agree that a supplier's billing system or IT system is necessary simply to interact with the utility?
- A. There has to be an interaction between the marketer and the utility, yes.
- Q. And would you agree that if the supplier consolidated billing system moves forward, you don't know whether that would require suppliers to incur additional costs?
 - A. I have no idea.

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- Q. Mr. Haugh, are you familiar with any of the fees that suppliers pay to AEP Ohio?
 - A. I know there's an initial \$100 fee to basically say -- to start the application process.

 There is a \$1 million fee. Other than that, I'm not sure.
 - Q. Are you familiar with the switching fee?
- A. I know there's a switching fee, but I do
 not believe it's being charged to suppliers right
 now.
- Q. Have you reviewed AEP's tariffs recently,

 Mr. Haugh?
 - A. Which specific part of the tariff?
- Q. The portion that has the \$5 switching fee assessable to suppliers or customers.

- A. Yes. There is -- it is in the tariffs, but it's not being charged. Tariffs aren't -- don't necessarily mean it's up to the company to charge that.
- Q. What is the basis for your knowledge,
 Mr. Haugh?
- 7 A. That -- when I was -- my most recent -8 my most recent position with Just Energy, I believe
 9 that was -- we were not being charged for the \$5
 10 switch.
- 11 Q. And what year was that?
- 12 A. 2014 would be when I left.
- Q. And would you agree that under AEP's tariffs, customers are not charged to revert back to default service?
- 16 A. I don't know that.
- Q. So the answer is you don't know?
- A. I don't know. Correct, I do not know.
- Q. But the tariff would speak for itself, correct?
- 21 A. It would.
- MR. OLIKER: Okay. Thank you.
- Those are all the questions I have, your
- 24 Honor.

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25 EXAMINER SEE: Mr. Boehm.

487 1 MR. BOEHM: No questions, your Honor. 2 EXAMINER SEE: Mr. Pritchard. 3 MR. PRITCHARD: Yes, thank you, your Honor. 4 5 6 CROSS-EXAMINATION 7 By Mr. Pritchard: 8 Ο. Good afternoon, Mr. Haugh. Good afternoon. 9 Α. 10 One of the portions of the stipulation Q. 11 you address in your testimony is the Basic 12 Transmission Costs Rider Pilot, correct? 13 Α. Correct. 14 And one of your -- broadly speaking, one Ο. 15 of the criticisms you take with the BTCR Pilot is that it could shift costs to residential customers, 16 17 correct? 18 Α. Correct. 19 And another criticism you state of the Ο. 20 pilot program is pilot participants will not 2.1 necessarily have to undertake much efforts to curtail 2.2 load during a transmission peak, correct?

> Α. Some -- some would not.

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24 Turning to the cost allocations. This is Ο. 25 not the first proceeding where a pilot program for

AEP Ohio's BTCR has been addressed, correct?

- A. Correct. I'm trying to remember what the other proceeding was, but I'm sure you'll let me know.
- Q. A version of the BTCR Pilot was addressed as part of the Global Settlement earlier this year, correct?
- A. That being the -- one of the -- 10-2929, a previous ESP, and a lot of other cases involved in that.
- 11 Q. Yes, those are the case numbers I'm
 12 referring to.
- A. I just wanted to make sure it was clear for the record.
 - Q. That proceeding, it's your recollection, it did address the BTCR Pilot program, correct?
- 17 A. It did.

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- Q. And the PUCO issued an order on February
 23rd of this year, approving the stipulation in those
 cases, correct?
- A. I believe it was this year. I can't remember the exact date, but yes, the PUCO approved it.
- Q. Will you accept, subject to check, it was February 23, 2017?

- A. I don't like doing "subject to check" but I -- if it has been approved, we can agree on that.
- Q. Okay. And you would agree it was earlier this year, correct?
 - A. I'm not sure exactly the date. We can --
 - Q. Fair enough. But within the last year.
 - A. That sounds right, yes.
- Q. Okay. And OCC participated in that proceeding and you offered testimony in that proceeding, correct?
- 11 A. I did.

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- Q. So you have some general understanding of the BTCR Pilot program, correct?
- 14 A. I do.
 - Q. And you are also aware that AEP Ohio updates its BTCR Rider annually, correct?
- A. I believe it's annually. There's quite a few riders. I get them mixed up when they're updated, but.
 - Q. Would you --
 - A. At a minimum it's updated annually.
- Q. Would you agree, subject to check, that
 AEP Ohio's annual application to adjust its BTCR was
 last filed on June 15, 2017, in Case No. 17-1461?
- 25 A. I can agree that it was -- that it was

filed in June of this year. I do remember that.

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- Q. Would you accept my representation that the Case No. was 17-1461?
 - A. I don't have any reason to doubt you.
- Q. And would you also agree that the rider was updated -- the application to update its rider occurred after the Commission had approved what I referred to as the Global Settlement?
- A. Given the dates that the Global Settlement was approved, either late last year or this year, and that was filed in June, then the BTC -- the BTCR filing was later, yes.
- Q. And did you review this application for purposes of your critique of the BTCR in this proceeding?
- A. I did not review the transmission -- the BTCR filing from June.
- Q. Would you agree -- have you reviewed prior applications from AEP Ohio to update either its BTCR or what was previously the GCRR?
- A. I'm sure I have. I can't remember exact case numbers or years when I did that.
- Q. And is it your understanding that in the annual transmission rider applications, AEP Ohio identifies a revenue requirement for the following

year for the rider?

2.1

- A. You're getting a little bit into the specifics. I'm not -- I'm not positive of the -- what all is entailed in the BTCR or any transmission rider.
- Q. So just to be clear, you're not aware of whether or not the transmission rider applications specify a revenue requirement for the rider?
 - A. I can't remember off the top of my head.
- Q. And are you aware of whether the most recent BTCR application identifies how AEP Ohio will assign its revenue requirement to the specific rate classes?
- A. No. I don't remember that or I don't recall that.

MR. PRITCHARD: Your Honor, at this time I would request that the Bench take administrative notice of AEP Ohio's BTCR application in Case 17-1461 and specifically Schedule C-3, 1 of 2; Schedule C-3, 2 of 2; and Workpaper Schedule C-3, page 2 of 2.

And the basis for the request for administrative notice is the witness is critiquing how the costs of the transmission pilot may or may not affect residential customers, and he has stated on the record that he has no idea of how the

transmission costs are allocated.

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So in lieu of moving to strike his testimony, I would just ask the Bench take administrative notice of these pages of AEP Ohio's filed application which identifies the revenue requirement and allocation methodology. And if it would assist your Honors, I have brought copies of the pages that I am requesting be taken administrative notice of.

MR. NOURSE: Your Honor, the company doesn't object to the request for administrative notice, but we would suggest the entire application be noticed and not just select pages. I don't think it's voluminous.

MR. PRITCHARD: I have no objection to Mr. Nourse's request.

MR. MICHAEL: Your Honor, we would object because it's my recollection that in connection with administrative notice, the party against whom, in this case OCC, there is a request to take administrative notice of a document, it has to have prior notice and an opportunity to explain itself and/or its position. And because we are just being made aware of it now, it would be inappropriate to take administrative notice.

1 MR. PRITCHARD: I have the judicial 2 notice rule in front of me; Rule 201. Mr. Michael is correct that it provides an opportunity to be heard, 3 but I believe this would be the opportunity. His 4 5 witness took the stand and has testified about cost 6 allocations. I was working from the assumption that 7 he had reviewed the rider addressing the cost allocations. 8 9 MR. MICHAEL: I don't want to speak for 10 the witness, but I think he's addressing what's in 11 this proposal, and you are asking him about prior 12 information and I think his testimony was he didn't 13 recall. I don't want to put words in his mouth, but 14 that's my recollection of his testimony. 15 EXAMINER SEE: Mr. Pritchard, you said 16 you have copies --17 MR. PRITCHARD: I have copies of the 18 specific schedules that I had requested be taken administrative notice. I also have --19 20 EXAMINER SEE: Do you have a copy of the 2.1 entire --2.2 MR. PRITCHARD: I have one copy of the 23 entire application. 24 EXAMINER SEE: Could you provide it to 25 counsel for OCC?

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                 MR. MICHAEL: May we take a brief --
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                 EXAMINER SEE: Let's go off the record
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     for a second.
                 (Discussion off the record.)
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                 EXAMINER SEE: Let's go back on the
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     record.
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                 How much more cross-examination do you
     have for this witness, Mr. Pritchard?
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                 MR. PRITCHARD: I would estimate 20 to 30
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    minutes, your Honor.
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                 EXAMINER SEE: I tell you what, we are
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     going to take a break at this point to give OCC an
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     opportunity to review the documents that you've
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     requested be taken administrative notice of, and
     we'll resume at -- at 2 o'clock. Let's go off the
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     record.
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                 (Discussion off the record.)
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                 (Thereupon, at 12:51 p.m., a lunch recess
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     was taken.)
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495 1 Monday Afternoon Session, 2 November 6, 2017. 3 4 EXAMINER SEE: Let's go back on the 5 record. Mr. Michael. 6 7 MR. MICHAEL: Yes, your Honor. 8 EXAMINER SEE: Have you had an 9 opportunity to look over the BTCR application? 10 MR. MICHAEL: Yes, your Honor, I did. 11 And in consultation with counsel for IEU, the way we 12 would propose proceeding, if it would be acceptable 13 to your Honor, he would ask questions of the witness and, if necessary, based on that questioning, then 14 15 ask for the taking of administrative notice which we 16 will not object to if he is forced to go that route. 17 MR. PRITCHARD: That was my understanding 18 with respect to the other documents. I mentioned off 19 the record with respect to this specific document, I 20 already asked the witness if he was familiar with it 2.1 and he answered he was not. 22 MR. MICHAEL: And we don't object to 23 taking administrative notice of that document. 24 EXAMINER SEE: Okay. 25 MR. PRITCHARD: And pursuant to

Mr. Nourse's request, I would move for notice of the entire application in Case 17-1461.

EXAMINER SEE: Okay. Administrative notice is taken of the application.

Go ahead.

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MR. PRITCHARD: Thank you, your Honor.

- Q. (By Mr. Pritchard) Mr. Haugh, I would like to run through a hypothetical with you. If AEP Ohio's transmission BTCR rider allocated demand costs on the basis of a customer class's single zonal coincident peak, can you -- are you there with me? That's one of the several assumptions.
- A. So it's -- it's allocated by customer class; 1CP by customer class.
 - Q. Yes. Next, assume that the residential customer class's 1CP in the aggregate is 41 percent of the AEP Ohio total, okay?
 - A. 40 percent, you said.
 - Q. 41 percent.
 - A. 41 percent, okay.
 - Q. Whether a -- next, assume that a customer that is going to participate in the BTCR Pilot should the Commission approve it in this proceeding is served under the GS subtransmission/transmission rate schedule, okay?

If that customer, the GS subtransmission customer, left the GS subtransmission rate schedule and began taking service under the BTCR Pilot, you would agree with me that the cost would then be allocated to the BTCR Pilot rate schedule instead of the GS subtransmission rate schedule under this hypothetical?

- A. When you say "BTCR" you mean BTCR Pilot?
- Q. Thank you, yes.

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A. It gets a little -- it's not that clean unfortunately. It's -- because everything is billed based on the previous years -- sorry, I am thinking through this out loud.

I don't think it's that clean that it can just be removed, all costs, for a -- that all costs can just be removed from a BTCR customer when they move from the regular BTCR over to the pilot, just due to PJM having a variety of fixed charges and other costs that are included in the total bill sent to AEP Ohio or AEP corporate, I guess, in this instance.

Q. You would agree with me that under my hypothetical, whether a customer participated in the BTCR Pilot or did not, that it would not increase or decrease the residential rate class aggregate 1CP,

correct?

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- A. Once again, I'm not -- I don't know the exact costs that are included in the transmission because AEP is a -- not just taking AEP Ohio. I believe they are billed by PJM as a total -- total company, so all AEP affiliates within PJM. And like I said, I'm not sure if it's that clean that you can break it up by class and then remove them, and if there is a shortage of costs as a result of one customer being removed from the BTCR and moved to the pilot, if that does not leave some costs unaccounted for.
- Q. Leaving aside, under my hypothetical, the cost side of the equation, the billing determinant side, the 1CP, you would agree with me just sticking to the billing determinant side that whether a transmission voltage customer decided to participate in the BTCR Pilot or not, that would not increase or decrease the aggregate 1CP billing determinant for the residential class, correct?
- A. Sure. You're also taking an extra assumption because I don't believe cust -- I believe residential customers, I think actually all customers not on this pilot are billed on a 12CP which would -- I'm going -- I'm not sure.

Q. Fair enough.

2.1

- A. There's a lot -- there's a lot of variables in there that I can't necessarily compute all at this time.
- Q. Fair enough. I'll move on to another topic.

You also, as we discussed at the beginning of my cross-examination, that a second criticism of yours of the BTCR Pilot was, in my characterization, that some customers would not have to undertake much effort to curtail load during AEP Ohio's 1CP, correct?

- A. Yes.
- Q. And specifically your criticism is based on your testimony that the AEP Ohio 1CP traditionally occurs in the summer, correct?
 - A. Yes.
- Q. And if I refer to the 1CP as "network service peak load" or "NSPL," do you understand those to be the same terminology in this context?
- A. I prefer "1CP" but I can -- I can try to adjust my thought process.
- Q. Okay. You would agree with me that those are different acronyms in the transmission context that mean the same thing, correct?

- A. Yeah. I've always used "1CP."
- Q. But you understand that "1CP" in this context is an equivalent label as "NSPL"?
 - A. Sure, yes.

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Q. Thank you.

And you understand that the 1CP for AEP Ohio's transmission is calculated by transmission zone, correct?

- A. Yes.
- Q. And the AEP Ohio 1CP is calculated as the highest hour of demand on the AEP zonal transmission system between the previous November 1 and the following October 31 of each year, correct?
 - A. Yes.
- Q. And you would agree with me, subject to check, that AEP Ohio's highest zonal transmission peak for purposes of establishing the 2018 1CP, occurred on July 19, 2017, at hour ending 5 p.m., correct?
- A. And it was the 19th. I would have to double-check the exact hour of that.
- Q. Would you accept, subject to check, that it was 5 p.m., hour ending 5 p.m.?
 - A. That's fine, yes.
- 25 Q. And would you agree with me that the

- 1 load, hour ending 5 p.m. on July 19, 2017, was 21,660
 2 megawatts?
 - A. I have no idea what that would be. I don't know the exact load at that point.
 - Q. Would you agree with me the second highest load for 2017 occurred at January 9, 2017, at 8:00 a.m., and registered 21,613 megawatts?
 - A. What was the date?

- Q. January 9, 2017. Hour ending 8:00 a.m.
- A. No, I didn't know that. I had a different date. I thought it was -- I thought it was July 17 was the second.
- MR. PRITCHARD: Your Honor, I would move for administrative notice of AEP Ohio's first and second highest peaks of this calender -- of 2017, the information is readily available on PJM's website, and it directly goes to Mr. Haugh's testimony on whether the 1CP is usually in the summer.
- EXAMINER SEE: And I recognize that Mr. Michael has indicated he didn't object.
- MR. MICHAEL: That's correct, your Honor.
 - MR. PRITCHARD: And the -- if you would like me to read it again, I can, but the two demands that I would like noticed were in my prior two questions, but if you would like me to read the

information I would like noticed and also the source location on PJM's website, I would be happy to.

EXAMINER SEE: Please do.

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MR. PRITCHARD: Thank you.

The highest demand in 2017 was July 19, 2017, hour ending 17:00, at a demand of 21,660. And the second highest demand was July 9, 2017, hour ending 8:00 a.m., at a demand of 21,613.

MR. NOURSE: I'm sorry. Could the reporter read that question back?

EXAMINER SEE: Mr. Nourse, are you talking about what Mr. Pritchard just --

MR. NOURSE: Yeah, I guess it wasn't a question, but in his statement, I think there was an inadvertent error.

EXAMINER SEE: Could you read the dates again, Mr. Pritchard?

MR. PRITCHARD: The first date was July 19, 2017, at hour ending 5 p.m. And the second date was July 9, 2017, at hour ending 8:00 a.m.

EXAMINER SEE: Thank you.

MR. PRITCHARD: And the source location of this information is PJM's website at PJM.com, under the tab "Markets & Operations," under the further tab "Energy Market," under the further tab

"Hourly Load: Metered," and the document is titled
"2017-hourly-load.xls." And the specific information
I referenced was on tab "AEP" of this document in
column labeled "AD."

EXAMINER SEE: Go ahead.

- Q. (By Mr. Pritchard) Mr. Haugh, would you agree with me, subject to check, since 2009, the AEP transmission system has peaked in the winter about half the time, correct?
 - A. That the 1CP has?

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- Q. Yes, that the 1CP has occurred in the winter months about half the time, specifically four of the last nine years.
 - A. I can't confirm that.

MR. PRITCHARD: Your Honor, I would move to take administrative notice of three documents on PJM's website that establish the 2017 NSPL -- actually, two further documents. One document is for the 2017 value and the second PDF is the 2009 to 2016 NSPLs which is the 1CP.

EXAMINER SEE: And it's my understanding Mr. Michael has not objected?

MR. MICHAEL: That's correct, your Honor.

EXAMINER SEE: Okay.

MR. PRITCHARD: With that, I'll read in

the years and whether it was a winter or summer month, and then I will follow-up with the location of the information.

EXAMINER SEE: Okay.

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MR. PRITCHARD: 2009, winter; 2010, winter; 2011, summer; 2012, summer; 2013, summer; 2014, summer; 2015, winter; 2016, winter; 2017, summer.

And the location of that information on PJM's website is PJM.com, the tab "Markets & Operations," the tab "Billing, Settlements & Credit," under the heading "Network Service Peak Loads." And one document is titled "2017" and the other document is titled "2009-2016."

MR. NOURSE: I'm sorry. Mr. Pritchard, would you mind reading 2014 again, just to make sure I had it.

MR. PRITCHARD: 2014, summer.

And these years were -- the information I read was the NSPL for that year which was determined by the prior year. So, for example, the 2014 1CP was set in 2013, is the way these documents are titled.

MR. NOURSE: Thank you.

Q. (By Mr. Pritchard) With that, Mr. Haugh,
I would like to turn your attention to the IRP-D

Rider that you address in your testimony.

You are aware that the stipulation addresses a provision of the IRP called the "IRP Expanded Service Rider," correct?

A. Yes.

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- Q. And one of your concerns is whether participating -- customers participating in the programming will be required to actually interrupt their service, correct?
 - A. Yes.
- Q. The IRP Expanded Service Tariff is included in the -- as an attachment to the stipulation, correct?
 - A. Yes.
 - Q. And that tariff provides that customers participating in the IRP Expanded Service Tariff program are required to interrupt when AEP Ohio provides an interruption notice to the customer, correct?
 - A. That's correct, yes.
- Q. And that interruption notice can be the result of either a local emergency called by AEP Ohio or an event called by PJM, correct?
 - A. Yes.
- 25 Q. And the tariff attached to the

stipulation provides for notice of up to 30 minutes, correct?

- A. That's correct, yes.
- Q. And you're aware that under PJM's market rules, demand response resources participating in the PJM capacity market can request a notification time up to 120 minutes, correct?
- A. I think that's right. That's subject to check, I can accept that.
- Q. And under the IRP Expanded Service

 Tariff, the load subject to interruption is

 calculated as the difference between customer's

 monthly billing demand and the contracted-for firm

 service level, correct?
 - A. You said the IRP tariff, correct?
- 16 Q. Yes.

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- 17 A. Okay. Yes.
- Q. And the load subject to participation in
 PJM's capacity market is calculated as the difference
 between a customer's peak load contribution or PLC,
 and the specified firm load that they bid into the
 auction, correct?
 - A. Correct.
- Q. And a customer that materially fails to interrupt service under the IRP Expanded Service

Tariff, two or more times in a 12-month period, can be removed from the tariff, correct?

- A. That's one of the possible actions if they do miss twice.
- Q. A demand response resource that clears in PJM's RPM capacity auction faces a different nonperformance penalty, correct?
 - A. Yes. It's monetary.

2.1

- Q. And you would agree with me, under the IRP Expanded Service Tariff there's also a monetary penalty for failure to comply under the IRP Expanded Service Tariff, correct?
- A. Under the first -- under the first nonperformance they would -- there is monetary -- possible monetary penalty.
- Q. And likewise if they failed a second time, there would be a second monetary penalty as well as the option to be removed from the tariff?
- A. I was just clarifying because we were talking about the second time you could be removed.

 I just wanted to clarify that under the first one there is a monetary penalty along with all subsequent.
- MR. PRITCHARD: I have no further questions, your Honor.

508 1 EXAMINER SEE: Mr. Margard. 2 MR. MARGARD: Thank you, your Honor. 3 Just very briefly. 4 5 CROSS-EXAMINATION 6 By Mr. Margard: 7 Mr. Haugh, you're testifying today as a Q. representative of OCC, correct? 8 9 Α. Yes. 10 And your testimony represents the Q. position of OCC, correct? 11 12 Α. Yes. 13 Q. Let me ask you to turn to page 4 of your testimony, Question No. 8. 14 15 Which question and answer? Α. 16 Q. Question and Answer No. 8. 17 Α. Okay. 18 Q. Do you have that? 19 Α. Yes. 20 Q. Now, the question asks whether the 2.1 settlement, as a package, benefits customers and the 22 public interest, correct? 23 Α. Yes. 24 And you understand that to be part of Ο. 25 what we call the traditional "three-part test" for

the consideration of stipulations.

A. Correct.

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- Q. And that's a correct statement of that prong of the test?
- A. Benefit customers and the public interest, yes.
 - Q. Very good.

Now, in your answer beginning on page -on line 19 of page 4, you indicate that "This prong
is intended to evaluate if all, or a majority of
customers, benefit from the Settlement..., correct?

- A. Yes.
- Q. All right. So, first of all, you understand this prong relates to the settlement as a package, the entirety of the settlement, correct?
- A. Yes.
- Q. Not to individual elements or aspects of the settlement?
- A. I think the individual elements have to be considered as being a positive or a negative to the overall package.
- Q. Is that OCC's position that the individual elements must be considered in addition to the package as a whole?
- 25 A. I'm trying -- I'm -- in this -- in this

instance, I can say that it is. I can't speak for every case that OCC has been a part of though.

2.1

- Q. You believe the test should be applied differently in different cases?
- A. I'm saying that in this case I'm sure of what I'm stating. I don't know what others have stated on behalf of the agency.
- Q. But it's your position that OCC's position in this case is that the test should be applied to individual elements of the stipulation and not the stipulation as a whole. I'm just trying to be clear on OCC's position.
- A. In this case it is saying that the package, as a whole, does not pass the test.
- Q. I see. And it's not applying it to the individual elements of the stipulation.
 - A. That's correct.
 - Q. Okay. Thank you.

You also indicate the intention of this part of the test as evaluating whether it benefits all or a majority of the customers. What's the basis of your understanding of that intent?

A. What I'm stating there is that in this -I'm basically stating that this particular settlement
has a lot of individual parties that are benefiting,

that are receiving benefit to the signatory parties and that those -- it should not be based on signatory parties getting individual benefits and then state that because these -- we have a -- we have these signatory parties that this is in the public interest.

2.1

Q. Well, I hope you understand why I'm asking you. You seem to indicate that the test needs to be applied to individual elements of the settlement and you also seem to be indicating that benefits need to enure to all of the ratepayers.

Now, is it OCC's position that all ratepayers must benefit with respect to each individual element of the stipulation? Is that what you're suggesting the test requires in this case?

- A. No. What I'm stating is that this particular settlement has a variety of signatory parties that are receiving benefits that are not benefiting the entire public.
 - Q. With respect to individual components.
- A. You have -- you have to take the individual components when you're judging the settlement as a whole.
- MR. MARGARD: That's all I have. Thank you, your Honor.

512 1 EXAMINER SEE: Mr. Nourse. 2 MR. NOURSE: Thank you, your Honor. 3 4 CROSS-EXAMINATION 5 By Mr. Nourse: 6 Good afternoon, Mr. Haugh. Q. 7 Α. Good afternoon. 8 Q. Last witness, last cross-examiner. Make 9 sure --10 Best for last on both sides. Α. 11 Ο. So I don't want to repeat any of the 12 prior questions, I'll try not to do that, but I do 13 have some related questions on the same topics. 14 Starting with what Mr. Margard was just 15 covering. So it is your testimony the main purpose of your testimony is to address what I'll call the 16 17 three-part test for a contested settlement, correct? 18 I would say both the three-part test and Α. 19 the MRO versus ESP. 20 Q. Thank you. I don't want to rank either of those. 2.1 22 Those are both important parts. 23 I was going to say that next, I Q. 24 apologize.

Okay. So the three-part test, just are

you -- is OCC contesting the serious bargaining component of the three-part test in this case?

- A. Meaning the first prong?
- Q. Yeah.

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- A. I did not address that.
- Q. Okay. And so, you don't have any basis to contest the first prong in your testimony?
 - A. I have no opinion on the first prong.
 - Q. Okay. Thank you.

And in the second prong -- well, sometimes they are numbered differently, so I'll say the "does the total package benefit the public interest" prong, which I'll refer to as the second prong. Is -- is my understanding correct that in your testimony you're challenging four provisions in the stipulation as individual provisions that you don't believe have value or benefit to ratepayers?

- A. Correct.
- Q. Okay. And then to -- to the third prong, the regulatory principles or purposes or practice, excuse me, you list three riders, three components of the stipulation, that you believe each individually violate regulatory principles; is that correct?
- A. I'm just counting them. I had to switch back to make sure our numbers are correct. Yes,

- three on the "important regulatory principle or practice" prong.
- Q. The CIR, the Supplier Consolidated Billing, and the Renewable Generation Rider?
 - A. Correct.

2.1

- Q. Okay. And if we look at -- if we look at the second component about total package and benefit, would you agree that an individual component of a stipulation may -- may or may not have benefit even where the total package does have a benefit?
- A. That one -- that one individual piece of a settlement?
 - Q. Right.
 - A. I suppose that's -- that's possible.
- Q. Okay. Whereas, under the third part of the test, if something violates a principle, then that would cause the third prong to be failed as an individual provision; is that correct?
- A. Yeah, if it's violating a regulatory practice or principle, then it should fail the test.
- Q. Okay. And that's unlike what you were saying earlier in discussing the test with Mr. Margard, if a particular provision fails the third prong of regulatory principles in one case, it would also fail it in another separate case, correct?

- A. I'm not an attorney, so I'm not sure of the exact standard of -- I'm assuming you are asking as a regulatory expert, not a legal?
- Q. Yeah. Just your understanding and as it relates to the purpose of your testimony. Under the third prong, is a particular provision okay in one case and not okay in another case?
- A. I'd have to see those particular situations to evaluate that. I don't want to make a blanket statement right now.
- Q. Okay. But you're saying, so by that answer, I gather you're saying it's possible for a provision to violate a regulatory principle in one case, but to not violate a regulatory principle in a separate case?
- A. I -- once again, I just said I would have to evaluate each on its own to see the -- to see -- to be able to say that.
- Q. Okay. At the bottom of page 3 in your testimony you refer to, I guess, an additional consideration for diverse interests; whether the stipulation represents diverse interests. Do you see that?
 - A. Yes.

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Q. All right. And you agree that that is

not part -- that factor of diverse interests is not part of the three-part test?

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- A. Correct. It's just -- as it's stated in the testimony, just the PUCO's considered that in the past.
- Q. So it's an additional consideration, but it's not part of the three-part test.
- A. Not part of the three-part test from the Supreme Court decision.
- Q. Okay. And is it OCC's position in this case that OCC would have been the only intervenor to represent the residential constituent interests?
- A. We're the only statute -- we are -- we are the only party that is -- that is statutorily responsible to represent residential customers.
- Q. Okay. But stated differently, would you agree that other signatory parties, other intervenors that were signatory parties, also represent residential customer constituent interests?
 - A. I can't speak for the other parties.
- Q. Well, I am not asking you to speak for them; I am asking your understanding. Let me try to give you more specific examples; see if that helps.

Do you -- do you agree that the Ohio

Partners for Affordable Energy represent residential

customer constituents?

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- A. No. I consider Ohio Partners for Affordable Energy a trade group that represents weatherization providers.
- Q. Do you know if the Commission has ever made a finding that conflicts with your statement?
 - A. I'm not sure.
- Q. Okay. How about the -- I'll ask you as a group. The intervenors that represent environmental interests, the ELPC, the OEC, the EDF, or Sierra Club; do those groups represent and have members that are residential customers of AEP Ohio?
 - A. I don't know.
 - O. Don't know?

How about the staff of the PUCO, is it your understanding that the staff looks out for residential customers along with all other customers?

- A. I know -- I know the staff's position is to represent all parties, or all customer classes.
- Q. Okay. If you could move to page 4 and 5, Question and Answer 8. So is it your position,

 Mr. Haugh, or OCC's position that the -- the four provisions that you're listing, page 5, lines 2 and 3, only benefit individual signatory parties and convey no benefits to other customers?

A. I would say that the cost for these programs would outweigh the benefits to all customers.

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- Q. And so you're saying there are benefits to other customers, but they're outweighed by costs.
- A. I can't necessarily say there's benefits. Any benefits that would be -- that there could be would definitely be outweighed by the costs involved in the program or programs.
- Q. Did you -- did you look at the total package of the stipulation or are you addressing that in your testimony or are you just addressing these four provisions that you don't believe have net benefits?
- A. In my testimony I'm only evaluating the programs that are listed in my testimony. There were other witnesses that opined on different other aspects of the stipulation.
- Q. And is it your position that none of these four provisions we're talking about advance the public interest either?
 - A. Correct.
- Q. Do you know whether the Commission has found any of these four items as being beneficial in other cases?

- A. Not off the top of my head, no.
- Q. Do you know whether OCC has supported any of these four items as part of a settlement in other proceedings?
 - A. I believe so.
- Q. Okay. Let me ask you to turn to page 5.

 I guess we're already there. I want to talk about
 the IRP-D rider. Now, is it your understanding that
 the IRP -- I'll just call it "the IRP" if that's
 okay.
- 11 A. That's fine.

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- Q. The IRP tariff was approved most recently in the ESP III decision?
 - A. I'm sorry. I get the numbers mixed up.

 We're still on III, right? Meaning currently we are

 under the -- this is the -- it was approved under the

 13 -- as my testimony states, 13-2385. I can't

 remember if that's II or III or --
 - Q. Right?
- A. -- we are on IV here or where exactly we are.
- 22 Q. I'm sorry. Are you finished?
- A. No, go ahead.
- Q. This is -- this is the ESP III extension case, I guess, is what I refer to it. So we are in

ESP III term, but there was already an ESP III decision by the Commission that extends the plan through May 2018; is that your recollection?

- A. Yes. Out of the -- as I said, out of the 13-2385 case.
- Q. Okay. That's correct. All right. And so that's what I really wanted to ask you about, the Opinion and Order in the 13-2385. Is it your recollection that the Commission found that the IRP program was beneficial in that case?
- A. You know, I know the Commission approved it in that case. I can't remember exactly how they -- their reasoning for approval of it.
- Q. Okay. Let me try to help refresh your recollection. I would like to show you an excerpt of the ESP III Opinion and Order. I don't want to mark this as an exhibit. You've got the table of contents as well as the Variable Price Tariff section of the Order in this excerpt. I'll give you a minute to look at that. And when you're ready, I would like you to look at page 40, the last paragraph in Section 5 there, and can you read the first sentence out loud?
- A. Sure.

2.1

25 "Finally, the Commission agrees with OEG

that the IRP-D offers numerous benefits, including the promotion of economic development and the retention of manufacturing jobs, and further state policy, which we recognized in the ESP 2 case."

- Q. So from that, Mr. Haugh, do you -- do you recall now that the Commission has found the IRP program to be beneficial in the last two ESP orders?
 - A. According to that sentence, yes.
- Q. And do you know if OCC challenged that on rehearing or appeal? That finding?
 - A. I do not know.

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- Q. Okay. Do you agree that the IRP furthers Ohio's effectiveness in the global economy and in furtherance of R.C. 4928.02(N)?
- A. I would have to see 4928.02(N) to be able to opine on that.
- Q. All right. Do you -- do you agree that the IRP furthers Ohio's effectiveness in the global economy?
 - A. Not necessarily.
- Q. Okay. Do you agree that energy intensive IRP customers receive a lower quality of service than other customers by choice?
 - A. I don't know that.
- Q. They are subject to interruption,

522 1 correct? 2. Being the IRP customers are? Α. 3 Q. Yes. 4 Α. They are. 5 Q. And that's a distinction among all other 6 customers, correct? 7 Α. They volunteer for that. And my question said "by choice" but --8 Q. 9 Α. I didn't hear you, yes. 10 Okay. And would you agree there is a Q. 11 cost-of-service basis to charge them less; IRP 12 customers? 13 Α. I don't know if it's necessarily cost of service. The discount is not necessarily cost of 14 15 service based because, as the order stated, it's for 16 economic development, which would not necessarily be 17 cost of service based. 18 Well, do you agree, as a general matter, Q. 19 that an interruptible customer would either cost less 20 to serve or would save other system costs that 2.1 everyone would benefit from? 2.2

Α. Not necessarily.

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Q. All right. So with respect to the legacy portion of the IRP provision in the stipulation, do you know -- do you happen to know who the legacy

- customers are? I don't want you to mention them necessarily.
- A. That's confidential, so yeah, I do know, yes. I did read that discovery.
 - Q. And are those parties signatory parties?
- A. Not as individuals. I do not know if they are members of any -- there is a number of large industrial groups that they possibly could be part of. I don't know the member list.
- Q. Okay. And with respect to the new industry IRP provision in the stipulation, are you familiar with that?
- A. Meaning new customer or new -- new IRP customers?
 - Q. Well --
 - A. It's a little confusing at that point.
 - Q. I'm sorry. It's called "new industry" in the stipulation. There are three categories of IRP customers in the stipulation. Do you recall that?
 - A. Yes.

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- Q. Okay. And so you have legacy; you have the expanded IRP, No. 2; and then; No. 3, new industry. Is that your recollection?
- A. Yes. I was -- I was mixing 2 and 3.
- 25 Q. Sure.

- A. I will use your definition.
- Q. Okay. So the -- are the -- are the customers that receive new industry IRP participation status, are they limited to signatory parties?
- A. I believe the -- that has already -- the 120 megawatts for new industry is -- is -- I believe it's potentially allocated to a -- one individual customer based on another case, an economic development case that was filed.
- Q. That's a pending request before the Commission, correct?
 - A. Yes, yes.

2.1

- Q. Okay. So there's no requirement that you're aware of in the settlement that would limit the new industry IRP participation to signatory parties?
- A. It appears as though it's already been allocated. But if that economic development is not approved, then I'm not -- I -- there is not a specific earmark.
- Q. Is it your understanding that the case you're referring to, that the Commission has made any rulings in that case?
- A. They have not made any rulings. I believe comments will be due in the next few days.

- Ο. Okay. But, again, my question was whether the settlement conditions or limits the availability of the new industry IRP to signatory parties?
- Α. It doesn't limit, but, as I said, it appears as though it's already been allocated.
- Okay. Are you aware of customers that Ο. are otherwise eligible and interested in participating in the IRP program that are not members of the signatory party groups?
 - Do I know of any? Α.
- Q. Yes.

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- Α. I do not know of anybody that is interested that's not -- but you are asking to disprove a negative, so it's difficult to say. there are others out there.
 - Q. Okay. You are not aware of any, correct?
 - Α. No.
- And you're not suggesting through your Ο. testimony, are you, that residential customers are capable of contributing to this program?
- They could. There's a large number of Α. residential aggregation demand response programs.
- Individual residential customers would Ο. 25 not be able to effectively participate based on the

terms and conditions, correct?

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- A. I'm not sure what classes were -- were in the tariffs, in the proposed tariffs for this. If residential are specifically eliminated.
- Q. Well, is it your understanding that there's a minimum interruptible load that you have to dedicate under the IRP tariff?
- A. Yes, there is and that's what I'm saying. I'm not sure what that minimum is.
- Q. Okay. Now, you talk in Question 12, Question and Answer 12 on page 7 of your testimony, about some events that had been called under the -- under the program and in connection with PJM demand response programs. Do you see that?
 - A. Yes.
- Q. Since 2012 is the time frame that you're looking at there, correct?
 - A. Yes.
- Q. Okay. Now, would you agree, first of all, that the company's ability to interrupt a significant amount of load could be a valuable option to use in the future regardless of how many times it's been used in the past?
- A. I guess I'm not sure of the overall value when you have a PJM program and most -- or, well, the

- planning and capacity markets are based on a regional basis and PJM is the -- essentially the regional planner. They are better at running a program such as this.
- Q. Okay. Well, you're saying that as a local distribution company, there's no operational value to AEP Ohio having the capability to interrupt?
- A. I can't specifically speak for the particular value to an EDU in this instance.
 - Q. Are you familiar with the PJM programs?
- A. Yes.

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- 12 Q. Demand response programs?
- 13 A. Yes.
 - Q. And are those programs that exist today and are in effect today, do you know if they can interrupt any time during the year?
 - A. I'm pausing because I'm thinking when the -- there is -- I don't believe at this time they are. Once the capacity performance requirement goes into effect, then a demand response -- a person that offers demand response into the PJM capacity market will need to have an annual product.
 - Q. Okay.
- A. Meaning they have the option to be curtailed throughout the year.

Q. Okay. And let's look at your MPH-3, your attachment here to your testimony that references it's a Data Request Response that references these interruption events. Do you see that?

A. Yes.

2.1

- Q. So, if you know, were the interruptions that occurred during the polar vortex, which I believe were the January 7 two events in 2014, and January 8 in 2014, that was the polar vortex, correct?
 - A. Yes.
- Q. And do you know if those interruptions were mandatory under the PJM program?
- A. I don't believe -- no. I believe they were voluntary where PJM made the call to interruptible customers to curtail their load.
- Q. It was voluntary under the AEP Ohio program that existed at the time?
- A. I don't know the details of the AEP program at that time. I'm sorry, I can't say.
- Q. Are you aware of -- leaving aside the economic buy-through provisions in those circumstances, are you aware that the IRP tariff that AEP Ohio has had in place, whether it's voluntary or mandatory?

- A. Under the current tariff it is mandatory. The proposed tariffs are mandatory.
- Q. And has it been optional in the past, to your knowledge?
 - A. I don't know.

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- Q. You're not aware of any prior version that was optional?
- A. No. And I say that because I'm not sure -- as we are -- I know it's -- the tariff states that under -- under PJM -- when PJM calls on demand response, then AEP customers are required to, and I'm not sure if the -- in this instance whether it's a voluntary call by PJM.
- Q. So if it was mandatory under the AEP Ohio program and optional under the PJM program for the polar vortex interruptions, would you agree that the AEP Ohio program has value?
- A. I can't say that -- I'm not sure if it was voluntary under AEP during -- in 2014.
- Q. And I am asking you to accept that, at least hypothetically, because you already confirmed that the PJM program was voluntary. So assuming that the AEP Ohio program was mandatory, would you agree that the interruptions that occurred during the polar vortex added value for the State of Ohio IRP program?

- A. I can't necessarily say that.
- Q. Okay. Let's switch to the BTCR,
- 3 | Mr. Haugh, page 8 of your testimony, Question and
- 4 | Answer 14, you begin addressing that. So you mention
- 5 here, I believe, in line 16 in the footnote that the
- 6 BTCR Pilot was established as part of the Global
- 7 | Settlement, correct?
 - A. Yes.

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- 9 Q. And OCC was a signatory party to the
- 10 | Global Settlement, correct?
- 11 A. Yes, we were.
- 12 Q. In fact, you filed testimony in support
- 13 of the settlement, correct?
- 14 A. Yes.
- 15 Q. And you included the BTCR Pilot in your
- 16 | testimony as well as the Supplier Consolidated
- 17 | Billing provision, correct?
- 18 MR. MICHAEL: I am going to object, your
- 19 Honor, to the extent that those programs were part of
- 20 a settlement and contain a provision that says it
- 21 can't be used as precedent in any other cases.
- MR. NOURSE: Yeah, your Honor, I am not
- 23 using it as precedent.
- MR. MICHAEL: Then it's irrelevant.
- MR. OLIKER: Except for purposes of

enforcement.

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MR. NOURSE: If I could finish.

Yeah, I mean, actually what I am asking is about what he said earlier that the -- that the, you know, the distinction between the three-parts of the test and under portion 3, you know, it doesn't matter whether it's one case or another, whether it violates regulatory principle. I asked about that earlier. So I'm asking him a simple question whether he filed testimony. I can -- I can show him the testimony if he doesn't recall.

EXAMINER SEE: And your objection, again, Mr. Michael?

MR. MICHAEL: My recollection of the pending question is different than what Mr. Nourse just represented. My recollection of the question was more going down a substantive path of didn't you agree to this thing in the Global Settlement and you are opposing it now. And I objected on the grounds that to the degree that was part of a Global Settlement, those settlement provisions — or those settlement documents, as your Honors are aware, contain provisions that state they can't be used as precedent in future cases and that was the basis for my objection.

MR. NOURSE: Well, I'm sorry.

2.1

EXAMINER SEE: Go ahead, Mr. Nourse.

MR. NOURSE: Go ahead. I was going to say, again, I am not using it as precedent. He did file testimony in that case that recommended the three-part test be approved including the -- some of these provisions and I believe we're currently talking about the BTCR Pilot. So it's more about his testimony than the stipulation.

MR. MICHAEL: But his testimony that he filed was in support of the stipulation so I think, your Honor, it's even more clear in my mind now that the grounds for the objection are appropriate because whatever was done in that particular case with that particular settlement should not be used as precedent here for any purpose.

MR. NOURSE: Well, your Honor, look, if we establish something in a case as part of a settlement, and then in the next case, a few months later, they can turn around and attack that, that's -- that's not -- that's a matter of the settlement of what it was and not trying to use it as precedent. I mean, it's something -- the BTCR Pilot was established as part of that settlement.

So you can't sign a settlement and then

turn around a few months later and say we want to attack this provision. I just don't think that's -- that's not the same as trying to use it. I'm not saying in this case it's precedent you have to agree and you have to sign this stipulation. But you can't -- you can't attack it as violating the three-part a couple months after signing the agreement.

2.1

MR. MICHAEL: At the risk, your Honor, of getting cross-eyes with your Honor, I do want to point out that it's confusing. On the one hand, proponents of the stipulation want to evaluate it as a package and parties sign on to the stipulation for any number of different reasons based on that package. So there is simply no conclusions that can be drawn and any positions taken in a prior settlement that would be applicable and relevant to a subsequent settlement, which is precisely why there's provisions contained in those documents that says it can't be used as precedent in future proceedings. Thank you.

MR. NOURSE: And, your Honor, if that helps, that was my only question I wanted him to confirm, it was part of the stipulation, that he included it in his testimony as part of his

- recommendation in that case, the three-part test was fulfilled.
- 3 EXAMINER SEE: Let's try it this way.
- 4 | Try the question again, Mr. Nourse.
- 5 MR. NOURSE: Okay.
- 6 EXAMINER SEE: It's gone on for a while
- 7 | and I'm not sure --
- 8 MR. NOURSE: Sure.
- 9 EXAMINER SEE: -- what the question is 10 going to be at this point.
- 11 Q. (By Mr. Nourse) Mr. Haugh, you did file
 12 testimony in support of the Global Settlement and
 13 recommended approval of the Global Settlement based
 14 on the three-part test, correct?
- A. As the entirety of the settlement, correct?
- 17 Q. Okay.
- A. I filed testimony as to supporting the entirety of the settlement, yes.
- Q. You recommended to the Commission that
 the settlement, that included the BTCR Pilot,
 fulfilled the three-part test and should be adopted,
 correct?
- MR. MICHAEL: Objection on the grounds previously stated.

MR. NOURSE: I've got the testimony, your Honor, if there is some question about what it is.

I'm simply asking him to confirm that.

EXAMINER SEE: The objection is overruled. I am going to let the witness answer the question.

THE WITNESS: Could you have the question reread, please?

EXAMINER SEE: Sure.

(Record read.)

- A. I agree that as a package, the Commission should -- should accept the settlement in that case.
- Q. Okay. Mr. Haugh, on the same -- well, page -- page 9, line 10, your continuing discussion about the BTCR Pilot and you assert that "A customer can game the system if they are not able to reduce their load on the 1CP because the customer can decide not to participate and pay transmission costs based on the class wide allocation." Do you see that?
 - A. Yes.

2.1

Q. Now, what is your understanding of when the -- when the BTCR Pilot rates will change? Do you have an understanding of the process and the timing throughout the calendar year as to when that will happen?

A. Yes. The -- as I stated in my testimony, the -- using 20 -- using 2018 as an example. On December 1 of 2017, the customer will announce if -- its intention. And then in 2018, I believe AEP adjusts their transmission rider in June at the start of the -- or at the end/start of the PJM planning year.

2.1

- Q. Well, I'm not sure that's -- that's a complete example or not, but in your example --
- A. I may have skipped over a few things, a few steps in there, but those are the big-picture items.
- Q. Well, was -- was the customer in your example a customer that had participated in the prior year in 2017 and missed 1CP? Is that your example or can you fill it in a little bit better?
- A. Oh, sure, yes. So if -- in that instance if a customer were to miss the 1CP and then by -- on December 1 they could decide not to enter into the BTCR Pilot for 2018.
- Q. And when would that -- when would that customer election take effect?
- A. December 1 of 2017 for the 2018 pilot program.
- Q. So it's your understanding that the

customer can drop out effective January 1 in that example?

- A. No. I believe it happens -- I believe the -- I apologize if I'm getting some of these programs mixed up. That goes on the PJM planning year. So they would actually withdraw on December 1 and then it would be in June that they would actually be removed from the program.
- Q. So they would continue paying the old rate for several months.
 - A. Correct.
 - Q. Yeah.

2.1

Now, is it your understanding that the BTCR Pilot program and the ability to participate in that is limited to signatory parties?

- A. Well, it's -- it's hard to say because a number of marketers are allocated certain amounts. So although the marketers signed; the individual customers that are benefiting might not sign. I would say that -- they weren't direct signatory parties but their representatives are signatory parties.
 - Q. Anything else?
 - A. Consult the stipulation quickly.

 There's three -- there's three public

school customers, but I would consider those also representative of Direct -- those are specifically allocated to Direct Energy, so. Yes, I believe all customers are signatory parties or represented by signatory parties.

- Q. Are you aware of a set-aside of 20 megawatts for schools in the stipulation's BTCR Pilot?
- A. I believe those are covered under the Direct Energy customers.
 - Q. Okay. Do you have the settlement?
 - A. I'm looking at it right now.
 - Q. Okay. Let's refer to it. Okay.
- A. I can -- I can stop this. I see it does say the "BTCR Pilot will be similarly kept open for schools." 20 megawatts for schools.
- Q. All right. And there is nothing in the language of paragraph 8 there that limits those schools to being tied to a signatory party, correct?
 - A. Correct.

2.1

- Q. Okay. Okay. Let's shift to the automaker credit, Mr. Haugh, page 10 of your testimony. Now, do you know how many current automaker customers AEP Ohio has?
- 25 A. I -- I -- there was discovery asked on

that and no response given. The response was given that AEP did not know what customers would be eligible for this.

- Q. Well, okay. So let me just ask you, let's say hypothetically that there's an automaker, we will call them Ford Motor Company just as an example, okay?
 - A. I've heard of them.
- Q. So does it matter -- well, let me back up.

So you're challenging this baseline, 2009 being used as a baseline in your testimony, correct?

- A. That's one -- that's one of the issues I have with the automaker credit.
 - Q. Right. So that's your first --
 - A. Actually, the first would be it should be treated as an economic development -- economic reasonable arrangement, that would be my first issue with the automaker credit.
 - Q. Okay. Well, that's Question and Answer
 18. I am asking you about 17. The Question and
 Answer 17 where you deal with the baseline. Are you
 with me?
 - A. Yes.

2.1

Q. Okay. And so if -- if Ford Motor Company

in our hypothetical example had -- does it matter whether they had a low point in production in 2009 to your objection about the baseline?

- A. No. No. The baseline, I'm saying that the baseline should be a more recent aspect. I'm saying it's a -- it's not an accurate representation if the -- if the idea of this rider is to increase -- is for an automaker to increase production, then using 2009 would not be a good way to judge an increase in production for a credit that comes into effect in 2017 or 2018.
- Q. Well, your statement assumes that there have been increases in production since 2009, doesn't it?
 - A. Yes.

2.1

- Q. Okay. And that may or may not be true, correct?
- A. For that particular, I have -- my statistics show for the State of Ohio that 2009 was a low point.
- Q. Okay. But you didn't look at AEP Ohio's service territory customers or specific automakers within the company's service territory, correct?
- A. I did not. As I stated, I wasn't -- I asked for that information. I was not given it.

Q. But you in line 4, on page 11, you say that this baseline greatly increases the amount of credit, correct?

2.1

- A. The potential for the credit.
- Q. So it may or may not increase if you change the baseline, correct?
- A. It may or may not increase, but as I said, the idea for the -- the origin of this credit was to encourage an increase in production for automakers, and to encourage an increase you should use a more recent timeline.
- Q. Well, if a -- if a particular customer hasn't increased production since 2009, then the use of the 2009 baseline would not -- would not affect the credit at all, correct?
 - A. If there wasn't an increase since 2009?
- Q. If there was not an increase until they took advantage of the credit.
- A. No. If they don't increase production between 2009 and today, then they won't see any credit.
- Q. Okay. And similarly if a new automaker comes into the territory and takes advantage of this credit, the baseline here would also not impact the credit because it would have been zero no matter what

year in the past you choose, correct?

2.1

- A. Yeah. A new customer would only see an increase obviously.
- Q. Okay. Now, you mentioned earlier, in Question and Answer 18, you're referring to the reasonable arrangement statute, and I believe you summarized earlier you think that the automaker credit should only be awarded as part of a reasonable arrangement proceeding, correct?
- A. Yeah. As I state in Question and Answer

 17 that this -- that the Commission should not accept
 this; but if they do, they should switch the
 baseline. And the reason that they should not accept
 this is because it should be considered under a
 reasonable arrangement.
- Q. Okay. And if they considered it under a reasonable arrangement, it would be reasonable, correct?
- A. That would be -- that would be yet to be determined.
- Q. All right. Well, do you -- do you see any value in an off-the-shelf economic development solution for an automaker?
- A. For residential customers? Not -- one does not come to mind immediately.

Q. So you're not -- it wouldn't -- for you it wouldn't depend on the benefits associated with an automaker either locating or expanding in an AEP Ohio service territory; is that correct?

2.1

- A. Well, what I'm saying in Question and Answer 18 is that this has to be considered in its totality that a reasonable arrangement would require a certain number of jobs, capital expenditures, and other aspects that are weighed together as to what this is -- what this particular entity, how it is benefiting the state and also the -- as a utility customer. Where this is just handing out \$10 per megawatt-hour for producing higher than eight years ago.
- Q. Okay. Setting aside the baseline because you already addressed that, are you saying that in -- if an automaker increases their production and creates new jobs, you don't see a benefit to other customers in the service territory?
- A. You're assuming that this will lead to increased production and new jobs. There's -- there is no requirement for an increase in production or new jobs for -- in the instance of a new customer, but in the instance of a -- there would be increased production but that doesn't mean additional jobs or

- additional capital investment would be required.
- Q. But you're -- you're statement about the increase in production is tied to the baseline issue, right?
 - A. Correct.

2.1

- Q. Okay. Let me just ask you a couple questions about the "Enroll From Your Wallet" program on page 13. Start with Question and Answer 19 through 21. Now, are you aware of any rule or regulation that requires a customer to possess their bill from AEP Ohio when they're making a decision to shop or being approached by a marketer?
- A. No. They have to have the information, but what I'm saying here is that a bill provides a useful tool in deciding to shop.
- Q. And whether or not someone has their bill, they can choose to shop or choose a CRES provider during a call when they get a marketing call at home; is that correct? That's one way?
- A. I'm sorry. Could you reread the question or --
- Q. Sure. Yeah. What I am asking is you're focused on the bill and I guess -- I gather from your prior testimony having the price to compare from the bill. So what I'm asking is aside from the "Enroll

From Your Wallet" program, in other contexts where a customer is being marketed to, to switch or select a CRES provider, is there any assurance that customers would have their paper bill or consult it during that process?

2.1

- A. Well, they need to get the SDI number and account number for a telemarketing call also.
- Q. And is that -- is the paper bill the only method to get the SDI?
- A. Well, if you are on a phone call, it would be difficult to call AEP to get your number, to get the SDI number. I'm trying -- I'm not sure if it's available any other way.
- Q. Okay. Are you aware of whether it's available online through the customer's online access account?
- A. I don't know that and I'm not sure how easily available online it would be for someone that would be on the telephone. Rolling through their phone.
- Q. Okay. Well, I was just asking you whether you know whether it's available through the online --
 - A. I don't know.
 - Q. Okay. All right. So then do you agree

- that the Commission already has consumer safeguards in place for switching process?
- A. There are rules in place for enrollment. Some would argue if they are secure enough.
- Q. And do you agree the stipulation provides for staff auditing of CRES activity under this program?
 - A. Under the "Enroll From Your Wallet" --
 - O. Yeah.

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- A. -- program? I can't remember that specific part of the -- of the settlement.
- Q. And is it your understanding that the staff is going to oversee this program and review it?
 - A. I know staff is -- has a commitment to review it. I don't know "overseeing."
- Q. Okay. Let me move to the third prong of the test and I believe this part of your testimony starts on page 14, Question 22.
 - A. Did you say 14?
- Q. Page 14, Question 22, I believe is where you start.
- 22 A. Okay.
- Q. The "violating the important regulatory principle" portion. Are you there?
- 25 A. Yes.

- Q. Okay. So, again, this -- your testimony is the CIR, the Supplier Consolidated Billing, and the Renewable Generation Rider violate important regulatory principles, correct?
 - A. Yes.

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- Q. Now, has OCC previously agreed to any of these three items in other cases?
- A. I am not -- I know definitely not the CIR nor the RGR. I'm not sure if the Supplier Consolidated Billing is in a previous case.
- Q. You are not sure whether the Supplier
 Consolidated Billing was part of the Global
 Settlement?
- A. I'm trying to remember. I'm not sure at this point.
 - Q. Okay. On page 15, Question and Answer 24, I just want to clarify why you included this question and answer. I believe earlier you said that you were not testifying and didn't challenge the serious negotiations prong of the three-part test, correct? Is that "yes"? I'm sorry, I think you were nodding your head.
 - A. Oh, I wasn't nodding. I didn't know that there was a question but. No, I am not -- I am not opining on the first part of the test.

Q. And I noticed in your original testimony you filed before the stipulation that was entered into in this case, you had the same Q and A. Do you recall that?

A. Yes.

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- Q. Okay. Is it your recollection that there is a provision in the PPA rider settlement that required signatory parties to meet and determine the value for the CIR that the company would propose in this case initially?
- A. Yes, I believe that was from the 14-1693 case.
 - Q. Right. So the company's amended application and supporting testimony from a year ago in this case, that value, I believe it was the 62 cents, the CIR, was based on a discussion that was had under the PPA settlement; is that your understanding?
 - A. It's my understanding based on discovery responses that this -- that there was a meeting and that this was just an administratively-determined number.
 - Q. But yeah, that's -- my questions are just procedural since you included this question and answer here. That -- that meeting to come up with --

at least an attempt to come up with an initial proposal for the CIR value was amongst signatory parties for the PPA rider, correct?

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- A. Yeah. Question and Answer 24 is basically I am stating I have no knowledge as to how -- how that came about, that we were not part of that discussion, and that it was an administratively-determined number without any input from OCC.
- Q. And because OCC was not a signatory party to the PPA settlement, OCC was not required to be included in that meeting under that provision, correct?
- A. No. But I would argue that the -- that residential customer interests should have been considered in that determination.
- Q. Okay. I am trying to skip stuff that was covered earlier.
 - A. You can skip as much as you want.
 - Q. Okay. Wait a second.

Well, okay. On page 19, line 1, I believe there's a typo there. When you are talking about regulatory principles, that's p-l-e, right? And that's something like rates should be just and reasonable, right?

- A. Yes. Not the "principal" of the school.
 You are correct.
 - Q. "A regulatory principal" would be like a VIP, a regulatory VIP, like Bruce Weston or somebody like that?
 - A. I was not referring to the Consumers'
 Counsel in this. I was referring to a regulatory
 principle.
- Q. All right. All right.
- 10 RGR, page 30 -- Question and Answer 34,
 11 page 19, Renewable Generation Rider. Are you with
 12 me?
- 13 A. Yes, I'm there.

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- Q. All right. Do you acknowledge that the ESP statute permits an electric distribution utility to build new capacity and collect a nonbypassable charge for the life of the facility?
- MR. MICHAEL: Objection.
- Mischaracterizes the requirements in the statute and
 I think calls for a legal conclusion that this
 witness isn't qualified to answer.
- MR. NOURSE: I will be happy to rephrase, your Honor.
- 24 EXAMINER SEE: Then do so.
- Q. Mr. Haugh, based on your -- based on your

understanding as a -- as a non-attorney and based on your understanding of the electric security plan regime that's in place in Ohio, is it your understanding that under some circumstances the electric distribution utility can build new capacity and collect a nonbypassable charge?

- A. Yes. There are requirements that need to be met for any generation to be built under the ESP statute.
- Q. And is it to be determined as to whether any future proposal under the RGR meets those requirements?
- A. I believe there is a separate proceeding for any projects that are -- that would be proposed by the company under this rider.
- Q. Okay. And on page 20, in Answer 35, you -- I don't want to put too many words in your mouth, but you seem to be complaining that AEP Ohio already has too many riders and you note that there are 25 currently?
 - A. Yes.

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- Q. And that -- is that an additional basis that you have to object to the RGR?
- A. Exactly. This is -- under the original 14-1693 case, the RGR and the OVEC PPA were both to

be included in the same rider. And once again, I'm stating I don't think there should be a renewable generation rider, but if -- if the Commission does decide to allow for a renewable generation rider, then it should be as stated in the 14-1693 case and included in with the OVEC PPA.

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- Q. And while I understand your -- your views about too many riders, that's your opinion, but I guess my question for you is whether you would agree or acknowledge that there are also benefits of separately tracking costs and price transparency to establish distinct riders that cover specific cross; would you agree -- specific costs; would you agree?
- A. Well, I think this -- this rider under the -- is going to be treated in the same fashion as the OVEC rider in that it's going to be liquidated into the PJM market and costs -- the costs will be offset by the market -- by the market -- by the revenues from the market, which is the same way that the OVEC PPA is being treated, so. And I believe it's also stated this could be a hedge against changing markets.

So I think -- I think the OVEC and the Renewable Generation Rider are essentially one and the same, other than that the Renewable Generation

Rider is to be proposed at a later date.

- Q. Well, if we agree not to change the name, is OCC supportive of the proposal?
- A. As I stated earlier, we disagree with the Renewable Generation Rider and, for that matter, the OVEC rider; but if the Commission were to decide to go with these, I'm suggesting that they continue to be in the same rider.
- Q. Okay. And you agree that the OVEC costs do not reflect renewable energy costs, right?
 - A. OVEC in itself?
- Q. The current OVEC costs and the PPA rider today.
 - A. There is no renewable generation --
- 15 Q. Okay.

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- 16 A. -- involved in that.
- Q. Okay. And then page 20, line 13, you reference 4905.33(B). Do you see that?
 - A. Yes.
- Q. And when I read that sentence, to me the key phrase is "for the purpose of destroying competition." So my question for you is whether -- whether that's the assertion you're making that this future project would be proposed for the purpose of destroying competition or does that factor matter to

your analysis?

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- A. That factor has very large weight on me in that -- in the statute there. The -- as I state right below that, this allows for a customer looking for renewable generation to purchase at a discount as opposed to going through a competitive, either a CRES or another competitive provider of renewable generation. So this, in fact, if -- if you have the two options, to get something that's subsidized or not subsidized, most people would choose the subsidized route.
- Q. Well, okay. So you -- you agree that any issues like that that relate to an actual proposal that the company files can be taken up in a future case?
- A. I'm not sure what exactly would be the -- what would be encompassed in a future case.
 - Q. Well --
- A. I would hope that that would be a -- it wouldn't -- that these cases wouldn't happen at all because there shouldn't be a Renewable Generation Rider.
 - Q. Let me state it differently.
- Is there anything today, Mr. Haugh, as
 you sit here today and with the RGR being approved as

a placeholder under the stipulation, that presents an issue about destroying competition?

- A. If there's no charges, if there's no projects ever being developed, there's no -- competition can't be destroyed. But the ability to propose a Renewable Generation Rider at a discounted rate would destroy competition, so one leads to -- one would lead to the other. The ability to have this rider could lead to destroying competition.
- Q. Okay. But if something materializes that OCC has a concern like that, they'll have an opportunity in the future case to address that, correct?
- A. I would hope the Commission would -- would heed my testimony and not have those cases at all.
- Q. Okay. Let me just ask you a few more questions on your MRO testimony. So, let's see, let's go to page 24. In Answer 39 you address, among other things, the quantitative benefits regarding the DIR. Do you see that?
 - A. Yes.

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Q. And so, first of all, is it your opinion
that the DIR has no quantitative or qualitative
benefit for customers?

- A. Yes. I'm basing that on OCC witness Williams' testimony.
- Q. Okay. So do you know whether the Commission has previously determined that the DIR is beneficial in the context of the MRO test?
- A. I know that it's approved it in previous cases. Once again, I'm not sure if they specifically stated the benefits of it.
- Q. And do you know whether the Commission previously determined that the ESSR, that you go on to address in Answer 39, also is beneficial?
- A. Same answer as the previous. I know it's been approved. I don't know how it was -- how it was addressed in the Order.
- Q. And then further down in Answer 39, do you know -- you're addressing the RDCR, correct?
 - A. Yes.

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- Q. And do you know whether the Commission has previously determined that the RDCR is beneficial in the context of the MRO test?
- A. Same answer as the previous. I know it was approved. I'm not sure of the benefits that the Commission would have determined.
- Q. But if the Commission had made those determinations, that wouldn't matter to you, correct?

- A. I would say in this case they're not -specifically for this case they are not -- they are
 not adding a quantitative benefit or qualitative.
- Q. "In this case" does that mean you agree with the Commission's prior determinations that in other cases that the DIR, the ESSR, and the RDCR are beneficial in the context of the MRO test?
 - A. I have no opinion on the previous cases.
- Q. Okay. Let's go ahead and show you that then if you don't recall.
- Mr. Haugh, I've included a separate excerpt of the Opinion and Order in 13-2385. I will await until they're handed out.

Thank you.

- Okay. This is an excerpt of the February 25, 2015, ESP III Opinion and Order. It has the table of contents.
- A. I was handed two documents. It's the 19 | 13-2385?
- 20 Q. Yes.

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- 21 A. Okay.
- Q. It's the one that has the MRO section starting at page 91.
- 24 A. Okay.
- Q. Okay. And you testified in this case,

correct? In that case?

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- A. I did not, no.
- Q. Okay. And so are you -- did you take a look at this? You see the MRO section begins on page 91 and feel free to take the time to look at it, but I want to ask you some questions about the Commission's findings beginning on page 94.

MR. MICHAEL: Your Honor, I'd object to this line of questioning. The Opinion and Order says what the Opinion and Order says. AEP certainly can cite it in its briefs. Mr. Haugh just testified he didn't offer any opinions in that case. And I don't see any benefit of spending time on going through to read what the Opinion and Order says. It says what it says. And Mr. Haugh wasn't involved in the case, so I would object to questioning about this.

MR. NOURSE: Well, your Honor, I am just probing his testimony in this case and what conclusions that he's made about the -- these riders not having any value. In fact, having a cost in the context of the MRO test, which I think conflicts. He didn't recall what the Commission did, so I'm trying to refresh his recollection and confirm his opinion.

- Q. Just briefly, Mr. Haugh, so are you with me on page 94?
 - A. I'm on 94.

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- Q. Okay. This -- this Opinion and Order discusses the RDSR -- RDCR first. If you look at the last paragraph on 94 and if you can read the third sentence aloud. Third and fourth sentence, I'm sorry.
 - A. What word does the third sentence --
 - Q. "However."
- A. "However, as part of its proposed ESP,
 AEP Ohio has made a commitment to continue,
 throughout the ESP term, the RDCR, which would
 otherwise expire as of May 31, 2015, and which would
 not be available under an MRO. The record reflects
 that the residential distribution credit will provide
 a quantifiable benefit in the amount of \$44,064,000
 over the three-year term of the ESP."
- Q. All right. Is there something about your testimony in this case about the RDCR that's different from what the Commission found here?
- A. Well, I think my testimony states that in the absence -- if we were under an MRO, there, in turn, would not be a DIR, which is the reason for the RDCR is as a result of a double-recovery of dollars

through both the base distribution and the DIR. So the RDCR, it's sort of fruit of the poisonous tree. If there's no DIR, there's no need for a RDCR.

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- Q. Well, would you agree with me that the Commission, in the passage you just found, indicated that there was a \$44 million benefit over the three-year term of the ESP associated with the RDCR?
- A. I read that sentence, but I would disagree with what that sentence states.
- Q. And is the understanding that the DIR is also in place during the current ESP III term of 2015 through 2018?
- A. Yes. The DIR is -- the DIR and the RDCR are running tangentially with each other.
- Q. Okay. And the -- to continue on page 94, you can skip the next sentence that relates to the bad debt rider and read the next two sentences, "Finally," et cetera.
- A. "Finally, regarding the DIR, ESSR, and other approved distribution-related riders, we agree with AEP Ohio that the revenue requirements associated with the recovery of incremental distribution investments should be considered to be the same whether recovered through the ESP or through a distribution rate case conducted in conjunction

1 | with an MRO."

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- Q. Now, in your testimony in this case you actually assign a more than a billion dollars cost in your ESP-MRO --
- A. Yes.
 - Q. -- comparison to the DIR, correct?
- A. Correct. That's the -- all of the annual caps added up to the \$1.01 billion.
 - Q. Right. So your -- in looking on page 27 at your Table 1 where you summarize your MRO test analysis.
- 12 A. Yes.
- Q. The column "ESP Costs," those are all cumulative over the term of the extended term of the ESP, correct?
- 16 A. Yes.
- Q. And the column "Quantitative Benefits,"

 18 is that also cumulative?
- A. No. Those are annual. They would still be below the 1.13 billion, essentially add -multiplied that.
- Q. That's fine. I am just asking --
- A. That's the annual number.
- Q. All right. And is the -- I think you may have already answered this, but the DIR figure, aside

- from disagreeing with what the Commission said in the ESP III Opinion and Order, you're also extrapolating that to the whole term even though there will be a rate case in 2020, correct?
- A. I'm showing what the maximum amount could be for that. There's no -- AEP does not necessarily have to have filed a rate case. They can select the DIR all the way through 2021 under the ESP -- under the settlement.
- Q. It's not your understanding if, for whatever reason, the company does not file the rate case, that the DIR will expire?
- A. It will, but the settlement allows for AEP to collect DIR dollars in 2021.
- O. Is that --

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- A. Assuming a rate case has not been filed at that point.
- Q. So is your 1 billion cost only through 2021?
- A. It is -- it is a combination of all of the caps that are listed through 2021 in the settlement.
- MR. NOURSE: Okay. Thank you, your
 Honor. That's all I have.
- Thank you, Mr. Haugh.

563 EXAMINER SEE: Mr. Michael. 1 2 MR. MICHAEL: We would like a moment with the witness, your Honor, please. 3 4 EXAMINER SEE: Certainly. 5 MR. MICHAEL: Thank you. EXAMINER SEE: We're off the record. 6 7 (Discussion off the record.) 8 EXAMINER SEE: Let's go back on the record. 9 10 Mr. Michael. 11 MR. MICHAEL: Yes, your Honor. I have a 12 brief redirect. 13 14 REDIRECT EXAMINATION 15 By Mr. Michael: 16 Mr. Haugh, do you remember Mr. Margard's Ο. 17 questions to you about the package provision of the 18 stipulation test? 19 Α. I do, yes. 20 Q. And do you recall your questioning from 2.1 Mr. Nourse regarding the IRP-D and his directing your 22 attention to the Opinion and Order in the 13-2385 23 case? 24 Α. Yes. 25 Q. And if I could direct your attention to

page 40 of the Opinion and Order from the 13-2385 case Mr. Nourse asked you about. Let me know when you're there, please.

- A. I'm there.
- Q. And Mr. Nourse had you read the first sentence on the last paragraph of that page, correct?
 - A. Yes.

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- Q. And could you please read the second sentence?
- A. Sure. "We find that the IRP-D should be modified to provide for unlimited emergency interruptions and that the \$8.21 per kilowatt-month credit should be available to new and existing shopping and non-shopping customers." Which in reading that, demonstrates that although the Commission looks at the settlements as a whole, that they do take individual parts of the settlement and make modifications to it so that they look at both the whole and the individual aspects of a settlement.

MR. MICHAEL: Thank you.

No further questions, your Honor.

EXAMINER SEE: Any recross for this

23 | witness, Ms. -- Ms. Glover?

MS. GLOVER: No questions.

EXAMINER SEE: Ms. Petrucci?

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                 MS. PETRUCCI: No questions.
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                 EXAMINER SEE: Mr. Boehm?
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                 MR. BOEHM: No questions.
                 EXAMINER SEE: Mr. Pritchard?
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                 MR. PRITCHARD: No questions, your Honor.
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                 EXAMINER SEE: Mr. Margard?
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                 MR. MARGARD: No questions. Thank you,
 8
     your Honor.
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                 EXAMINER SEE: Mr. Nourse?
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                 MR. NOURSE: No, thank you.
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                 EXAMINER PARROT: Mr. Haugh, just a
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     follow-up, do you know if 13-2385-EL-SSO was a
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     settled case? Was there a stipulation and
14
     recommendation submitted to the Commission in it, in
     the case?
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                 THE WITNESS: I can't recall if it was a
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     settlement or if it was not.
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                 EXAMINER PARROT: Okay. Thank you.
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                 EXAMINER SEE: Mr. Michael, did you
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     already move the admission of OCC Exhibit 8?
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                 MR. MICHAEL: Yes, I had, your Honor,
22
     subject to cross.
23
                 EXAMINER SEE: Are there any objections
24
     to the admission of OCC Exhibit 8?
                 Hearing none, OCC Exhibit 8 is admitted
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566 into the record. 1 2 (EXHIBIT ADMITTED INTO EVIDENCE.) 3 EXAMINER SEE: Mr. Nourse? 4 MR. NOURSE: Yes, your Honor. Could we 5 go off the record for a moment? 6 EXAMINER SEE: Okay. Let's go off the 7 record. (Discussion off the record.) 8 9 EXAMINER SEE: Let's go back on the 10 record. 11 Mr. Nourse, will the company be asking 12 for rebuttal testimony? 13 MR. NOURSE: No, your Honor. Thank you. 14 EXAMINER SEE: Okay. And the parties 15 have come to an agreement on a proposed briefing 16 schedule which would be initial briefs due -- first, 17 let me represent that the company indicated that they 18 would be putting the transcripts in the record on 19 November 8 and have requested -- the parties have 20 agreed to a briefing schedule of initial briefs to be 2.1 filed on November 30 with reply briefs on the 20th or 2.2 the 21st? 23 MR. NOURSE: Let's just go with the 21st, 24

your Honor. It's always better to have an extra day.

accepted that proposal. So briefs will be due accordingly.

I would like -- are there any other matters we need to address?

MR. NOURSE: Your Honor, I was just going to make one additional statement. The company appreciates the Commission's work on these cases and would like to request a decision as soon as possible and would appreciate a decision the first quarter of 2018, if at all possible. Thank you.

EXAMINER SEE: Is there anything else we need to take up?

There is one issue that the Bench would like to note. There will be a confidential transcript included in this record that relates to a tangential issue. It is a tangential issue that was raised in this matter that the Bench thought best to address in that manner.

And with that, this matter is adjourned. (Thereupon, at 4:02 p.m., the hearing was concluded.)

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1	CERTIFICATE	
2	I do hereby certify that the foregoing	is
3	a true and correct transcript of the proceedings	
4	taken by us in this matter on Monday, November 6,	
5	2017, and carefully compared with our original	
6	stenographic notes.	
7		
8	Karen Sue Gibson, Registered	
9	Merit Reporter.	
10		
11	Carolyn M. Durko Dogiatorod	
12	Carolyn M. Burke, Registered Professional Reporter.	
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Case No(s). 16-1852-EL-SSO, 16-1853-EL-AAM

Summary: Transcript in the matter of the Ohio Power Company hearing held on 11/6/17 - Volume IV electronically filed by Mr. Ken Spencer on behalf of Armstrong & Okey, Inc. and Gibson, Karen Sue Mrs.