BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

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In the Matter of the : Application of Duke Energy: Ohio, Inc., for Recovery : of Program Costs, Lost :

Distribution Revenue, and : Case No. 13-753-EL-RDR

Performance Incentives
Related to its Energy
Efficiency and Demand
Response Programs.

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PROCEEDINGS

before Ms. Christine M.T. Pirik, Deputy Director, at the Public Utilities Commission of Ohio, 180 East Broad Street, Room 11-A, Columbus, Ohio, called at 10 a.m. on Thursday, October 3, 2013.

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ARMSTRONG & OKEY, INC.

222 East Town Street, Second Floor
Columbus, Ohio 43215-5201
(614) 224-9481 - (800) 223-9481
Fax - (614) 224-5724

- - -

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1	APPEARANCES:	
2	Duke Energy Ohio, Inc. By Ms. Elizabeth H. Watts	
3	and Ms. Amy B. Spiller 139 East Fourth Street	
4	Cincinnati, Ohio 45202	
5	On behalf of the Applicant.	
6 7	Bruce E. Weston, Ohio Consumers' Counsel By Mr. Terry L. Etter, Assistant Consumers' Counsel	
8	10 West Broad Street, Suite 1800 Columbus, Ohio 43215-3485	
9	On behalf of the Residential Customers of Duke Energy Ohio, Inc.	=
10	Obje Dentrone for Affordable Energy	
11	Ohio Partners for Affordable Energy By Ms. Colleen L. Mooney 231 West Lima Street	
12	Findlay, Ohio 45840	
13	On behalf of the Ohio Partners for Affordable Energy.	
14	Mike DeWine, Ohio Attorney General	
15	By Mr. William L. Wright, Section Chief Public Utilities Section	
16	Mr. Devin D. Parram and Mr. Ryan O'Rourke,	
17	Assistant Attorneys General 180 East Broad Street, 6th Floor	
18	Columbus, Ohio 43215	
19	On behalf of the Staff of the PUCO.	
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Thursday Morning Session,

October 3, 2013.

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DEPUTY DIRECTOR PIRIK: We will go on the record. In the Matter of the Application of Duke Energy Ohio, Inc., for Recovery of Program Costs, Lost Distribution Revenue, and Performance Incentives Related to its Energy Efficiency and Demand Response Programs, Case No. 13-753-EL-RDR. The Commission has set this case for hearing at this time and place.

My name is Christine Pirik. I am the Deputy Director of the Legal Department, and I have been assigned to hear this case.

At this time I'll take appearances on behalf of the parties. On behalf of the company.

MS. WATTS: Thank you, your Honor. Amy B. Spiller and Elizabeth Watts, 139 East Fourth Street, Cincinnati, Ohio 45201.

DEPUTY DIRECTOR PIRIK: On behalf of OPAE.

MS. MOONEY: On behalf of Ohio Partners for Affordable Energy, Colleen Mooney, 231 West Lima Street, Findlay, Ohio.

DEPUTY DIRECTOR PIRIK: OCC.

MR. ETTER: Good morning, your Honor. On

behalf of the Office of the Ohio Consumers' Counsel representing Ohio's residential utility consumers, I'm Terry L. Etter, Assistant Consumers' Counsel. We are at 10 West Broad Street, Suite 1800, Columbus, Ohio 43215.

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DEPUTY DIRECTOR PIRIK: Thank you. On behalf of staff.

MR. PARRAM: Good morning. On behalf of the staff of the Public Utilities Commission of Ohio, Attorney General Mike DeWine, by Assistant Attorneys General Devin Parram and Ryan O'Rourke, 180 East Broad Street, 6th Floor, 43215, Columbus, Ohio.

DEPUTY DIRECTOR PIRIK: Thank you. I think we might need to use the microphones. Yeah, maybe we need to use the microphones so everyone in the room can hear what's happening.

Okay. Before we begin with witnesses OPAE has a pending motion. Ms. Mooney, would you like to restate the motion for the record.

MS. MOONEY: Yes, your Honor. Our motion involved having David Rinebolt subs -- be the adopter of a testimony that was prefiled of Stacia Harper. Stacia Harper is not in town this week. She's in a NARUC training session in Michigan, and we just in our motion request that David Rinebolt -- he filed

late-filed testimony that simply adopts as his own testimony the testimony of Stacia Harper and that's our motion.

DEPUTY DIRECTOR PIRIK: Are there any objections to the motion by OPAE?

MS. WATTS: There are no objections from the company.

MR. ETTER: No objections, your Honor.

MR. PARRAM: No objections, your Honor.

DEPUTY DIRECTOR PIRIK: The motion will

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MS. MOONEY: Thank you, your Honor.

DEPUTY DIRECTOR PIRIK: Ms. Mooney, can you maybe take the microphone that's in front of Mr. Rinebolt.

Turning to the company.

MS. WATTS: Yes, your Honor. Thank you. Initially before I introduce Mr. Duff, I have a little sheet with exhibit numbers and so forth on it that I can distribute if your Honor would like to do that at this point.

DEPUTY DIRECTOR PIRIK: That would be helpful.

MS. WATTS: It's a long walk around. I want to make a little split right in the middle.

DEPUTY DIRECTOR PIRIK: Okay, Ms. Watts.

MS. WATTS: Your Honor, if it meets with your approval, I will read those into the record. So Duke Energy would ask to have marked as Duke Energy Ohio Exhibit 1 its application in these proceedings which were filed on March 28, 2013.

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Then we would ask to have marked as Duke Energy Ohio Exhibit 2 the Direct Testimony of James E. Ziolkowski, and as Duke Energy Ohio Exhibit 3 the testimony of -- the Direct Testimony of Timothy J. Duff, as Duke Energy Ohio Exhibit 3A the Supplemental Testimony of Timothy J. Duff, as Duke Energy Ohio Exhibit 4 the Testimony of Ashlie Ossege, as Duke Energy Ohio Exhibit 5 the Reply Comments that were filed in these proceedings on July 16, 2013, and as Duke Energy Ohio Exhibit 6 the Testimony of Richard G. Stevie which adopts the testimony of Ashlie Ossege.

(EXHIBITS MARKED FOR IDENTIFICATION.)

DEPUTY DIRECTOR PIRIK: Miss Watts, before you went on the record you mentioned there were a couple of these documents that you do not have copies for the court reporter so we are going to need the dates of those so we can reference the docket card in finding those testimonies.

1 MS. WATTS: Absolutely. And those 2 documents are as follows: The Direct Testimony of 3 Timothy J. Duff that was filed with the Commission on 4 March 28, 2013 and then the Supplemental Direct 5 Testimony of Timothy J. Duff that was filed on 6 September 13, 2013. And then in addition to those two testimonies it would be the Testimony of James E. 7 8 Ziolkowski which was filed on March 28, 2013. And 9 those are the only documents that we need to use in 10 the hearing today that I don't have additional copies of. 11 12 DEPUTY DIRECTOR PIRIK: Okay. Thank you. 13 Would you like to call your first witness. 14 MS. WATTS: I would, thank you, your Honor. Timothy Duff. 15 16 17 TIMOTHY J. DUFF 18 being first duly sworn, as prescribed by law, was examined and testified as follows: 19 20 DIRECT EXAMINATION 2.1 By Ms. Watts: 22 Good morning, Mr. Duff. Q. Good morning. 23 Α. 24 Could you tell us by whom you are Ο. 25 employed.

- A. Duke Energy Business Services.
- Q. And do you have before you what was marked today as Duke Energy Ohio Exhibits 3 and 3A?
 - A. I do.

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- Q. And are those the testimonies that you caused to be filed in this proceeding?
 - A. They are.
- Q. If I were to ask you the questions contained therein again today, would your responses be the same?
 - A. Yes.
- 12 Q. Do you have any additions or corrections to make?
- A. Not to the best of my knowledge.
- MS. WATTS: Mr. Duff is available for cross-examination.
- DEPUTY DIRECTOR PIRIK: Thank you.

18 OCC.

MR. ETTER: Thank you, your Honor.

20

21 CROSS-EXAMINATION

22 By Mr. Etter:

- Q. Good morning, Mr. Duff.
- A. Good morning.
- Q. Let's concentrate on your supplemental

testimony that you recently filed in this proceeding on September 13. And the purpose of that testimony is to respond to the comments and reply comments that were filed in this proceeding by OCC, the staff, and OPAE; is that correct?

A. That's correct.

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- Q. And kind of in a nutshell your testimony supports Duke's position that evaluation, monitoring, and verification costs associated with Duke Energy's efficiency program should be included in the avoided costs for calculating the shared savings mechanism found in the stipulation that was approved in Case No. 11-4393; is that right?
 - A. No, that's not correct.
 - Q. That's not correct. What is your --
- A. Measurement and verification are not included.
 - Q. No, not included.
- 19 A. Not included.
 - Q. Yeah, okay. Have you read the stipulation in that case?
 - A. Yes.
- Q. Okay. And when was the last time you read it?
 - A. Yesterday, I believe.

Okay. And do you have a copy of it with 1 0. 2 you here today? 3 If you give me a minute, I can, yes. Α. 4 Q. Okay. 5 MR. ETTER: Your Honor, do you need a 6 copy of the stipulation? 7 DEPUTY DIRECTOR PIRIK: Yes, I do. 8 MR. ETTER: I am going to ask some 9 questions about it. 10 MS. WATTS: Mr. Etter, is this the 4393 stipulation? 11 12 MR. ETTER: Yes. 13 DEPUTY DIRECTOR PIRIK: We will need to 14 mark that as an exhibit so that the record is complete, and we can go off of those documents. 15 16 MR. ETTER: Okay. This will be OCC 4. 17 I'm reserving the first three for our comments and 18 testimony. 19 DEPUTY DIRECTOR PIRIK: The stipulation 2.0 and recommendation in 11-4393 which was docketed on 2.1 November 18, 2011, needs to be marked as OCC Exhibit 22 4. 23 (EXHIBIT MARKED FOR IDENTIFICATION.) 24 (By Mr. Etter) So let's focus for a Ο.

minute on your supplemental testimony. Excuse me.

At the bottom of page 2 of your supplemental testimony, you discuss the application in the 11-4393 case, and you state that the application included a proposed methodology for calculation of the shared savings incentive. Do you see that?

A. Yes.

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- Q. That's in lines 16 to 18.
- A. Yes.
- Q. When was that application filed?
- A. I can go back and look. It was -- I believe it was sometime in July of 2011, July 23 maybe.
- Q. Yeah, that's close enough. I think it was July 20 but that's close enough. It was in July of 2011, correct? And Mr. Ziolkowski's testimony from the 11-4393 case where he explained the calculation of the shared savings incentive and included attachments detailing the calculations, was that filed with the application that date you reference here on lines 19 to 21?
 - A. It was.
- Q. So it was filed on July 20, 2011, correct, or thereabouts?
 - A. Correct.
 - Q. And when was the stipulation in that

proceeding filed -- or signed, rather?

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- A. I believe it was in October or November of 2011.
 - Q. Yeah. If you will turn to page 8 of the stipulation, it says November 18, 2011; is that correct?
 - A. That's correct.
 - Q. So that was about four months after Mr. Ziolkowski's testimony was filed, correct?
 - A. That's correct.
 - Q. Now, let's turn to the stipulation and on page 4, paragraph numbered 1, the sentence beginning on the third line discusses the shared savings mechanism, correct?
 - A. Yes.
 - Q. And does it state there that the parties agree to the shared savings mechanism proposed by Mr. Ziolkowski in his testimony that was filed with the application?
 - A. No. That's not what it states.
 - Q. Which shared savings proposal is mentioned there?
 - A. It says it was the one proposed in the OCEA or Ohio Consumer and Environmental Advocates' comments submitted on 9-21-2011 but those comments

- specifically recommended four modifications. None of them modified the calculation methodology that

 Mr. Ziolkowski supported in the application.
- Q. But it doesn't say there the parties agree to Mr. Ziolkowski's calculation, correct?
- A. No. It says that they -- they wanted the four modifications to the shared savings incentive structure.
- Q. Does the stipulation mention Mr. Ziolkowski's testimony at all?

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- A. I don't believe it does.
- Q. Well, I'll just point out that on page 6 there is a footnote where it mentions

 Mr. Ziolkowski's testimony.
 - A. Oh, you are correct.
- Q. Yeah. And that's for the purpose of assigning program costs for recovery purposes to the rate classes whose customers are directly participating in the program, correct?
 - A. I believe so, yes.
- Q. So specifically for that issue and no other issue.
 - A. That's correct.
- Q. And the attachment cited there in the footnote is not the same attachment you mention on

- page 3, line 22, of your supplemental testimony,
 correct?

 A. That's correct.
- 4 MR. ETTER: I have no further questions,

5 your Honor.

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DEPUTY DIRECTOR PIRIK: Miss Mooney.

MS. MOONEY: No questions, your Honor.

DEPUTY DIRECTOR PIRIK: Mr. Parram.

MR. PARRAM: Yes, your Honor.

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CROSS-EXAMINATION

12 By Mr. Parram:

- Q. Good morning, Mr. Duff.
- A. Good morning.
- Q. You have a copy of your supplemental testimony in front of you?
- 17 A. I do.
- Q. I would like to start at the end and jump to pages 6 and 7 of your testimony.
 - A. Yes.
- 21 Q. There is a question regarding Commission 22 staff's testimony of Gregory Scheck and I'm 23 summarizing your testimony but you would be willing 24 to in -- I believe in this proceeding to adopt 25 Mr. Scheck's recommendation that he made in 13-431

which is Duke's portfolio case; is that correct?

- A. That's correct. Mr. Scheck suggested in his filing in his testimony in that portfolio case that going forward it should be clear that measurement and verification costs should be included in the calculation of shared savings, and while the company feels that it filed and calculated the shared savings incentive consistent with the application, the stipulation, and the tariffs that were that were supported by the staff and approved by the Commission, that going forward in order to avoid the future concern, we would agree with Mr. Scheck if that if the Commission deemed that appropriate.
- Q. Okay. And I just wanted to be clear that you would be -- it would be this particular case where the Commission would make that -- order that?
 - A. Correct.

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- Q. By this particular case I mean 13-753.
- A. That's correct.
- Q. Okay. So based upon your testimony, you would agree that -- that the Commission is not precluded from addressing the EM&V costs and how it should be calculated in the shared savings in any type of way in this particular proceeding; is that correct?

- A. No. We were just saying that we supported Mr. Scheck's recommendation in order to resolve the concerns and the confusion that appears to have occurred during the application, stipulation, and approval of the tariffs with which we calculated the shared savings incentive. That in order to avoid that confusion and eliminate concern going forward with the new portfolio that would go into effect 1-1-14, we would include measurement and verification in the shared savings calculation.
- Q. Okay. And just -- and my understanding of your testimony is that -- that there is nothing in the 11-4393 case that would necessarily preclude the Commission from addressing how the EM&V should be calculated as it relates to the shared savings in this particular case going forward?
- A. We feel that they already vetted that issue when they approved the tariffs with the workpapers that were reviewed by staff, and other parties were given notice.
- Q. So is it your opinion that the Commission is precluded from addressing that issue in this case?
 - A. No.

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Q. Okay. And if you go to page 5 of your supplemental testimony, lines I believe it is 20

through 22, the sentence starting with the "the Company." Do you see where I'm at there?

A. Yes.

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- Q. It says "The Company is not debating the purpose or need to perform EM&V. This is quite separate and apart from the need to do EM&V after the program has been executed." Could you explain what you are saying in those sentences there.
- A. Essentially we are saying that M&V is required by the Commission in order for -- in order to comply with SB 221, and we are not making -- we are not taking issue with the need to do measurement and verification or that those -- that those costs should be recovered.

We're taking issue with the fact that the application, stipulation, and the tariffs that were reviewed and filed excluded EM&V costs from the calculation of shared savings.

- Q. Okay. When you say -- if you can go over to the next page.
 - A. Yes.
- Q. On lines 2 to 3, there's a sentence that says "Mainly that program costs for the purpose of calculating the shared savings incentive necessarily include EM&V costs."

A. Yes.

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- Q. What are you referring to there?
- A. Mr. Scheck was making the -- making the point in his testimony, as I understood it, that he felt that EM&V costs were considered program costs and, therefore, should be considered in the -- in the shared savings calculation. That was not -- that was not consistent with what we felt was put forward in the application. Nowhere in any party's testimony during the 11-3 -- 11-4393 case or in this case was there anything that said that the EM&V had to be included in the shared savings calculation.
- Q. Okay. So it is true, isn't it, that as part of the determining the cost effective -- cost effectiveness of your programs, you are required and have to perform EM&V; is that correct?
- A. To do cost effectiveness for individual programs does not necessarily include EM&V expense.
 - Q. Okay. Explain that to me.
- A. EM&V expense is -- is considered -- isn't necessarily considered a cost of implementation for cost effectiveness. It's considered -- it's considered a cost -- an overall cost of doing the energy efficiency, but it's not considered a program cost specifically with delivering the energy

efficiency.

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- Q. Do you have a separate EM&V cost as it relates to just determining whether or not Duke will get a shared savings incentive?
- A. No. In fact, when EM&V -- when EM&V costs are factored -- when you look at EM&V costs at the portfolio level, what you are doing is you are taking a 5 percent multiplied by the total portfolio program costs which is another reason why we feel it's quite clear that they are separate because 5 percent is what we use as an approximation for EM&V costs when you are assessing the overall portfolio cost effectiveness.

MR. PARRAM: That's all I have, your Honor.

DEPUTY DIRECTOR PIRIK: Thank you.

MS. WATTS: Thank you, your Honor.

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REDIRECT EXAMINATION

By Ms. Watts:

Q. Just a couple of questions, Mr. Duff.
When Mr. Parram asked you with respect to this
proceeding whether the Commission has any particular
authority to consider changes to the calculation,
Mr. Duff, you are not an attorney, correct?

- A. Nope. I'm not an attorney.
- Q. And so your understanding of what authority the Commission may or may not have is not based on any skilled legal --
- A. I provided no testimony nor claim to be an expert around the Commission's jurisdiction.
- Q. Thank you. And, again, could you turn to page 5 of your testimony, your supplemental testimony.
 - A. Yes.

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- Q. At the bottom of page 5 you talk about two different things, and correct me if this is incorrect, you are talking about monitoring and evaluating versus measurement and verification, correct?
- A. Yeah. We -- we monitor -- there is monitoring that is included in programs that you monitor how customers are doing, and so we were just distinguishing the difference between monitoring and measurement and verification.
- Q. And, finally, you talked about -- in response to some questions by Mr. Parram you talked a little bit about the confusion that pertains here today. Could you in your own words just simply describe what the dispute is and why we are here

today.

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A. Well, the dispute really arises that the company made an application. It went through the process of trying to reach a stipulation. It responded directly to comments that were filed by a party OCEA. In OCEA comments that are directly referenced in the stipulation the company referenced that it was going to adopt those modifications to the shared savings as incentive it had proposed.

The company -- after a very drawn-out proceeding, the company filed its compliance tariffs in August of 2012 with the workpapers that were consistent with the application for review that showed that the M&V costs were excluded from the shared savings incentive calculation. There was -- the staff found issues with the original compliance filing.

The company resubmitted it again with corrected workpapers showing EM&V excluded. The staff said -- filed a note saying -- a memo saying that they had reviewed the workpapers and the tariffs and were fine with them. Those were ultimately approved.

The company did the calculation of the shared savings consistent with the approved tariffs

and workpapers as well as the application and nothing had been modified through the stipulation. And then when we filed to do the true-up, parties had an issue with the EM&V expense.

And so as I mentioned earlier, we thought some merit in — in what Witness Scheck had said saying that going forward it should be included, and we're fine with that, but we felt we were in full compliance with the Commission's orders as well as with the stipulation and the order in the proceeding.

MS. WATTS: Thank you. I have nothing further.

DEPUTY DIRECTOR PIRIK: Recross,

Mr. Etter.

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MR. ETTER: No, no recross, your Honor.

DEPUTY DIRECTOR PIRIK: Miss Mooney.

MS. MOONEY: No.

DEPUTY DIRECTOR PIRIK: Mr. Parram.

MR. PARRAM: None, your Honor.

DEPUTY DIRECTOR PIRIK: Thank you very

much, Mr. Duff.

With regard to Company Exhibits 3 and 3A.

MS. WATTS: Yes, your Honor. We would

24 move those into evidence, please.

DEPUTY DIRECTOR PIRIK: Are there any

	26
1	objections?
2	Hearing none they will be admitted into
3	the record.
4	(EXHIBITS ADMITTED INTO EVIDENCE.)
5	DEPUTY DIRECTOR PIRIK: With regard to
6	OCC Exhibit 4.
7	MR. ETTER: Yes. We move OCC Exhibit 4,
8	the stipulation from the 11-4393 case, into the
9	record.
10	DEPUTY DIRECTOR PIRIK: Any objections?
11	OCC Exhibit 4 will be admitted into the
12	record.
13	(EXHIBIT ADMITTED INTO EVIDENCE.)
14	DEPUTY DIRECTOR PIRIK: You can call your
15	next witness.
16	MS. WATTS: Thank you, your Honor. James
17	E. Ziolkowski.
18	
19	JAMES E. ZIOLKOWSKI
20	being first duly sworn, as prescribed by law, was
21	examined and testified as follows:
22	DIRECT EXAMINATION
23	By Ms. Watts:
24	Q. Good morning, sir. Would you state your
25	name and by whom you are employed.

- A. My name is James E. Ziolkowski. I'm employed by Duke Energy Business Services as a rates manager.

 Q. And, Mr. Ziolkowski, do you have before you what's been marked as Duke Energy Ohio Exhibit 2?
 - A. Is that my direct testimony?
 - Q. Yes, it is.
 - A. Yes, I do.
- Q. And is that -- is that, in fact, the testimony you caused to be filed in this proceeding?
 - A. Yes.
- Q. And if I were to ask you the questions contained therein again today, would your responses be the same?
 - A. Yes.
 - Q. Do you have any additions or corrections?
- 17 A. No.

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- MS. WATTS: Mr. Ziolkowski is available for cross-examination.
- 20 DEPUTY DIRECTOR PIRIK: Mr. Etter.
- MR. ETTER: Okay. Thank you, your Honor.

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23 CROSS-EXAMINATION

24 By Mr. Etter:

Q. Good morning, Mr. Ziolkowski. Just a few

questions for you this morning. If you would turn to page 4 of your testimony. There you give a brief description of the shared savings mechanism, correct?

- A. That's correct.
- Q. And you calculated the shared savings mechanism in Attachment JEZ-1; isn't that correct?
 - A. Yes.

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- Q. Did you include the M&V costs as part of the program costs in your calculation?
- A. The M&V costs are kept separate from the -- from the program costs in the calculation.
 - Q. So you did not include the costs?
- A. Well, if you look at Attachment JEZ-1, you will see separate columns for costs. There is a column that's called non-M&V costs and then there is a separate column called M&V costs.
 - Q. And which page of JEZ-1 is that on?
- A. On the copy I am looking at I think that's page 3 of Attachment JEZ-1. If I could see a copy -- the copy that you are looking at, I could probably clarify it.
 - Q. Is it this page?
- A. Yes.
- Q. Okay. Good.
- DEPUTY DIRECTOR PIRIK: Okay. We can't

just say.

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MR. ETTER: I will show it to everyone.

DEPUTY DIRECTOR PIRIK: That's good but the record doesn't reflect. The record needs to reflect exactly what the pages are. I think pages 1 and 2 are numbered. Are there 10 pages to this attachment, I think?

THE WITNESS: Yes. There are 10 pages and so it should be page 3 of 10.

- Q. It's the page that has -- they all have -- it has columns "Impacts," "Shared Savings Calculation (Avoided Cost minus Program Costs) times Sharing Rate," "Cost Recovery," and "Revenue Requirement" as major headings in the columns; is that correct?
 - A. Yes.
- Q. And why didn't you include the M&V costs as part of your calculation for the shared savings mechanism?
- A. In this filing we followed the process that we had used in our -- in the 11-4393 case where the M&V costs were not included in the shared savings calculations. And so that's why we did it in this case. We followed our precedent from the 11-4393 case.

- Q. And by precedent you mean the stipulation in the 4393 case?
- A. No. By precedent I mean the workpapers and the ultimate calculations that were filed in the 11-4393 case.
- Q. But those calculations were based on what was -- what the company deemed to be -- or determined to be consistent with the stipulation in that case; is that correct?
- A. Are you referring to the 43 -- the 4393 case?
 - Q. Yes.

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- A. The calculations and workpapers that we filed in the 4393 case were in my opinion -- we followed the stipulation as we understood it.
- Q. So if the -- if the stipulation requires that the EM&V costs are to be included as part of program costs when calculating shared savings, how would that affect your calculations?
 - A. Would you repeat that question.
- Q. Sure, sure. You excluded EM&V costs from program costs when you made your calculations, correct?
- A. In both the 11-4393 case and in this case, 13-753 case, we did not include in that M&V

costs in the calculation of our shared savings.

- Q. Okay. But if you were to include EM&V costs in your calculations of shared savings, how would that affect your calculations?
- A. Well, that would cause the shared savings amount to go down, and then the percentage of shared savings allowed as incentive would also decrease.
- Q. And how much of that would that decrease be?
- A. Some of the parties filed numbers and it would be in the range -- in the ballpark of \$400,000 would be decreased in the incentive. And Duke Energy Ohio agrees to the numbers that were presented.

MR. ETTER: Okay. That's all the questions I have. Thank you.

DEPUTY DIRECTOR PIRIK: Thank you.

Ms. Mooney.

MS. MOONEY: Nothing further.

DEPUTY DIRECTOR PIRIK: Mr. Parram.

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CROSS-EXAMINATION

By Mr. Parram:

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- Q. Good morning, Mr. Ziolkowski.
- A. Good morning.
 - Q. We have been mentioning the 11-4393 case.

You were -- you filed testimony in that case; is that correct?

A. That's correct.

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- Q. And you actually testified -- not only did you file testimony but you testified in the hearing; is that correct?
 - A. That is correct.

DEPUTY DIRECTOR PIRIK: Mr. Parram, can you pull the microphone a little closer.

MR. PARRAM: Oh, sure, your Honor. I apologize.

Your Honor, I would like to have marked as Staff Exhibit 1 the Direct Testimony of James E. Ziolkowski on behalf of Duke Energy Ohio that was filed in case 11-4393.

DEPUTY DIRECTOR PIRIK: The document is so marked.

18 (EXHIBIT MARKED FOR IDENTIFICATION.)

MR. PARRAM: Your Honor, I apologize.

May I approach the witness?

21 DEPUTY DIRECTOR PIRIK: Yes.

- Q. (By Mr. Parram) Mr. Ziolkowski, do you have Staff Exhibit 1 in front of you?
- 24 A. Yes, I do.
 - Q. And you can take a moment to look at it,

but is this a copy of the testimony that you filed in 4393?

- A. This looks correct.
- Q. And there were a number of attachments that you attached to this testimony. I believe there was JEZ-1 through JEZ-6. Does that look correct?
 - A. Yes.

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- Q. And before each one of the attachments that was attached to your testimony, all of these were either prepared by you or under your direction; is that correct?
 - A. That's correct.
- Q. And I would like to draw your attention to JEZ Attachment 1 first. Do you recognize this?
 - A. Yes, I do.
 - Q. What exactly is it?
- A. JEZ Attachment 1 is a workpaper that shows the calculation of Duke Energy Ohio's proposed EE-PDR recovery rate and there were two general sets of attachments in this testimony. JEZ-1, 2, and, 3 were workpapers that address the situation where -- whereby Duke was not authorized to recover lost distribution revenues. And JEZ-4, 5, and 6 included lost distribution revenues. And this was related to the anticipated filing and approval of a decoupling

rider which was in some form or another in progress at that time or being contemplated.

- Q. And did you prepare JEZ Attachment 1?
- A. Yes. Well, and let me clarify that statement. JEZ Attachment 1 has multiple pages on it and the first page from JEZ Attachment 1 was actually prepared by another group within Duke and I took the results and incorporated them into my rate calculation.
- Q. Okay. Thank you for pointing something out for me. I specifically would like to focus on JEZ Attachment 1, page 1 of 5. And so I believe you just said JEZ Attachment 1, page 1 of 5, was prepared by others?
- A. That's correct. It was prepared by an analytical group within Duke Energy Business Services.
- Q. Okay. And were they under your supervision?
 - A. No.

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- Q. Is JEZ Attachment 1, page 1 of 5, is it accurate?
- A. To the best of my knowledge, it's accurate.
 - Q. Okay. And the calculation -- I'm

Attachment 1, page 1, as it relates to the total portfolio costs and total revenue requirement. Do you see where I'm at on this document?

- A. I believe so, yes.
- Q. In that specific section there is a breakdown of it indicates "Total Avoided Costs,"

 "Program Costs & Overhead," "Shared Savings." They are in the same place. Do you see where I'm at?
 - A. Yes.

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- Q. And on JEZ Attachment 1 it indicates that shared savings program costs and M&V -- or M&V was separate from program costs. Do you see where I am at there?
 - A. Yes.
- Q. And have you reviewed the reply comments that were filed by Duke in this case, being 13-753, and the testimony of Mr. Duff in this case?
 - A. I have read it.
- Q. Okay. Do you understand that it's Mr. Duff's position that according to this attachment this indicates that M&V should be excluded from the shared savings calculation?
 - A. Yes.
 - Q. And when you -- when you adopted this JEZ

Attachment 1 and attached it to your testimony, was it your understanding that EM&V costs should be excluded from shared savings?

A. Yes.

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- Q. And what was your understanding as to why it was excluded?
- A. Well, the -- various discussions that we had did not include M&V costs as part of our shared savings calculation and this is the -- this is the application that was -- that was filed. And this is the path that the company chose to go down in our filing.

And subsequently -- subsequent to our filing during the litigation of the 11-4393 case, we also did not receive any comments about this issue in that case. But this is simply the path that we chose to go down in that filing.

- Q. You indicated that based upon discussions we had, you decided not to include EM&V costs -- EM&V costs into the shared savings calculation. When you say "we," who are you talking about?
- A. Well, I am just talking in general terms. This was the analysis that was provided by our analytical group to us. Program costs are -- were direct costs and the M&V recovery was filed -- was

kept separate in this analysis and this is simply the path that the company chose to go down when we filed it in this -- we presented this as part of my testimony, and it clearly shows that the M&V costs are kept separate but this is simply really the path that we chose, to exclude the M&V costs in the shared savings calculation.

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- Q. When you say "discussions," you were included in these discussions?
- A. Well, just general. We do have -- there were, I recall, periodic meetings, telephone conferences regarding the filing. I don't recall that this topic had any significant discussion. This was the methodology that -- that we decided to go down.
- Q. And when you say "we decided," this is a decision made prior to you attaching this to your testimony and filing it?
- A. Well, there -- I -- I sponsored this testimony, but as I mentioned, there is an analytical group in the company that prepared this -- the document and calculated the avoided costs and lost revenues and prepared this document and -- and, once again, this was simply the methodology that we proposed in 11-4393. In our opinion this complies

with the stipulation, although the stipulation was certainly entered into subsequent to this filing.

This was our proposed methodology.

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- Q. And when the decision was made to exclude EM&V costs from shared savings, what -- what was the rationale for that?
- A. I don't recall a concrete decision that someone made regarding we have to exclude M&V costs, we have to do this, or we have to do that. This is the ultimate decision. M&V costs are -- are sort of overhead costs. Program costs are more the direct costs associated with the programs. And, once again, this is simply the methodology that we decided to go down. We kept the M&V costs separate, and the program costs that are reflected here could be classified more as on direct program costs.
- Q. Can you summarize for me what you just said? Overhead costs are separate from program costs; is that what you just indicated?
- A. Well, as we define it in this filing, the program costs are -- could be classified more as direct program costs; whereas, the measurement and verification costs are -- are -- are separate. They could be classified more as after-the-fact overhead in the costs and so we kept those costs as M&V costs

separate and we chose to define program costs for the calculation of the shared savings calculation as excluding the M&V costs. It is the path we simply chose to go and filed.

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- Q. When you testified in 11-4393, did you know that was the rationale for excluding the M&V costs from shared savings?
- A. I don't recall that this issue really came up when I was testifying in the 4393 case in light of I don't recall that this was even an issue that was addressed in the 4393 case. This was our filing and I don't recall getting cross-examination. It might have happened, but I don't recall this being an issue.
- Q. But you do recall testifying on November 29, 2011, in the 11-4393 case?
 - A. I do recall that, yes.

MR. PARRAM: Your Honor, may I approach the witness?

DEPUTY DIRECTOR PIRIK: Yes.

Q. Mr. Ziolkowski, I have handed you a copy of a transcript of -- a portion of the transcript from the 11-4393 case where you testified, and I have given you specifically the portions where you were under cross-examination. I would like to direct your

attention to page 80 -- first, I would like to draw your attention to page 79. This is a portion of the transcript at lines -- line 16 it indicates -- I apologize, line 14, "Would you tell me again what JEZ Attachment No. 1 shows?

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"Attachment JEZ-1 shows our proposed Rider EE-PDRR cost recovery rate from June 20th filing, and it assumes that we achieve that 7.5 percent incentive rate." Now, you were talking specifically there about Attachment JEZ-1 which we were just discussing, correct?

- A. I believe that's correct.
- Q. I would like to have you jump ahead a couple of pages and go to page 81. And this is discussion -- a discussion regarding Attachment JEZ-1, page 81, starting at line 11, "Question: Looking down the sheet I see that M&V" -- "M&V recovery. What is M&V recovery?

"Measurement and verification.

"And that" -- I apologize. "Question:
Looking down the sheet, I see M&V recovery. What is
M&V recovery?

"Answer: Measurement and verification.

"Question: And that number represents the cost of measuring and verifying compliance?

"Answer: That's my understanding, yes.

"Okay. Can you tell me why that wasn't subtracted from the total avoided costs the same as program costs overhead were?

"I don't have an answer for that. I don't know. This particular schedule was prepared by a number of people that work with the programs and do the avoided costs calculations.

"Well, let me" -- and next question on line 24, "Well, let me ask you the question then, Mr. Ziolkowski. Wouldn't you regard measurement and verification costs to be program costs and overhead?

"On the surface I would, but I don't know what the" difference -- "different distinction" in this is -- "is on this." I apologize. Do you recall testifying to that?

- A. I generally recall this line of questioning --
 - Q. Okay.

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- A. -- from two years.
- Q. When you initially testified in 11-4393, you didn't know why M&V was being excluded from the savings shared calculation; is that correct?
 - A. That's what I testified to.
 - Q. Okay. And so subsequent to your

- testimony in that hearing you learned of another rationale for why it was potentially excluded?
- A. Well, in your line of questioning earlier, you were asking me about my thought processes from two years ago. And really my overall reply is that this was a path that the company chose to go down, and we filed it that way so.
- Q. If you can go back to Staff Exhibit 1. You have an Attachment JEZ-5 which is a proposed rider EE-PDR, energy efficiency and peak demand response recovery rider. I think the rider sheet is 107.1. Do you see where I'm at?
 - A. Yes.

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- Q. And let me ask you a question. Is overhead costs part of administrative costs, or are they synonymous in general? This isn't a question as it relates to the tariff.
- A. Well, overhead costs the term overhead costs and administrative costs are both pretty general terms. And I think you could have administrative costs that could be direct costs classified also as direct program costs and administrative costs as that potentially could be generally classified as overhead costs. In my opinion neither term is very precise.

- Q. I agree. Turning to JEZ Attachment 5, just generally looking at JEZ Attachment 5, this is a tariff sheet which is three pages, correct?
 - A. Correct.

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- Q. And it's broken down into I think four different sections, "Applicability," "Charges,"
 "Filings," and "Service Regulations"; is that correct?
 - A. That's correct.
- Q. I would like to focus on the portion charges which is the second subject area and that's back on page 1 of JEZ Attachment 5. If you go to the second full paragraph in "Charges," starts with "For each twelve month period." Do you see where I'm at?
 - A. Yes.
- Q. The second sentence indicates "Such program costs shall include the cost of planning, developing, implementing, monitoring, and evaluating EE-PDR programs." So program costs in this particular section means monitoring and evaluating the EE-PDR programs, correct?
 - A. Yes.
- Q. And so in this particular section of the charges section of the tariff, program costs is defined in a way that means monitoring and

evaluating.

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- A. Would you repeat that?
- Q. Sure. Based upon the sentence I just read in this particular paragraph in the charges section, program costs means monitoring and evaluating.
- A. Well, we are using some different terminology too and that is I believe that Mr. Duff referred to monitoring, is not the same thing as measurement and evaluating, may not be the same thing as verification either because even as a program is being implemented, it's important to monitor it to make sure that things are being done properly, administered the program is administered properly; whereas, a measurement and verification is a is an after-the-fact activity. So M&V is not necessarily the same as monitoring and evaluation.
- Q. Okay. So does Duke under the EE-PDR rider recover its costs of evaluating and measuring and verifying their programs?
- A. Through our EE-PDR recovery rate we do include in our revenue requirement the M&V cost which is a measuring and verification cost. So we do recover those costs, just simply not included as part of the shared savings calculation.

- Q. Okay. I want to break it apart right now. Right now, I'm just talking about the recovery mechanism, not the shared savings mechanism so for the shared -- for recovery Duke recovers its costs for M&V.
- A. Duke recovers our M&V costs through the $\mbox{EE-PDR}$.
- Q. Okay. And is that considered a program cost?
- A. For the calculation of our shared savings, it's not considered a program cost.
- Q. I am not talking about the shared savings here. I am just talking about for the recovery mechanism.
- A. For our cost recovery mechanism we recover the program costs, and we recover the measuring and verification costs.
 - Q. So --

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- A. So --
- Q. -- is it your testimony the M&V cost is separate and apart from program costs as -- and I am not talking about the shared -- the incentive mechanism right now.
- A. In our -- in our 11-4393 filing and in our current 13-753 filing we include the M&V costs as

part of the program costs for the calculation of those -- of those costs. But, once again, to be clear we exclude M&V in the calculation of shared savings so, and I understand we're not focusing on shared savings, but I feel that I -- we need to be clear about that.

Q. Right.

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- A. And that was the path we chose to go down.
- Q. I think you were very clear. Thank you. So let me just make sure.

MS. WATTS: Mr. Parram, could you speak into the microphone a little bit more.

MR. PARRAM: Sure.

- Q. As it relates to the rider recovery -- and I believe you just indicated the program costs do include M&V costs.
- A. Our rider recovery mechanism allows us to recover the program costs, lost revenues -- lost distribution revenues in some cases, and shared incentive. Using that terminology the program costs include direct program costs, administrative, and M&V. However, the program costs is not -- does not include M&V for the purpose of the shared savings calculation.

And it's really that simple and that was the path we followed in 11-4393 and continued into this case.

- Q. You can go back to JEZ Attachment 5 again. And I would like you to turn to page 2, the second full paragraph. It starts with "The EE-PDR Program Incentive." Do you see where I'm at there?
 - A. Yes.

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- Q. And just generally this, first of all ——
 I apologize. I have to jump way back. JEZ
 Attachment 5 as an attachment to your testimony in
 11-4393 case, this also was a document that was
 prepared by you or on your direction; is that
 correct?
 - A. Yes.
- Q. And was this document actually prepared by you?
- A. Yes, it was. I -- you know, we used other documents as a template but, yes, this was prepared by me.
 - Q. Okay.
- A. I prepared tariffs as a member of the rate department, and I do recall working on this, yes.
 - Q. And, now, on page 2 of JEZ Attachment 5

that second full paragraph, that paragraph is generally talking about program incentive will be calculated; is that correct?

A. Yes.

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- Q. And this paragraph is still within the same larger subject area of "Charges"; is that correct?
 - A. Yes.
- Q. And if you can go down six lines, it is a sentence that starts with "Net resource savings are."

 Do you see where I'm at?
 - A. Yes.
- Q. It says "Net resource savings are defined as program benefits less the costs of the program."

 Now, when you say "costs of the program," is that a different type of program cost than the program costs that you mentioned on page 1 of JEZ Attachment 5?
- A. Well, as we interpret it, it is. It looks like on page 1 of JEZ Attachment 5 we refer to the term of PC for program costs but we don't -- but I don't see that the term PC is used in this -- on page 2.
- Q. Well, is PC program costs or program cost recovery?
 - A. Well, on page 1 PC is defined as program

cost recovery.

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Q. Okay. So when you talk about the general program costs on page 2, is that a different type of program costs than you indicate on page 1 of the tariff?

MS. WATTS: Objection, your Honor. Asked and answered.

DEPUTY DIRECTOR PIRIK: Overruled.

- A. Well, on page 1 of the tariff we are using the term program costs to recover all of our costs, both our direct program costs, general administration of, and measurement and verification. And but on page 2 for a program incentive, once again, the company filed in our 11-4393 case a methodology that's shown, appears in our workpapers that -- excluding measurement and verification. It's a different -- so we are -- if you want to assign a meaning to the term program costs, we -- it is slightly used differently in our filing on page 1 of JEZ-5 versus page 2 of JEZ-5.
- Q. But just by reading the section of the tariff charges, it would appear that program costs on page 1 has the same meaning as program costs and program on page 2, correct?
 - A. Could you repeat that question?

Q. Sure. Understanding that you have indicated that JEZ Attachment 1 indicates the company's understanding of how EM&V costs would be calculated in shared savings incentive, excluding that understanding, your position on that, just reading the "Charges" section of JEZ Attachment 5, program costs on page 1 has a definition that includes monitoring and evaluating -- monitoring and evaluating on page 2, there is costs of program which appears to be the same exact definition.

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MS. WATTS: Objection. Mr. Parram, I think you are misstating Mr. Ziolkowski's testimony as to the definition.

DEPUTY DIRECTOR PIRIK: Mr. Ziolkowski can clarify.

A. The language in this tariff in my opinion could have been written a little bit tighter. We -- on page 2, in the second paragraph on page 2, we -- you know, we wrote into the tariff just a general term of costs of the program. When we made our filing, we -- we made the decision to interpret costs of the program as excluding M&V costs for the shared savings calculation. On page 1 on -- we talk about PC, program costs recovery, and on -- for that purpose we are including measurement and verification

costs because we want to recover those measurement and verification costs as well as the direct costs of the program, so it is simply a methodology that the company chose to file, and in our opinion it was explicit on the workpapers.

- Q. Thank you. And just to be clear when JEZ Attachment 1 was attached to your testimony sponsored by you in 11-4393 and at the time that you filed that, you didn't know the rationale of why that EM&V cost was being excluded from the shared savings incentive calculation?
- A. Well, can you refresh my memory as far as my cross -- cross two years ago in which case I referred that question to Company Witness Duff so, again, I will reiterate that that was the -- from my standpoint that was the path that we chose to go down. That's the path that we filed.

MR. PARRAM: That's all I have, your Honor. Thank you.

DEPUTY DIRECTOR PIRIK: Ms. Watts, redirect?

MS. WATTS: Yes, thank you, your Honor.

If I may have just a moment.

DEPUTY DIRECTOR PIRIK: Yes.

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REDIRECT EXAMINATION

By Ms. Watts:

- Q. Mr. Ziolkowski, turning your attention to Attachment JEZ-1 that was attached to your testimony in the 4393 case.
 - A. Yes, I'm there.
- Q. In tandem with that I'm going to direct your attention generally to the narrative testimony that supports that comes before that. Is it not your purpose in filing testimony in that case to describe explicitly how the rider will be calculated?
- A. That was the purpose of my testimony in that case was -
- Q. And, Mr. Ziolkowski, you work in the rates department of the Duke Energy Ohio, correct?
 - A. Correct.
- Q. And so the way in which the JEZ-1 was set forth was done in cooperation with people from -- people who work in the energy efficiency part of Duke Energy Ohio, correct?
 - A. That's correct.
- Q. And so your purpose with JEZ-1 is to lay out the numbers and the methodology but not necessarily to make evaluations about how that should

be done?

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- A. That's correct.
- Q. And in your -- in your view is that methodology consistent with the stipulation that was reached in 4393?
 - A. In my -- in my view it is.
- Q. And when you filed the supporting documentation in this case, did you again show the calculation of the rider consistent with the stipulation and the documents that were filed in 4393?
 - A. Yes.
- Q. And are you aware of any party that took exception with any of those calculations in 4393?

MR. ETTER: I object, your Honor. She is going far afield from what was delved into on cross in her redirect.

DEPUTY DIRECTOR PIRIK: Yes. You need to sum it up. I think you are going down a different road, but I'll allow this question.

- A. Would you repeat the last question?
- Q. Are you aware of any parties that took exception to your calculations in the 4393 proceeding?
 - A. I'm not aware.

And Mr. Parram asked you questions with 1 Ο. 2 respect to Staff Exhibit 1 which is -- where did it 3 go -- which was again your testimony in the 4393 proceeding and asked you particular questions about 4 the tariff attachment to that --5 6 Α. Yes. 7 Q. -- and the narrative explanation in the tariff about how it's calculated? 8

A. Yes.

- Q. And in your opinion is that calculation -- is that description consistent with what was approved in 4393?
 - A. I do think it's consistent.

MS. WATTS: Thank you. I have nothing further.

16 DEPUTY DIRECTOR PIRIK: Mr. Etter?

MR. ETTER: Yes, yes, thank you, your

Honor.

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20 RECROSS-EXAMINATION

21 By Mr. Etter:

Q. Ms. Watts just referred to the narrative description regarding the program costs. Was that -- I believe it was in JEZ-5; is that correct? Or, excuse me, JEZ-2? Excuse me.

- A. I believe that earlier we were talking about JEZ-5 but JEZ-2 sort of mirrors JEZ-5.
- Q. Okay. And when you discuss program costs in that attachment, it seems like there are two different definitions of two different sets of program costs, one for recovery and one for the incentive mechanism and the shared savings mechanism; is that correct or is that what you believe?
- A. That is the methodology we used in the workpapers.
- Q. So the program costs for recovery include M&V, but the program costs for the shared savings mechanism do not include M&V?
- A. That's the way we interpreted it and, once again, the language in the tariff could have been tightened up, I agree.
- Q. And by including M&V in the program costs for recovery, that benefits the company, does it not?
- A. Well, program costs are costs that the company expends and so we do want to recover those costs and by recovering the costs the company benefits as opposed to not recovering the costs so, yes.
 - Q. Excuse me. I'm sorry, were you finished?
 - A. So, yes.

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Q. So Duke recovers -- collects more from customers if they include the M&V in the program costs recovery, right?

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- A. Duke -- Duke collects more from customers if we -- if we are allowed to recover our measurement and verification costs.
- Q. And by excluding M&V from program costs on the shared saving incentive, Duke also collects more from customers; is that correct?
- A. The rate that causes the recovery rate to go higher, yes.
- Q. So it's sort of a win-win just the way you have interpreted the stipulation for Duke; is that correct?
- MS. WATTS: Objection as to the win-win situation.

DEPUTY DIRECTOR PIRIK: Mr. Ziolkowski can answer the question as he sees fit.

- A. This is the methodology that we filed that's shown explicitly in 4393 case that was approved and in our current 13-753 workpaper filing.
- MR. ETTER: I have nothing further, your
 Honor.
- DEPUTY DIRECTOR PIRIK: Ms. Mooney.
- MS. MOONEY: I have one question.

1 DEPUTY DIRECTOR PIRIK: Can you use your 2 microphone, please. 3 4 CROSS-EXAMINATION 5 By Ms. Mooney: Can you tell me, does it state anywhere 6 7 in any testimony --DEPUTY DIRECTOR PIRIK: Just push it 8 9 again. There you go. 10 Does it state anywhere in any testimony you've filed in this case or in the 4393 case that 11 12 the M&V costs would be treated differently in the rider for recovery versus the shared savings 13 14 calculation? I don't recall addressing that issue in 15 16 either sets of my testimony. 17 MS. MOONEY: Thank you. 18 DEPUTY DIRECTOR PIRIK: Mr. Parram. 19 MR. PARRAM: Nothing, your Honor. 2.0 2.1 EXAMINATION 22 By Deputy Director Pirik: I have one question, maybe a couple of 23 24 questions. Maybe you can answer it in one answer. I know you mentioned several times in your responses to 25

Mr. Parram that — that the information with regard to the M&V were contained in workpapers in the 4393 case. And my question has to do — and you've mentioned a couple of times that the calculation in this case is consistent with what was approved in that case. Were there any exhibits or within the record in that case where those workpapers were submitted for the Commission's review and understanding?

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- A. The workpapers, first off, we had the workpapers that were attachments to my direct testimony in the 4393 case and also during we received approval of the EE-PDR in the summer, 2012. I submitted workpapers in the summer of 2012. Greg Scheck reviewed them. We found an error. I think it was regarding the lost revenue recovery and then we fixed it and then also filed a final set of workpapers and final set of tariffs and they are all out there on the 11-4393 docket in the Docketing Information System.
- Q. So when you are referring to workpapers, you are referring to the attachments to your testimony --
 - A. Yes. They were --
 - Q. -- in 4393 which is Staff Exhibit 1.

- A. Yes. The workpapers I am referring to are revised versions of the Attachment 1, for example, to my testimony.
- Q. And those were submitted as exhibits in 4393?
- A. They were submitted to the Docketing
 Information System. I don't know this is a legal
 issue that I think the attorneys would have to
 address. I don't know if that constitutes being on
 the record or not. To me that's a legal issue so I
 don't know, but they are out there and they can be
 viewed on the Docket Information System right now.
- Q. So what you're saying is the information that that we were trying to understand here as far as what is and what isn't in or out of the calculation is clear by reviewing the attachments to your testimony in 4393 and anything that was filed in that case?
 - A. Yes.

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- DEPUTY DIRECTOR PIRIK: That's all I have. Thank you, Mr. Ziolkowski.
- MS. WATTS: We would move into evidence Duke Energy Ohio Exhibits 2, 3, and 3A, please.
- DEPUTY DIRECTOR PIRIK: I believe we've already admitted 3 and 3A so with regard to Duke

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      Energy Exhibit 2, are there any objections?
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                  Hearing none it will be admitted.
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                  (EXHIBIT ADMITTED INTO EVIDENCE.)
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                  DEPUTY DIRECTOR PIRIK: With regard to
      staff exhibit.
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                  MR. PARRAM: Yes, your Honor. The staff
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      would move for admission into the record of Staff
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      Exhibit 1.
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                  DEPUTY DIRECTOR PIRIK: Are there any
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      objections?
                  Hearing none Staff Exhibit 1 will be
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      admitted into the record.
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                  (EXHIBIT ADMITTED INTO EVIDENCE.)
                  DEPUTY DIRECTOR PIRIK: I think we'll
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      begin our next witness.
                  MS. WATTS: Thank you, your Honor.
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      have no further witnesses and I would note that Duke
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      Energy Ohio has asked to have marked the testimony of
      Ashlie Ossege and Richard G. Stevie and the testimony
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      of Dr. Stevie was waived by the parties. And if I am
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      incorrect in that regard, I am sure they will let me
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      know, but I believe we would like to ask that be
      admitted as well.
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                  DEPUTY DIRECTOR PIRIK: I believe at
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      least informally what I had heard is that the
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intervenors and the staff were waiving cross on Mr. Stevie. Are there any objections to admitting Duke Exhibit 4 and Duke Exhibit 6 to the record without cross? MR. PARRAM: No, your Honor. DEPUTY DIRECTOR PIRIK: Hearing no objections Duke Exhibit 4 and Duke Exhibit 6 will be admitted into the record. (EXHIBITS ADMITTED INTO EVIDENCE.) DEPUTY DIRECTOR PIRIK: I believe there are two other exhibits that have not been admitted which is the application which is Duke Exhibit 1 and the reply comments, Duke Exhibit 5. MS. WATTS: Yes. And may we have those

admitted, your Honor?

DEPUTY DIRECTOR PIRIK: Are there any objections to admitting those to the record?

> Hearing none they will be admitted. (EXHIBITS ADMITTED INTO EVIDENCE.)

DEPUTY DIRECTOR PIRIK: We will go off

the record.

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23 DEPUTY DIRECTOR PIRIK: We'll go back on 24 OCC, would you like to call your witness. record.

(Recess taken.)

MR. ETTER: Thank you, your Honor. OCC

62 1 calls Wilson Gonzalez. 2 WILSON GONZALEZ 3 being first duly sworn, as prescribed by law, was 4 examined and testified as follows: 5 DIRECT EXAMINATION By Mr. Etter: 6 7 Q. Would you state your name and address, 8 please. Wilson Gonzalez, 10 West Broad Street, 9 Α. Columbus, Ohio 43 --10 215. 11 Q. 12 Α. -- 215**.** 13 Q. I have the same problem sometimes. And you are an employee of the Office of the Ohio 14 Consumers' Counsel; is that correct? 15 16 Yes, I am. Α. 17 And what is your position at OCC? Q. I'm a senior energy policy advisor. 18 Α. 19 And are you the same Wilson Gonzalez who 0. 20 submitted direct testimony on behalf of OCC on September 9, 2013, in this case? 2.1 22 Α. Yes, I am. 23 MR. ETTER: May I approach, your Honor? 24 DEPUTY DIRECTOR PIRIK: Yes.

MR. ETTER: I would like to have marked

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      as OCC Exhibit No. 3 the Direct Testimony of Wilson
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     Gonzalez failed on September 9, 2013, in this case.
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                  DEPUTY DIRECTOR PIRIK: The document is
      so marked.
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                  (EXHIBIT MARKED FOR IDENTIFICATION.)
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                  MR. ETTER: Does anybody else need a
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     copy?
                  (By Mr. Etter) And, Mr. Gonzalez, was
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             Q.
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     this the testimony that was prepared by you or on
     your behalf at your direction?
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             Α.
                  Yes, it was.
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             Q.
                  And if I were to ask you the same
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     questions today as you have in your testimony, would
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     you answer them the same way?
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             Α.
                  Yes, I would.
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                  And do you have any changes or additions
             Ο.
17
     to your testimony?
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             Α.
                  No, I do not.
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                  MR. ETTER: Thank you, your Honor.
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     now tender Mr. Gonzalez for cross-examination.
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                  DEPUTY DIRECTOR PIRIK: Do the
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      intervenors or staff have any questions?
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                  MR. PARRAM: No, your Honor.
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                  MS. MOONEY:
                               No questions.
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                  DEPUTY DIRECTOR PIRIK: Ms. Watts.
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MS. WATTS: I do, your Honor, thank you.

CROSS-EXAMINATION

By Ms. Watts:

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- Q. Mr. Gonzalez, were you employed at OCC during the pendency of Duke Energy Ohio Case 11-4393, the portfolio case?
 - A. I thought it was a rider case.
 - Q. I think 11-4393 was -DEPUTY DIRECTOR PIRIK: EL-RDR.
- Q. I'm sorry, I stand corrected. It was a rider proceeding. You evidently knew that so you must have been around then.
- A. Yeah, I think I was or whatever the word you used.
- Q. And were you working with legal counsel during that case in providing input to OCC's position and so forth?
 - A. We had a case team with legal counsel.
- Q. Okay. And when OCEA filed comments in that proceeding, would you have reviewed them?
 - A. Yes.
- Q. Do you happen to have a copy of those with you?
- 24 A. I don't.
- MS. WATTS: May I approach, your Honor?

DEPUTY DIRECTOR PIRIK: Yes. And for the record when you come back, could you please just spell out what OCEA is.

MS. WATTS: I sure will. I'll provide a set for the court reporter.

May we have that document marked as Duke Energy Ohio Exhibit 7?

DEPUTY DIRECTOR PIRIK: The document is marked.

(EXHIBIT MARKED FOR IDENTIFICATION.)

Q. Mr. Gonzalez, would you take a moment to familiarize yourself with that — those comments.

MS. WATTS: Which of us is causing that?

DEPUTY DIRECTOR PIRIK: Try again and

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now.

we'll see if it works.

MS. WATTS: Okay. It is not doing it

DEPUTY DIRECTOR PIRIK: Sometimes if you turn it sideways, speak into it more sideways.

MS. WATTS: Okay.

DEPUTY DIRECTOR PIRIK: So the OCEA you are referring to is Ohio Consumer and Environmental Advocates as noted on the exhibit?

MS. WATTS: Yes, your Honor, that's correct. And on page 1 of those comments there is a

footnote that indicates the members of that group.

DEPUTY DIRECTOR PIRIK: Thank you.

- A. Yeah, I'm ready.
- Q. Are you ready? I just want to make sure you had a chance to familiarize yourself with it.

 Again, if you would look at pages 8 through 11 there is a discussion related to OCEA's recommendations on shared savings incentive; isn't that correct?
 - A. Yes.

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- Q. And would you look at those pages carefully, please, and tell me if you see any specific reference to measurement and verification costs.
- A. While there doesn't appear to be an explicit reference to M&V I would argue when we talk about program costs, we would include like one of the company's -- one of the two definitions the company proffered includes measurement and verification.
 - Q. So --
- A. So in -- if you look at where we describe the shared savings mechanism starting on the bottom of page 8 where we say "A 'shared savings' incentive allows a utility to retain a portion of the net bill savings its programs create for customers." We included program costs.

- Q. Okay. And, again, you reference program costs but there's no specific reference to measurement and verification, correct?
- A. There's no specific reference but as I stated to you, I looked at Exhibit 5 from Mr. -Witness Ziolkowski and I read that tariff to mean program costs include measurement and verification and it includes administrative costs which under the Commission finding and order in the 09-512 case designating M&V protocols, it's clear that administrative costs should be part of program costs.
- Q. Mr. Gonzalez, does 09-512 in any respect address Duke Energy Ohio's shared savings mechanism?
- A. I would say to the extent that it gives the Commission guidance on elements that are incorporated into the shared savings mechanism such as program costs --
 - Q. Okay.

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- A. -- and administrative costs.
- Q. And turning your attention again to the comments that were filed by OCEA, on page 9 there were four recommended changes to what the company had filed; isn't that correct?
 - A. That is correct.
 - Q. And none of those four changes spoke to

the M&V -- the calculation of measurement and verification, correct?

- A. No. There was a concentration on elements that would have a big impact on a shared savings mechanism.
- Q. And, Mr. Gonzalez, at the conclusion of 4393 when the company filed its compliance tariffs at the direction of the Commission, did you review those compliance tariffs?
- A. I believe I reviewed the language of the compliance tariffs, and we had a concern, the same concern I think expressed by staff, and -- and I guess the company refiled. It was on the lost revenue issue.
- Q. Right. And when the company refiled, they addressed that concern, correct?
 - A. Yes.

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- Q. But there was no mention of any concern with respect to the calculation of measurement and verification costs.
- A. We read the tariff, and the tariff says measurement -- administrative costs is part of program costs so why would we challenge it?

MS. WATTS: Your Honor, may I approach?

DEPUTY DIRECTOR PIRIK: Yes.

MS. WATTS: I would like to have marked as Duke Energy Exhibits 8 and 9 the tariff filing submitted by the company on August 22, 2012, and September 4, 2012, in Case No. 11-4393.

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DEPUTY DIRECTOR PIRIK: Duke Exhibit No. 8 will be the one on August 22, 2012, and Duke No. 9 will be the one submitted on September 4, 2012.

(EXHIBITS MARKED FOR IDENTIFICATION.)

- Q. Mr. Gonzalez, are these the documents you reviewed when they were filed?
- A. I believe I've -- did review these documents. But my focus was on the rider definitions, and I'll say my focus was there because as Mr. Ziolkowski mentioned, there was a parallel case dealing with a decoupling mechanism whereby we didn't want to be charged for lost revenues, our class, and I saw the modification that was made in the rate so that was my focus.
- Q. So turning your attention to the document that was filed with the Commission on August 22, looking at the first page is a letter, correct? The first page of that document is a letter?
- A. Hold on. I see page 1 of 6; is that what you are referring to?
 - Q. No, of the group of documents that I just

- handed you, the first page is a letter.
- A. Oh, yes. I thought you meant like the letter A, letter B.
- Q. I'm sorry. And these were documents that you reviewed, and the second page of that group is a calculation of the revenue requirement, correct?
 - A. Yes.

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- Q. And do you see that M&V is set out separately in that calculation?
 - A. Yes.
- Q. But you didn't review that when you looked at the overall filing?
 - A. This filing you're talking about?
- Q. Right. When you reviewed the tariff when it was filed, you didn't notice that particular calculation.
- A. Like I said, I focused in on -- I looked at the -- at the calculation, but I focused on the language in the tariff sheet.
- Q. Okay. And then when the company filed an amended tariff on September 4, again, your focus was the same, you were focused on the one particular issue that you were concerned with; is that correct?
- A. Yes. I would say that based on my understanding of the stipulation, I felt that this

was the part that we needed to review carefully given the changes going on.

- Q. Okay. And you heard Mr. Parram cross-examining Mr. Ziolkowski when he was on the stand; isn't that correct?
 - A. Yes, I was present.
- Q. And did you -- were you present when Mr. Parram asked Mr. Ziolkowski to look at Staff Exhibit 1?
- 10 A. I was here. I don't recall what Exhibit
 11 1 was.
 - Q. Staff Exhibit 1 is Mr. Ziolkowski's testimony, the transcript of his testimony in the 4393 case. Do you recall those questions?
 - A. Yes.

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- Q. Does your counsel have a copy of that to provide to the witness?
- 18 MR. ETTER: The transcript?
- MS. WATTS: No.
- 20 MR. ETTER: No, I don't.
- DEPUTY DIRECTOR PIRIK: Are you talking
 the transcript or his direct testimony? The
 transcript was not marked.
- MS. WATTS: Oh, I apologize. Well, then
 can -- we don't really need to mark it, but I just

want to have the witness have access to it so he can look at it again.

DEPUTY DIRECTOR PIRIK: The direct testimony?

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clear.

MS. WATTS: The transcript.

DEPUTY DIRECTOR PIRIK: The transcript.

You can but if you go much more into what -
Mr. Parram was really doing it to refresh

recollection is my understanding of it so if you go

and are asking direct questions, then we are going to

have to mark it so that the record in this case is

MS. WATTS: Okay.

DEPUTY DIRECTOR PIRIK: Are you intending to ask more direct questions?

MS. WATTS: I would like to ask the witness two or three questions about the testimony in the 4393 proceeding. I might be able to do it -- let me ask him without the document, and if he feels uncomfortable with that, we can do it otherwise.

DEPUTY DIRECTOR PIRIK: Okay.

Q. (By Ms. Watts) Mr. Gonzalez, you recall that Mr. Parram asked Mr. Ziolkowski about his testimony in that proceeding. And do you recall that Mr. Boehm in that proceeding questioned

Mr. Ziolkowski about the way in which the shared savings was calculated?

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MR. PARRAM: Your Honor, just I am going to object to the foundation of Mr. Wilson hasn't necessarily testified that he was in that proceeding. It's just a foundation question.

DEPUTY DIRECTOR PIRIK: Yeah, I agree.

Could you turn your microphone on.

I think you need to lay some stronger foundation if you are going to be asking questions about cross-examination in another proceeding.

MS. WATTS: Okay. I will be happy to do that.

- Q. (By Ms. Watts) Mr. Gonzalez, you indicated you were at OCC and had some responsibility in working with the team on the 11-4393 case, correct?
 - A. That's correct.
- Q. And did you sit through the hearing in that proceeding?
- A. I would say maybe 50 percent of it. I was in and out.
- Q. Were you present for Mr. Ziolkowski's testimony in that proceeding?
- A. I don't recall. I recall Tim Duff and I

recall staff and I recall Dylan Sullivan with NRDC, but I was in and out that day.

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- Q. So are you aware of -- did you have any participation in assisting counsel to write their briefs in that proceeding?
 - A. I usually read a draft of the brief.
- Q. And do you recall any -- at any time the issue of M&V being raised in that brief?
 - A. I don't recall at this time.

MS. WATTS: I have nothing further, your Honor.

DEPUTY DIRECTOR PIRIK: Thank you. Do you have any redirect?

MR. ETTER: No redirect, your Honor.

DEPUTY DIRECTOR PIRIK: Thank you.

THE WITNESS: Thank you.

DEPUTY DIRECTOR PIRIK: At this time I would also ask that OCC mark the comments and their objections.

MR. ETTER: Thank you, your Honor.

That's exactly what I was planning to do but I will

do it at your direction. OCC would like to move into

evidence the Direct Testimony of Wilson Gonzalez

Exhibit No. 3 as well as the objections filed by OCC

on April 29, 2013, as OCC Exhibit No. 1 and OCC's

75 comments filed on July 1, 2013, as OCC Exhibit No. 2. 1 2 DEPUTY DIRECTOR PIRIK: Those documents are so marked. 3 4 (EXHIBITS MARKED FOR IDENTIFICATION.) 5 DEPUTY DIRECTOR PIRIK: Are there any 6 objections to OCC Exhibits 1, 2, and 3? 7 MS. WATTS: No objections. DEPUTY DIRECTOR PIRIK: The documents 8 will be admitted into evidence. 9 10 (EXHIBITS ADMITTED INTO EVIDENCE.) DEPUTY DIRECTOR PIRIK: 11 12 MS. MOONEY: Yes. OPAE would call its 13 witness David C. Rinebolt. 14 (Witness sworn.) MS. MOONEY: Your Honor, I would like to 15 16 have marked as OPAE Exhibit 1 the late-filed Direct 17 Testimony of David C. Rinebolt that was filed on 18 October 1, 2013, and in that testimony Mr. Rinebolt 19 is adopting the testimony of Stacia Harper that was 20 filed on September 9, 2013. And I would like to have 2.1 the Direct Testimony of Stacia Harper marked as OPAE 22 Exhibit 2. I also have made new copies of her 23 24 testimony with line numbers on the pages because in

the original testimony that was filed it didn't have

any line numbers, and I have distributed the testimony to -- the only change is that it has line numbers on the pages so I'll give a copy -- but I would just like it to be marked as OPAE Exhibit 2.

DEPUTY DIRECTOR PIRIK: Yes. We'll mark the lined copy as the exhibit.

(EXHIBITS MARKED FOR IDENTIFICATION.)

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DAVID C. RINEBOLT

being first duly sworn, as prescribed by law, was examined and testified as follows:

DIRECT EXAMINATION

By Ms. Mooney:

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- Q. And, Mr. Rinebolt, do you have before you what has been marked as OPAE Exhibit 1 which is your late-filed direct testimony and OPAE Exhibit 2 which is the Direct Testimony of Stacia Harper?
- A. I do have OPAE Exhibit 2. I do not have a copy of OPAE 1 in front of me. Got to be truthful.
- Q. Okay. Now, you have a copy of both OPAE 1 and 2? Okay.
 - A. Yes, I do.
- Q. And as far as OPAE Exhibit 1, this is your late-filed testimony?
 - A. Yes, it is.

- Q. And do you have any additions or corrections to your late-filed testimony?

 A. I do not.

 O. And with regard to the Direct Te
- Q. And with regard to the Direct Testimony of Stacia Harper that you are adopting which is OPAE Exhibit 2, have you reviewed this document, or this OPAE Exhibit 2, the Direct Testimony of Stacia Harper?
- A. Yes, I have. I was part of the case team, and I've reviewed it extensively.
- Q. And you assisted Miss Harper in preparation of the testimony --
 - A. I did.

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- Q. -- before it was filed? Okay. And do you have any additions or corrections to what is now your testimony which was the Direct Testimony of Stacia Harper?
- A. Other than the inclusion of the lines in the testimony, no, I do not.
- MS. MOONEY: Okay. Your Honor,

 Mr. Rinebolt is available for cross-examination.
- DEPUTY DIRECTOR PIRIK: Thank you.
- 23 Mr. Etter.
- MR. ETTER: No questions, your Honor.
- DEPUTY DIRECTOR PIRIK: Mr. Parram.

78 MR. PARRAM: No questions, your Honor. 1 2 DEPUTY DIRECTOR PIRIK: Ms. Watts. 3 MS. WATTS: Thank you, your Honor. 4 5 CROSS-EXAMINATION 6 By Ms. Watts: 7 Q. Mr. Rinebolt, OPAE was not a participant with OCEA in Duke Energy Ohio Case 11-4393-EL-RDR, 8 9 correct? 10 Α. That is correct. But OPAE was, in fact, an intervenor in 11 Ο. 12 that proceeding; is that correct? 13 Α. Yes, it was. And you were serving in your present 14 position with OPAE during the time of that 15 16 proceeding, correct? 17 Α. I was executive director and counsel of 18 OPAE at that time. And so are you generally aware of the 19 20 position that was advocated on behalf of OPAE in that 2.1 proceeding? 22 A. I was not counsel of record in that 23 proceeding, but I was part of the very small case team that we have at OPAE and did -- was involved in 24

the preparation of the documents in those cases.

- Q. And so what is that very small case team that you referred to?
- A. At that time the employees were myself and Colleen Mooney.
- Q. Thank you. At the conclusion of the 11-4393-EL-RDR proceeding Duke Energy Ohio filed tariffs to comply with the Commission's directive to do so. Are you aware of that?
- A. I'm not specifically aware -- well, I have since become aware that you filed tariffs.
- Q. But is it your testimony that you were not aware of that at the time they were filed?
- A. No. Traditionally utilities file tariffs. Traditionally we do not review them.
- Q. And so is it your testimony you actually did not review the tariffs that were filed at the conclusion of that proceeding, 11-4393-EL-RDR?
- A. Not at the time they were filed.

MS. WATTS: Thank you. I have nothing further, your Honor.

And thank you, Mr. Rinebolt, for coming today.

DEPUTY DIRECTOR PIRIK: Any redirect?

MS. MOONEY: Oh, no, your Honor.

DEPUTY DIRECTOR PIRIK: No? Thank you,

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1	Mr. Rinebolt.
2	THE WITNESS: Thank you.
3	DEPUTY DIRECTOR PIRIK: Would OPAE also
4	like to mark OPAE objections?
5	MS. MOONEY: Yes, your Honor. OPAE filed
6	objections on July 1, 2013, and we would like our
7	objections to be marked as OPAE Exhibit 3.
8	DEPUTY DIRECTOR PIRIK: The document is
9	so marked.
10	(EXHIBIT MARKED FOR IDENTIFICATION.)
11	MS. MOONEY: And then I would move for
12	the admission of OPAE Exhibits 1, 2, and 3.
13	DEPUTY DIRECTOR PIRIK: Are there any
14	objections?
15	MS. WATTS: No objections, your Honor.
16	DEPUTY DIRECTOR PIRIK: Hearing none they
17	will be admitted into the record.
18	(EXHIBITS ADMITTED INTO EVIDENCE.)
19	DEPUTY DIRECTOR PIRIK: Mr. Parram.
20	MR. PARRAM: Yes, your Honor. I would
21	like to call Staff Witness Gregory Scheck to the
22	stand.
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GREGORY C. SCHECK

being first duly sworn, as prescribed by law, was examined and testified as follows:

DIRECT EXAMINATION

By Mr. Parram:

- Q. Would you please state your name for the record.
 - A. My name is Gregory C. Scheck.
 - Q. And by whom are you employed?
- A. I'm employed by the Public Utilities
 Commission of Ohio.
 - Q. And what is your position at the PUCO?
- A. I am a utilities specialist in the energy efficiency and renewables division of the energy and environment department.
- Q. Do you have a document in front of you marked -- I apologize.
- MR. PARRAM: Your Honor, I would like to have marked for purposes of identification Staff Exhibit 2 which is the prepared testimony of Gregory C. Scheck.
- DEPUTY DIRECTOR PIRIK: The document is so marked.
- 25 (EXHIBIT MARKED FOR IDENTIFICATION.)

- DEPUTY DIRECTOR PIRIK: Could you turn your microphone on, please.
 - Q. Mr. Scheck, do you have Staff Exhibit 2 in front of you?
 - A. Yes, I do.
 - Q. And did you prepare Staff Exhibit 2?
 - A. Yes, I did.
 - Q. And you filed it in this case?
 - A. Yes, I did.
- Q. And did you answer the questions within Staff Exhibit 2 honestly and to the best of your ability?
- 13 A. Yes.

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- Q. And do you have any changes to Staff
 Exhibit 2 today?
- 16 A. No.
- MR. PARRAM: Your Honor, I move for the admission of Staff Exhibit 2 and tender Mr. Scheck for cross.
- DEPUTY DIRECTOR PIRIK: Thank you. Do the intervenors have any questions?
- MR. ETTER: No questions, your Honor.
- MS. MOONEY: No questions, your Honor.
- DEPUTY DIRECTOR PIRIK: Ms. Watts.
- MS. WATTS: Thank you, your Honor.

83 1 2 CROSS-EXAMINATION 3 By Ms. Watts: Good morning, Mr. Scheck. 4 Q. 5 Α. Good morning. MS. WATTS: May I approach, your Honor? 6 7 Yes. Actually it's afternoon now. Α. Is it really? 8 Q. 9 MS. WATTS: Your Honor, may we have this marked as Duke Energy Ohio Exhibit 9? 10 DEPUTY DIRECTOR PIRIK: I think it's 10. 11 12 MS. WATTS: 10? Somewhere I lost track. 13 DEPUTY DIRECTOR PIRIK: It will be marked as Duke Exhibit 10. 14 (EXHIBIT MARKED FOR IDENTIFICATION.) 15 16 MS. WATTS: Thank you. (By Ms. Watts) Mr. Scheck, let me know 17 Q. 18 when you're ready. 19 I'm ready. Α. 20 Thank you. Mr. Scheck, were you Q. Okay. 2.1 employed at the Commission during the pendency of 22 Duke Energy Ohio's 11-4393-EL-RDR? 23 Α. Yes. 24 And did you have some staff 25 responsibilities in respect to that case?

A. Yes.

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- Q. And at the conclusion of that case, are you aware that the company filed tariffs in compliance with the Commission's directive?
 - A. Yes.
 - Q. And did you review those tariffs?
 - A. Yes, I did.
- Q. And do you have before you what's been marked as Duke Energy Ohio Exhibit 10?
 - A. Are you referring to the letter --
- 11 Q. Yes.
- 12 A. -- that you just passed around?
- 13 Q. Yes.
- 14 A. Yes, I do.
 - Q. And in that letter is -- first of all, did you have some responsibility for participating in this letter?
 - A. Yes. I had conversations with Company Witness Jim Ziolkowski about the tariff.
 - Q. Okay. And you reviewed both tariff filings, the one that was filed in August and the one that was filed in September?
- A. I think my recollection is that is correct.
 - Q. When you drafted this letter -- I'm going

to characterize this letter, and you tell me if I am characterizing incorrectly. Essentially the letter states that you have reviewed the tariffs, and they are in compliance with what your understanding was resulting from the case.

A. Yes.

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- Q. Okay. And there's no mention in there with respect to a miscalculation of measurement and verification, correct?
 - A. No, not that I directly see.
- Q. And, Mr. Scheck, when you reviewed those tariffs and filed this letter, did you have any concerns about the way in which the company was calculating shared savings at the time?
- A. Yes, to an extent even though I thought the tariff had cleared up the issue but apparently not. Going back to -- I have a copy of the tariff in front of me, and it gets back to the definition of what a monitoring evaluation means. And when I saw that in program costs, I thought that referred to EM&V, especially the word evaluation or evaluating. Evaluation is something usually after the fact, and you have typically two kinds of evaluation. One is a process which probably would be done in the context of monitoring or maybe in realtime with corrections

made later. And then evaluation is typically impact evaluation done after the fact. Evaluation by measurement and verification is generally how it's referred to.

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- Q. So you agree then that there are two kinds of evaluations that can occur with respect to energy efficiency programs.
- A. Yes. But in the context of what's written here you have monitoring already in the wording so I inferred, didn't really follow up, inferred monitoring to mean process evaluation and evaluating meaning the after-the-fact impact evaluation. But it doesn't appear based on the company witnesses that's what they meant, but typically when I've seen definitions, for instance, for shared savings mechanisms, the -- the EM&V is included as part of the total cost and not considered something separate or indirect because in the absence of doing an energy efficiency program you would not have impact -- measurement and verification of those programs because it wouldn't be necessary.

So it's a necessary condition in order to do energy efficiency programs and receive recovery that you have those particular programs evaluated; and, therefore, I've always considered them to be

inclusive of all the program costs and not exclusive of them. And in that vein they should be included in terms of calculating the shared savings mechanism.

- Q. I appreciate, Mr. Scheck, your testimony with respect to what typically occurs. Your letter indicates that you reviewed the tariffs that were filed, correct?
 - A. Yes.

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- Q. And would you agree with me that in the application submitted by -- or the tariff filings that the company submitted, Mr. Ziolkowski clearly sets forth calculations that show M&V calculated separately with respect to shared savings.
 - A. Yes, he does show that in an attachment.
- Q. And is it fair to say you just overlooked that?
- A. I would say that's a fair statement. I think at the time I was more concerned about other issues that arose out of the SAW rider case, especially dealing with the terminology lost margin and having that corrected in which some language was still missing referring to the recovery of lost revenue that only referred to lost distribution revenue.

And then on top of that we had a

decoupling mechanism being applied to residential customers and I believe one of the commercial class and that had to be straightened out as well so those were larger overriding concerns. I did see that particular calculation in his attachment, but then I saw this other language in the tariff, and to me I thought, well, are they correcting the tariff to mean something that I thought it should mean or — or is it some other thing? And I didn't really follow up on that, to say the least.

- Q. I appreciate that. Would you agree with me then as a matter of pure mathematics the application in this proceeding is entirely consistent with the way in which the calculations were shown by Mr. Ziolkowski in the tariffs that were filed subsequent to that case?
- A. Yeah. The particular attachment reflects -- the rider in this case reflects the same with the numbers included as the same attachment I believe is JEZ-1 or 2 of the original 4393 case.

 It's just a matter of filling in the numbers.

 MS. WATTS: I have nothing further, your
- DEPUTY DIRECTOR PIRIK: Thank you.

Thank you.

25 | Redirect?

Honor.

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89 MR. PARRAM: A couple of questions, your 1 2 Honor. 3 4 REDIRECT EXAMINATION 5 By Mr. Parram: Ms. Watts asked you about Duke Energy 6 7 Exhibit 10 which is a letter. It indicates you have -- I believe summarized that you have reviewed 8 the tariffs from the 11-4393 case; is that? 9 10 Α. Yes. Do you have a copy of Staff Exhibit 1 up 11 Ο. 12 there which would be the testimony of Jim Ziolkowski? 13 Α. No, I don't have his testimony in front of me. 14 Well, actually look at your testimony. 15 Q. 16 Α. Okay. 17 Q. It should be an attachment to your 18 testimony. It's Attachment GCS-1. 19 Α. Yes. 20 And Attachment GCS-1 is a version of the Q. 2.1 tariffs that you reviewed in 11-4393 which was the 22 issue -- at issue in the letter on Duke Exhibit 10, and Attachment GCS-1 in this tariff you -- you have 23 24 reviewed this tariff before, correct, Attachment

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GCS-1?

A. Yes, yes, I have.

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- Q. Okay. And in this tariff does it specifically state that for calculating the program incentive that program costs exclude EM&V?
 - A. No, it doesn't explicitly say that.
- Q. Okay. And is there anything in Attachment GCS-1 that indicates the program costs would include evaluating and monitoring the programs?
- A. Yes. As I testified earlier, there are four sections in the tariff. This basically is the "Charges" section or part 2. There is a definition of program costs recovery or PC that is in the -- I guess the second paragraph under "Charges" after the mathematical calculation. And then it says basically "Such program costs shall include the cost of planning, developing, implementing, and" then the key words to me "monitoring and evaluating the EE-PDR programs."

And then subsequent to that you go on the next page, I don't know what page they are in the particular tariffs, but the next page on the tariff under "Charges" continued second paragraph, the definition of the cost of the program, I took that to mean the same as program costs recovery, PC, on the first page, to mean the same as the cost of the

program under the sentence "Net resource savings are defined as program benefits less the costs of the program, where program benefits will be calculated on the basis of the present value of the Company's avoided costs over the expected life of the program, and will include both capacity and energy savings."

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So the term or the phrase the cost of the program I attribute to mean the same thing on the first page program costs recovery defined as those five elements including monitoring, evaluating the EE-PDR programs.

Q. Thank you, Mr. Scheck. Just one more question. Ms. Watts actually questioned about I believe the term was mathematically, if JEZ-1 that was filed in case 11-4393 is mathematically consistent or the same as the attachment that Mr. Ziolkowski has attached to his testimony in this case, 13-753, which shows how the program costs and the shared savings would be calculated. And you indicated you believe that it's consistent, that Duke believes that they should be excluding M&V costs from the shared savings.

Do you agree that it is the correct way to calculate shared savings to exclude M&V costs?

A. No, I don't.

1 MR. PARRAM: That's all I have, your

2 Honor.

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DEPUTY DIRECTOR PIRIK: Thank you. Is there any recross?

MR. ETTER: No, none, your Honor.

MS. MOONEY: No.

MS. WATTS: Yes, your Honor, thank you.

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RECROSS-EXAMINATION

By Ms. Watts:

Q. Just one quick question. Mr. Parram asked you if you believe that M&V costs should be included with program costs as a matter of policy, I believe.

A. Yes. In general I believe M&V, I think this is something I learned today in Tim Duff's cross-examination, that the company treats those as indirect costs or exclusive evaluating programs, whereas, I believe M&V should be inclusive of program costs when you evaluate them ex anti to see if they actually pass a total resource cost or utility cost test simply because if you have programs that are on the margin, say they clear by a very small percentage, and then if you include the EM&V costs as part of the program costs, they may not be cost

effective.

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Therefore, I think it's more important to include those costs going forward in terms of evaluating the programs to see if all of the programs, especially those that are marginal, would be cost effective when you include the EM&V because in the absence of not doing energy efficiency, you would not have EM&V costs associated with energy efficiency so there are — this should be part of the total program costs.

- Q. Thank you, Mr. Scheck. I appreciate that. That position or those views were not in any respect raised in the 11-4393 case, correct?
 - A. No, not that I'm aware of.

MS. WATTS: Thank you. Nothing further.

DEPUTY DIRECTOR PIRIK: Thank you,

Mr. Scheck.

With regard to would staff like to mark their comments that were filed on July 1?

MR. PARRAM: Yes, your Honor. I'll have those comments that were filed on July 1 on behalf of staff marked as Staff Exhibit 3.

DEPUTY DIRECTOR PIRIK: The document is marked.

(EXHIBIT MARKED FOR IDENTIFICATION.)

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MR. PARRAM: Then I would like to move
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     for the admission of Staff Exhibit 2, the testimony
3
     of Mr. Scheck.
4
                 DEPUTY DIRECTOR PIRIK: And 3? Both of
5
     them? You are moving admission of those exhibits?
                  MR. PARRAM: I apologize. I thought 3
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7
     was the comments. Yeah, move for the admission of 3.
                  DEPUTY DIRECTOR PIRIK: Are there any
8
     objections to Staff Exhibits 2 and 3?
9
10
                  MS. WATTS: No objections, your Honor.
                  DEPUTY DIRECTOR PIRIK: The documents are
11
     admitted into the record.
12
13
                  (EXHIBITS ADMITTED INTO EVIDENCE.)
14
                  DEPUTY DIRECTOR PIRIK: With regard to
     company -- I don't know that we admitted Company
15
16
     Exhibits 7, 8, and 9.
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                  MS. WATTS: I would ask that they be
18
     admitted.
19
                 DEPUTY DIRECTOR PIRIK: And Company
20
     Exhibit 10?
2.1
                  MS. WATTS: And 10.
22
                  DEPUTY DIRECTOR PIRIK: Are there any
     objections to those four documents being admitted?
23
24
                  Hearing none they will be admitted into
25
     the record.
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(EXHIBITS ADMITTED INTO EVIDENCE.)

DEPUTY DIRECTOR PIRIK: I believe that concludes all the witnesses. I believe we've marked all of the exhibits and admitted them.

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Is there anything else for the record before we close the record?

Hearing none the record will be submitted to the Commission for their consideration. Thank you.

(Discussion off the record.)

DEPUTY DIRECTOR PIRIK: After discussions off the record, there was voiced a request to have a briefing schedule. We will have initial briefs due on November 7, 2013, and if those could be e-mailed to all of the parties for service, that would be appropriate.

And then reply briefs will be due on November 14, 2013. Now the record will be closed unless there is anything further.

MR. PARRAM: Page limitation or time limitation?

DEPUTY DIRECTOR PIRIK: I did not put a specific page limitation. I mean, I would hope that they wouldn't be any longer than 10 pages to be honest with you. I think that would be -- and that

would be double spaced. I say that because there is one utility in the gas sector that does everything single spaced. MR. ETTER: And what type? Size? DEPUTY DIRECTOR PIRIK: Okay. We will close the record for today and submit it to the Commission. (Thereupon, the hearing was concluded at 12:28 p.m.)

CERTIFICATE I do hereby certify that the foregoing is a true and correct transcript of the proceedings taken by me in this matter on Thursday, October 3, 2013, and carefully compared with my original stenographic notes. Karen Sue Gibson, Registered Merit Reporter. (KSG-5765)

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Case No(s). 13-0753-EL-RDR

Summary: Transcript in the matter of Duke Energy Ohio, Inc. hearing held on 10/03/13 electronically filed by Mrs. Jennifer Duffer on behalf of Armstrong & Okey, Inc. and Gibson, Karen Sue Mrs.