BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the : Application of Ohio Power:

Company for an Increase in: Case No. 20-585-EL-AIR

Electric Distribution Rates.

In the Matter of the Application of Ohio Power:

Company for Tariff : Case No. 20-586-EL-ATA

Approval.

In the Matter of the Application of Ohio Power:

Company for Approval to : Case No. 20-587-EL-AAM

Change Accounting Methods.:

PROCEEDINGS

before Ms. Greta See and Ms. Sarah Parrot, Attorney Examiners, at the Public Utilities Commission of Ohio, via Webex, called at 9:00 a.m. on Tuesday, May 18, 2021.

VOLUME V

ARMSTRONG & OKEY, INC. 222 East Town Street, Second Floor Columbus, Ohio 43215-5201 (614) 224-9481 - (800) 223-9481

```
903
 1
     APPEARANCES:
 2
            American Electric Power
            By Mr. Steven T. Nourse,
 3
            Ms. Christen M. Blend,
            and Mr. Tanner S. Wolffram
            1 Riverside Plaza, 29th Floor
 4
            Columbus, Ohio 43215
 5
            Porter Wright Morris & Arthur, LLP
 6
            By Mr. Eric B. Gallon
            41 South High Street, 29th Floor
 7
            Columbus, Ohio 43215
 8
            Ice Miller, LLP
            By Mr. Christopher L. Miller
 9
            250 West Street, Suite 700
            Columbus, Ohio 43215
10
                 On behalf of Ohio Power Company.
11
            Bruce J. Weston, Ohio Consumers' Counsel
12
            By Ms. Angela O'Brien,
            Mr. Christopher Healey,
13
            and Mr. John Finnigan,
            Assistant Consumers' Counsel
14
            65 East State Street, 7th Floor
            Columbus, Ohio 43215
15
                 On behalf of the Residential Customers of
16
                 Ohio Power Company.
            Kegler, Brown, Hill & Ritter Co., LPA
17
            By Mr. Robert Dove
18
            65 East State Street, Suite 1800
            Columbus, Ohio 43215
19
                 On behalf of Ohio Partners for Affordable
20
                 Energy and Natural Resources Defense
                 Council.
21
            Carpenter Lipps & Leland LLP
22
            By Ms. Angela Paul Whitfield
            280 North High Street, Suite 1300
23
            Columbus, Ohio 43215
24
                 On behalf of The Kroger Company.
25
```

```
904
 1
     APPEARANCES: (Continued)
            Carpenter Lipps & Leland LLP
            By Ms. Kimberly W. Bojko
 3
            and Mr. Thomas V. Donadio
            280 North High Street, Suite 1300
 4
            Columbus, Ohio 43215
 5
                 On behalf of the Ohio Manufacturers'
                 Association Energy Group.
 6
            Dickinson Wright PLLC
 7
            By Ms. Madeline Fleisher
            and Mr. Matthew C. McDonnell
 8
            150 East Gay Street, Suite 2400
            Columbus, Ohio 43215
 9
                 On behalf of Clean Fuels Ohio.
10
            Dickinson Wright PLLC
11
            By Ms. Madeline Fleisher
            150 East Gay Street, Suite 2400
12
            Columbus, Ohio 43215
13
                 On behalf of Zeco Systems, Inc. d/b/a
                 Greenlots.
14
            The Ohio Environmental Council
15
            By Ms. Miranda R. Leppla,
            Mr. Trent A. Dougherty,
16
            and Mr. Christopher D. Tavenor
            1145 Chesapeake Avenue, Suite I
17
            Columbus, Ohio 43215
                 On behalf of The Ohio Environmental
18
                 Council.
19
            Dave Yost, Ohio Attorney General
2.0
            Mr. John Jones, Section Chief
            By Mr. Werner L. Margard, III,
2.1
            Mr. Thomas Shepherd,
            and Ms. Kyle Kern,
22
            Assistant Attorneys General
            Public Utilities Section
23
            30 East Broad Street, 16th Floor
            Columbus, Ohio 43215
24
                 On behalf of the Staff of the PUCO.
25
```

```
905
 1
     APPEARANCES:
                  (Continued)
 2
            Environmental Law & Policy Center
            By Mr. Robert Kelter
 3
            And Ms. Caroline Cox
            21 West Broad Street, Suite 800
            Columbus, Ohio 43215
 4
 5
                 On behalf of the Environmental Law &
                 Policy Center.
 6
            McNees, Wallace & Nurick LLC
            By Ms. Rebekah J. Glover,
 7
            Mr. Matthew R. Pritchard,
 8
            and Mr. Bryce A. McKenney
            21 East State Street, 17th Floor
 9
            Columbus, Ohio 43215
10
                 On behalf of Industrial Energy
                 Users-Ohio.
11
            Boehm, Kurtz & Lowry
12
            By Mr. Michael L. Kurtz,
            Ms. Jody Kyler Cohn,
            and Mr. Kurt J. Boehm
13
            36 East Seventh Street, Suite 1510
14
            Cincinnati, Ohio 45202
15
                 On behalf of Ohio Energy Group.
16
            Whitt Sturtevant, LLP
            By Mr. Mark A. Whitt
17
            and Mr. Lucas A. Fykes
            The KeyBank Building, Suite 1590
18
            88 East Broad Street
            Columbus, Ohio 43215
19
                 On behalf of Direct Energy Business, LLC,
20
                 and Direct Energy Services, LLC.
21
            Bricker & Eckler, LLP
            By Mr. Devin D. Parram
22
            and Ms. Rachael N. Mains
            100 South Third Street
23
            Columbus, Ohio 43215-4291
2.4
                 On behalf of The Ohio Hospital
                 Association.
25
```

```
906
 1
     APPEARANCES: (Continued)
 2
            IGS Energy
            By Ms. Bethany Allen,
 3
            Mr. Joseph Oliker,
            Mr. Michael A. Nugent,
 4
            and Mr. Evan Betterton,
            6100 Emerald Parkway
 5
            Dublin, Ohio 43016
 6
            Mr. Frank P. Darr
            6800 Linbrook Boulevard
 7
            Columbus, Ohio 43235
 8
                 On behalf of Interstate Gas Supply, Inc.
 9
            Vorys, Sater, Seymour & Pease, LLP
            By Mr. Michael J. Settineri
10
            and Mr. Elia O. Woyt
            52 East Gay Street
11
            P.O. Box 1008
            Columbus, Ohio 43216-1008
12
                 On behalf of Nationwide Energy Partners,
13
                 T.T.C.
14
            Vorys, Sater, Seymour & Pease, LLP
            By Mr. Michael J. Settineri
15
            and Mr. Elia O. Woyt
            52 East Gay Street
16
            P.O. Box 1008
            Columbus, Ohio 43216-1008
17
                 On behalf of Armada Power, LLC.
18
            Bricker & Eckler, LLP
19
            By Mr. Dylan F. Borchers
            100 South Third Street
20
            Columbus, Ohio 43215-4291
2.1
                  On behalf of ChargePoint, Inc.
22
            Keyes & Fox LLP
            By Mr. Jacob Schlesinger
23
            1580 Lincoln Street, Suite 1105
            Denver, Colorado 80203
2.4
                 On behalf of EVgo Services LLC.
25
```

	005
	907
and Mr. Matthew W. Warnock	
Columbus, Ohio 43215-4291	
One Energy Enterprises LLC	
12385 Township Road 215 Findlay, Ohio 45840	
On behalf of One Energy Enterprises	
By Ms. Carrie H. Grundmann	
Winston-Salem, North Carolina 27103	
On behalf of Walmart, Inc.	
	100 South Third Street Columbus, Ohio 43215-4291 One Energy Enterprises LLC By Ms. Katie Johnson Treadway 12385 Township Road 215 Findlay, Ohio 45840 On behalf of One Energy Enterprises. Spilman Thomas & Battle, PLLC By Ms. Carrie H. Grundmann 110 Oakwood Drive, Suite 500 Winston-Salem, North Carolina 27103

				908	
1		INDEX			
2					
3	ITIW	IESSES		PAGE	
4		F. Williams			
5	Cı	ross-Examination by Mr. Kelter ross-Examination by Ms. Leppla ross-Examination by Mr. Darr		919 944 964	
6	Cı Cı	986 989			
7	Togg	anh Haugan			
8	D	eph Haugen Trect Examination by Ms. Allen Toss-Examination by Ms. Bojko		1006 1015	
9	Cı	ross-Examination by Mr. Gallon ross-Examination by Ms. Cohn		1017 1034	
10		_			
11	Frank Lacey Direct Examination by Mr. Oliker Cross-Examination by Mr. Healey 10				
12	Cross-Examination by Mr. Nourse Redirect Examination by Mr. Oliker				
13		ecross-Examination by Mr. Nours		1150	
14					
15	AEP	EXHIBITS	IDENTIFIED	ADMITTED	
16	14	2018 Pa. PUC Lexis 459	1116		
17	15	Excerpts from the NARUC Electric Utility	1125	1155	
18		Cost Allocation Manual January, 1992			
19					
20	IGS	EXHIBITS	IDENTIFIED	ADMITTED	
21	1	Direct Testimony of	1007	1036	
22		Joseph Haugen			
23	18	Ohio Power Company's Response to IGS-INT-06-003	983	1004	
2425	19	Ohio Power Company's Response to IGS-INT-06-004	983	1004	

				909
1		INDEX (Continued	d)	303
2		· 	,	
3	IGS	EXHIBITS	IDENTIFIED	ADMITTED
4	20	Web Page "AEP Sustainability-	977	
5		Renewables"		
6				
7	OCC	EXHIBITS	IDENTIFIED	ADMITTED
8	12	2019 Residential Choice Activity for Ohio Power	1063	1152
9	13	2019 Nonresidential Choice Activity for Ohio Power	1063	1152
10	14	2020 Residential Usage	1063	1152
11	11	Choice Activity for Ohio Power	1003	1102
12	1 -		1060	1150
13	15	2020 Nonresidential Usage Choice Activity for Ohio Power	1063	1152
14	16	DUCO Cogond Entry on Dobooming	g, 1050	
15	Τ.0	PUCO Second Entry on Rehearing Case No. 17-32-EL-AIR	J, 1000	
16				
17	ELPO	CEXHIBIT	IDENTIFIED	ADMITTED
18	2	Direct Testimony of Jon F. Williams on Behalf of Ohio	922	1005
19		Power Company (With Highlighted Portions)		
20				
21				
22	IGS,	DIRECT EXHIBIT	IDENTIFIED	ADMITTED
23	2	Direct Testimony of Frank Lacey	1038	1151
24				
25				

Tuesday Morning Session,

May 18, 2021.

--
EXAMINER SEE: Then let's go on the

record.

2.1

We are reconvening today, May 18, in Case Nos. 20-585-EL-AIR, et al., being entitled In the Matter of the Ohio Power Company.

At this point I would like to take brief appearances of the parties, starting with the Company, Ohio Power Company.

MR. WOLFFRAM: Good morning, your Honor.
On behalf of Ohio Power Company, Steven T. Nourse,
Christen M. Blend, Tanner S. Wolffram, American
Electric Power Service Corporation, 1 Riverside
Plaza, Columbus, Ohio 43215; with the law firm Porter
Wright Morris & Arthur, Mr. Eric B. Gallon; and on
behalf of the law firm Ice Miller, Mr. Christopher L.
Miller.

EXAMINER SEE: On behalf of the Staff of the Public Utilities Commission.

MR. MARGARD: Thank you, your Honor.

Good morning. On behalf of the Staff of the Public

Utilities Commission, Assistant Attorneys General

Werner Margard, Kyle Kern, and Thomas Shepherd.

911 1 EXAMINER SEE: On behalf of Ohio Energy 2 Group. 3 MS. COHN: Good morning, your Honor. On behalf of OEG, Jody Cohn, Michael Kurtz, and Kurt 4 5 Boehm. 6 EXAMINER SEE: Environmental Law & Policy 7 Center. MR. KELTER: On behalf of Environmental 8 9 Law & Policy Center, Robert Kelter and Caroline Cox. 10 EXAMINER SEE: On behalf of Ohio 11 Consumers' Counsel. 12 MS. O'BRIEN: Good morning, your Honors. 13 On behalf of the Office of the Ohio Consumers' 14 Counsel, Assistant Consumers' Counsels Angela 15 O'Brien, Christopher Healey, and John Finnigan. 16 Thank you. 17 EXAMINER SEE: On behalf of Ohio 18 Manufacturers' Association Energy Group. 19 MS. BOJKO: Thank you, your Honor. On 20 behalf of Ohio Manufacturers' Association Energy 2.1 Group, Kimberly W. Bojko, Thomas Donadio, with the 22 law firm Carpenter Lipps & Leland. 23 EXAMINER SEE: On behalf of The Kroger 24 Company.

MS. WHITFIELD: Good morning, your Honor.

- 1 On behalf of The Kroger Company, Angie Paul Whitfield
- 2 | with the law firm Carpenter Lipps & Leland. Thank
- 3 you.
- 4 EXAMINER SEE: On behalf of Interstate
- 5 | Gas Supply, Inc.
- 6 MR. DARR: For IGS, Joe Oliker, Bethany
- 7 | Allen, Evan Betterton, and Frank Darr.
- 8 EXAMINER SEE: Industrial Energy Users -
- 9 Ohio.
- MR. McKENNEY: Good morning, your Honors.
- 11 On behalf of IEU-Ohio, Bryce McKenney, Matthew
- 12 Pritchard, and Rebekah Glover, from the law firm
- 13 McNees, Wallace & Nurick.
- 14 EXAMINER SEE: On behalf of Natural
- 15 | Resources Defense Council.
- MR. DOVE: Good morning, your Honor.
- 17 This is Robert Dove with Kegler, Brown, Hill & Ritter
- 18 on behalf of Natural Resources Defense Council. I
- 19 also represent Ohio Partners for Affordable Energy in
- 20 this case.
- 21 EXAMINER SEE: On behalf of Walmart,
- 22 Incorporated.
- MS. GRUNDMANN: Good morning, your Honor.
- 24 | Carrie Grundmann with the law firm of Spilman Thomas
- 25 & Battle on behalf of Walmart, Inc.

EXAMINER SEE: On behalf of Direct Energy
Business, LLC and Direct Energy Services, LLC.
Ohio Hospital Association.

ChargePoint, Incorporated.

Nationwide Energy Partners, LLC.

MR. SETTINERI: Good morning, your Honors. On behalf of Nationwide Energy Partners, Mike Settineri and Elia Woyt with the law firm of Vorys, Sater, Seymour & Pease.

10 EXAMINER SEE: Armada Power, LLC.

MR. SETTINERI: Good morning, your

12 Honors. On behalf of Armada Power, LLC, Michael

13 Settineri and Elia Woyt with the law firm of Vorys,

14 | Sater, Seymour & Pease.

15 EXAMINER SEE: Constellation NewEnergy.

16 Clean Fuels Ohio.

Zeco Systems, Inc. doing business as

18 Greenlots.

4

5

6

7

8

9

19 Ohio Environmental Council.

MS. LEPPLA: Good morning, your Honor.

21 Miranda Leppla, Trent Dougherty, and Chris Tavenor

22 for the Ohio Environmental Council.

23 EXAMINER SEE: One Energy Enterprises,

24 LLC.

Ohio Cable Telecommunications

Association.

2.1

EVgo Services, LLC.

MR. WHITT: Your Honor, this is Mark
Whitt. I would like to try to enter my appearance
again, this time not on mute. Mark Whitt and Lucas
Fykes on behalf of Direct Energy Business, LLC, and
Direct Energy Services, LLC.

EXAMINER SEE: Okay, Mr. Whitt. Thank you.

Mr. Wolffram.

MR. WOLFFRAM: Thank you, your Honor. As we've discussed off the record, the Company would just like to raise a procedural matter regarding Mr. Williams' cross-examination this morning.

Mr. Williams is appearing at the request of the opposing parties. The Company is not offering his testimony that he filed as part of the Application as part of this proceeding and so he is being made available at the request for cross-examination by the opposing parties. As such, it is our understanding he will be called by the opposing parties and, therefore, we submit that the signatory parties, to the extent they have questions, be directed to ask their questions after the opposing parties have had their opportunity to cross

```
Mr. Williams as the initial procedural matter.
```

2.1

2.2

And again, your Honor, understanding that the opposing parties appear to want to at least cross -- or ask questions of Mr. Williams regarding his direct testimony in support of the application as the Company is not offering Mr. Williams' testimony and he is not here to testify on behalf of the Company in support of the Stipulation, you know, the Company would again object to the use of Mr. Williams' application testimony similar to the reasons discussed regarding Mr. Roush's initial testimony in support of the Company's Application. Thank you.

MR. SETTINERI: Your Honor, if I may.

EXAMINER SEE: Yes.

MR. SETTINERI: Mr. Wolffram said something that triggers me to think of something. What I would like to suggest is that the -- the parties that subpoenaed Mr. Williams go first, then the signatory parties and then the rest of the opposing parties would go.

MR. DARR: Your Honor, this is Frank

Darr. I would oppose that. The scope of the

cross-examination is not defined by just the

examination directed at the witness by ELPC or OEC.

The scope is defined by the issues presented in the case, and to the extent that this witness is adverse, any adverse party would have the opportunity to cross-examine this witness with regard to any relevant matter in the proceeding.

2.1

So to assure not only the adverse parties the opportunity that they are entitled to to examine this witness, but also to assure that the efficiency of the process is maintained, I would agree with Mr. Wolffram that it should be opposing parties, then signatory parties, and then a decision will have to be made at that point whether or not there is another round. Personally, I don't think that's appropriate that we would get the second bite of the apple given -- under those circumstances because then that would trigger a fourth round on the part of the signatory parties which seems inefficient at best given that there is an opportunity for rebuttal testimony in this proceeding.

MR. SETTINERI: Your Honor, based on what Mr. Darr just explained, I will go with the plan proposed by Mr. Wolffram.

MR. WOLFFRAM: Thank you, your Honor. We agree with -- the Company supports the proposal by Mr. Darr. And again, we would just like to reiterate

the Company will, you know, retain the right to object to all lines of questioning even from -- for Mr. Williams.

EXAMINER SEE: Mr. Wolffram, I am going to need you to be in contact with your mic because you trail off. There are parts of that that I could not hear very clearly, but no need to repeat, it's okay.

MR. WOLFFRAM: Okay. Thank you, your Honor. Sorry.

EXAMINER SEE: Okay. So just so that I'm clear, will AEP be presenting this witness or will -- do you expect OEC, ELPC to call Mr. Wolffram?

MR. WOLFFRAM: It's our understanding that the ELPC will be calling Mr. Williams.

EXAMINER SEE: Okay.

Okay.

2.1

2.2

MS. LEPPLA: Yes, your Honor. I know we've been going down the same line of questions -- questioning but ELPC is going to take the first go with Mr. Williams and then OEC will follow after that.

EXAMINER SEE: Okay. And Ms. Leppla, I am getting a lot of feedback. Is that happening for everyone else?

918 1 MS. WHITFIELD: Yes, it is. 2 MR. WOLFFRAM: Yes, your Honor. MS. LEPPLA: My apologies. I will try to 3 4 get that corrected. 5 EXAMINER SEE: And just to be clear, you 6 said OEC would be going first or ELPC would be going 7 first? 8 MS. LEPPLA: ELPC, your Honor. 9 EXAMINER SEE: Well, then if counsel for 10 ELPC would like to call its next witness. 11 MR. KELTER: Thank you, your Honor. We'd 12 like to call Jon Williams from AEP as our next 13 witness. 14 EXAMINER SEE: Mr. Schmidt, if you 15 could -- ah. There he is. 16 Mr. Williams, if you could raise your 17 right hand. 18 (Witness sworn.) 19 EXAMINER SEE: Thank you. Go ahead, 20 Mr. Kelter. 2.1 MR. KELTER: Thank you, your Honor. 22 23 24 25

JON F. WILLIAMS

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

CROSS-EXAMINATION

5 By Mr. Kelter:

1

4

6

7

8

9

10

11

12

15

16

17

18

19

20

2.1

22

23

Q. Mr. Williams, good morning. My name is
Rob Kelter. I am the attorney for the Environmental
Law & Policy Center.

Mr. Williams, do you have with you your direct testimony from docket 20-0585 that ELP -- that AEP filed on June 15, 2020?

- A. Yes.
- Q. And attached to that, do you have the AEP
 Ohio DSM Plan dated 6-15-2020?
 - A. Could you clarify that? I am not sure I understand what you are referring to.
 - Q. Attached to your direct testimony that you originally filed as Exhibit JFW-1 is AEP's Ohio Demand Side Management Plan dated 6-15-2020.
 - A. Yes, I do.
 - Q. Thank you. Did you prepare this testimony or was it prepared under your supervision?
 - A. Yes.
- Q. And your title at AEP is Managing
 Director of Customer Experience and Distribution

Technology, correct?

2.1

- A. Correct.
- Q. And if you turn to page 3 at line 9 of your direct testimony, you state "I am responsible for the design, development, and implementation of customer programs helping customers understand and optimize their demand and energy use such as demand side management," correct?
 - A. That's correct.
- Q. And can you explain what it means to help customers understand and optimize their demand and energy use?
- example, education, educating customers on how to better use their energy, whether it's efficiency or time of use, or type of use. It can also mean things like helping customers manage their bills and explain to customers high bills and how to help them lower their bills. It can mean other things such as the DSM Plan that was originally filed in this case. And also there is an opportunity to help customers manage their energy use. So it means quite a number of things.
- Q. And why does AEP make this effort to help customers optimize their demand and energy demand?

921 1 MS. BOJKO: Your Honor, I'm sorry to 2 interrupt. I can't hear a word that Mr. Williams is 3 saying. 4 EXAMINER SEE: Okay. 5 MS. BOJKO: It looks like other people 6 might be struggling too. 7 MS. WHITFIELD: Yeah. 8 THE WITNESS: I apologize. I am almost 9 on top of the speakers so -- the mic, so maybe I need 10 to switch to -- if you could give me just a minute, I 11 will switch to the lavalier. Just a second. 12 EXAMINER SEE: Okay. 13 MS. BOJKO: And, your Honor, while we are 14 waiting for that, I'm sorry, did I miss, did 15 Mr. Kelter actually mark this testimony as an 16 exhibit? 17 EXAMINER SEE: No, he did not. 18 MR. DARR: Your Honor, one other concern. I did not hear Mr. Kelter ask the witness to identify 19 20 himself for the record. If that could be addressed. 2.1 EXAMINER SEE: That's right. 22 MR. KELTER: Are we ready to go?

EXAMINER SEE: Are you ready,

Mr. Williams?

23

24

25 THE WITNESS: I have upgraded the

1 | microphone. I hope you can hear me better now.

2 EXAMINER SEE: I can hear you just fine.

I am not hearing anything from other counsel or -- so if you are ready, Mr. Kelter, go ahead.

- Q. (By Mr. Kelter) Mr. Williams, could you please identify yourself by the -- for the record by stating your name and -- and I think we have already gone through your title.
 - A. My name is Jon F. Williams.
- Q. Thank you.

2.1

MR. KELTER: And, your Honor, before we proceed, I would just like to mark Mr. Williams' testimony and the DSM Plan that accompanies it as ELPC Exhibit 2.

EXAMINER SEE: The exhibit is so marked.

(EXHIBIT MARKED FOR IDENTIFICATION.)

MR. McKENNEY: Can we mark these separately? I'm sorry. Did you ask to have these marked separately, as 1 and 2, cut out, or are you saying both of them as ELPC 2?

MR. KELTER: I am happy to do it whatever way people want, but I marked them both as ELPC 2 because when Mr. Williams initially filed his testimony, it came with that exhibit as one piece.

EXAMINER SEE: Then let's keep it that

way if there is not a good reason to do otherwise. The exhibit is so marked. Go ahead, Mr. Kelter.

2.1

Q. (By Mr. Kelter) I believe my last question to Mr. Williams was can you explain what it means to help customers understand and -- oh, no.

I'm sorry. Cross that. I asked that question.

Why does AEP make this effort to help customers optimize their demand and energy use?

- A. I believe I answered that question so I'm sorry if you couldn't hear me. I apologize. We do that in a number of ways. We do that by helping customers manage their bills so that their capability of paying bills is -- is -- they can be able to handle their bills and pay their bills. We do that in ways to try to help customers conserve energy where it makes sense for them and use energy in a way that meets their needs. So it's a way of assisting customers.
- Q. Right. And my question -- my follow-up question to that, Mr. Williams, was, why does AEP make that effort to help customers optimize their demand and energy usage?
- A. To try to lower their costs, to help them lower their costs.
 - Q. And at page -- if you can turn to page 14

of your testimony. At line 19, you state that "The Company also included inputs from the latest market potential study completed in 2019 along with actual program results to develop this DSM Plan." Does this give you confidence that this DSM Plan improves on the last plan AEP concluded at the end of 2020?

2.1

MR. WOLFFRAM: Your Honor, at this point I'll object. Again, as part of the Stipulation, the Company removed the DSM Plan and so this testimony is not relevant to the overall Stipulation that's at issue in this proceeding. And again, I think at this point Mr. Kelter is reading Mr. Williams' testimony into the record which again we would object to on the grounds that Mr. Williams is not a Company witness in support of the overall Stipulation which is at issue and, therefore, reading his testimony into the record is inappropriate in this context.

MR. KELTER: Your Honor, Mr. Williams' statements are relevant to get to the question of whether the Stipulation benefits customers and whether the Stipulation violates any important regulatory principle or practice. This testimony was originally submitted by the Company as part of its case. And supposedly they did that because they thought that this program was in the customers'

```
1
     interests. They removed this as part of the
2
     Stipulation, but we have a right to argue that, in
 3
     fact, that by removing it, they are violating
     regulatory principles and that this no longer meets
 4
 5
     the standards in the public utilities act. In order
 6
     to make that argument, we need to be able to ask
7
     Mr. Williams questions.
8
                 MR. WOLFFRAM: Your Honor, if I may just
9
    briefly respond?
10
                 EXAMINER SEE: Briefly.
11
                 MR. WOLFFRAM:
                                Thank you.
12
                 Mr. Kelter did have the opportunity to
13
     ask about the removal of DSM as part of Ms. Moore's
14
     testimony who sponsored the overall Stipulation which
15
     included the removal of DSM. And again, to the
16
     extent the opposing parties wanted to present their
17
     case, they had an opportunity to present witnesses.
18
     So to elicit these responses through a subpoena of
19
    Mr. Williams who is not offering testimony in support
20
     of the Stipulation when the Company has already
```

MR. KELTER: Your Honor, are you waiting for me to respond to that or?

presented a witness who did so, is inappropriate in

25 EXAMINER SEE: No. Just a moment.

this context. Thank you.

2.1

22

23

1 The objection is overruled.

2 Mr. Williams, you can answer the guestion.

THE WITNESS: Would you please repeat the question?

EXAMINER SEE: Karen, if could you read the question back, please.

(Record read.)

A. Yes.

2.1

- Q. And does this combination of potential study results and past actual results give you a high level of confidence in the savings projections in the plan?
- A. The savings projections are just that, a projection, so we used all the evidence that we could pull together to make a -- to put the plan together, so it is an estimate.
- Q. Mr. Williams, at page 4, line 4 of your testimony, if you can turn there. You state that "The AEP Ohio Demand Side Management Plan...provides a diverse suite of programs to cost effectively help customers overall with opportunities to optimize their peak demand with their overall energy use." I would like to ask you to break that down. Can you please, first, talk about the diverse suite of

programs in terms of your attempt to reach AEP customers? And what do you mean by "diverse suite of programs"?

2.1

MR. WOLFFRAM: Your Honor, again, I will just object at this point on the basis of relevance. Given that there is no DSM Plan included in the Company's Joint Stipulation, I don't see how this —the plan originally proposed in the Company's Application is relevant to the overall consideration of this Joint Stipulation. Thank you.

MR. KELTER: Your Honor, we are asking these questions in order to demonstrate that the DSM program should, in fact, be included in this rate case and should be approved by the Commission.

EXAMINER SEE: Okay. And I will allow the witness to answer this question.

MR. WOLFFRAM: Thank you, your Honor.

- A. I really have nothing to add beyond what's in Exhibit JFW-1 that goes through the set of programs we're offering -- that we were offering in the original application.
- Q. Mr. Williams, when a customer participates in a program by investing in an energy-efficiency measure, they then benefit from that over the life of the measure; is that correct?

- A. Could you repeat the question, please?
- Q. Sure.

2.1

When a customer participates in a program by investing in an energy-efficiency measure, they then benefit from that investment over the life of the measure; is that correct?

- A. That's correct.
- Q. And when customers benefit from the product or measure, that creates a benefit for the delivery system as a whole; is that correct?
- A. Would you define "delivery system as a whole"?
- Q. I can try. The delivery system which includes the components of delivery such as transformers, wires, power lines, that there is a benefit to that.

MR. WOLFFRAM: Your Honor, I guess I'll object as this question is -- is vague. I guess I am not really understanding the intent of the question, so maybe Mr. Kelter could reask to avoid the confusion with the witness.

MR. KELTER: You know what, I'll get back to this if that's all right, your Honor. I will move along for now.

25 EXAMINER SEE: Yes.

Q. (By Mr. Kelter) Mr. Williams, at page 6 of your testimony at line 9, you state that the cost of the DSM Plan is 36.6 million annually, while the total benefits are 100 million annually, correct?

2.1

- A. Yeah. That's what -- that's what the DSM Plan in the original application states, correct.
- Q. And if you turn to page 9 of your testimony at line 5, you discuss the Company's investment in smart meters. Has AEP done any analysis to show how much customers benefit from smart meters?
- MR. WOLFFRAM: Again, your Honor, I will object as outside the scope of this proceeding.
 - MR. KELTER: Your Honor, could we just make that some sort of standing objection?
 - MR. WOLFFRAM: It's a different objection, your Honor. I am specifically objecting to the basis for the questions regarding smart meters that aren't at issue in the Stipulation.
 - MR. KELTER: But, your Honor, I am about to connect the smart meter to the smart thermostats that are a part of that, if you will let me ask the next question.
- EXAMINER SEE: Go ahead, Mr. Kelter. The objection is overruled.

MR. KELTER: Thank you.

MR. WOLFFRAM: Thank you, your Honor.

- Q. (By Mr. Kelter) Mr. Williams, has AEP done an analysis that compares how much customers with only a smart meter save on their bills compared to customers who combine a smart meter with a smart thermostat?
 - A. I don't know.

2.1

- Q. And at page 9, line 17, you state the combination of the DSM Plan can support and encourage the demand side management technologies that provide the customer -- the most customer and system benefit, correct?
- A. That's what it states in the original application.
- Q. And it says "Lowering peak demand has system cost benefits at the generation, transmission and distribution levels." Can you please explain how DSM has system benefits related first to generation?

MR. McKENNEY: Objection, your Honor. I would like -- can I object on relevance? Because this is the same objection I had for every other environmental witness we've had. This is not relevant. This is a distribution rate case; generation and transmission costs are not at issue

here.

2.1

MR. KELTER: Mr. Williams obviously thought it was relevant. He put it in his original testimony.

MR. McKENNEY: His original testimony has not been filed in this case and he is not submitting it for the record.

MS. O'BRIEN: Your Honor, this is Angela O'Brien for OCC. I would also object to these questions which is not relevant as to the three-part test that the Commission uses to evaluate settlements.

MR. WOLFFRAM: The Company joins those objections, your Honor. Thank you.

MR. DARR: If I may respond to part of the objection raised by IEU, your Honor?

EXAMINER SEE: Go ahead, Mr. Darr.

MR. DARR: Thank you, your Honor.

With regard to generation, I don't have an opinion one way or the other. But with regard to transmission, unfortunately the Stipulation did -- fortunately or unfortunately the Stipulation did place transmission rates in play because of the modification of the BTCR pilot. So with that I just want to make clear there are transmission rates at

issue here. Thank you.

2.1

MS. LEPPLA: Your Honor, if I may add as well. Simply because there are additional benefits of a distribution program that relate to transmission and generation, doesn't mean that those are not at issue. That's simply another benefit that this program would have added which is part of the reason we believe this Stipulation doesn't meet the standards and that's part of our argument here today.

MR. WOLFFRAM: And, your Honor, if I may again, I will just point back to the fact that
Mr. Williams is not offering testimony in support of the Stipulation. To the extent the parties had questions regarding the overall Stipulation and how -- why it meets the three-part test, those questions were better directed at the other Company witnesses that have already presented testimony.
Mr. Williams is here to testify on unique factual issues that he has personal knowledge of. He is not here to testify as it relates to the overall Stipulation and questions that should have been better placed and directed at the other Company witnesses.

MR. KELTER: Your Honor, first of all, they objected to questions relating to these topics

when they were brought up with witness Moore. Second of all, Mr. Williams testified to this himself. He said demand management is a key component of the DSM Plan to reduce costs for customers. The question here in our argument in this case is that the Company should be doing everything that it can in a rate case to help reduce costs for customers. And these questions are central to that issue.

2.1

MS. O'BRIEN: And this is Angela O'Brien.

I'm sorry. This is Angela O'Brien for OCC. If I

just may be heard. Mr. Williams isn't testifying as

to anything today. His testimony has not been

offered into evidence. As Mr. Wolffram noted, there

were AEP witnesses who did provide testimony in

support of the -- in support of the settlement and

Mr. Williams is not one of them.

EXAMINER SEE: Karen, if you could read the question back for me, please.

(Record read.)

EXAMINER SEE: And I am going to allow the witness to answer the question, and the Commission will give this question and his testimony the weight the Commission believes it deserves. Go ahead and answer the question, Mr. Williams.

THE WITNESS: Thank you, your Honor.

A. It's true that lowering peak demand has system cost benefits at the generation, transmission, and distribution levels but there are many ways to achieve that. The DSM Plan itself is -- is just one way.

2.1

2.2

- Q. Mr. Williams, can you please explain how DSM has system benefits related to transmission and distribution.
- A. None of those benefits has been specifically defined in the DSM Plan that was in the original application. It wasn't based on transmission and distribution avoided costs.
- Q. Mr. Williams, did you not say -- did you not originally testify that demand management is a key component of the DSM Plan to reduce costs for customers?

MR. WOLFFRAM: Again, your Honor, we will just object on the grounds that Mr. Williams has not testified to that fact in this proceeding.

EXAMINER SEE: Mr. Kelter, can you restate?

MR. KELTER: Yes, your Honor.

Q. (By Mr. Kelter) Mr. Williams, did you not state in your initial testimony that demand management is a key component of the DSM Plan to

reduce costs for customers?

2.1

- A. It is a key component of the original application, the DSM Plan in that application.
- Q. Thank you. That's -- Mr. Williams, that's the question.

EXAMINER SEE: Mr. Kelter, if you could allow the witness to respond fully; and once he's answered your question, you can then continue.

MR. KELTER: Thank you. Yes, your Honor.

- A. But it's not offered here as part of this case and, further, it's just one way. There are other ways as well.
- Q. Mr. Williams, at line 21 on page 9, did you not state lowering peak demand has system cost benefits at the generation, transmission, and distribution levels?

MS. BOJKO: Objection, your Honor. This one has been asked and answered. He already read that sentence into the record and I think it's important to note this is a proposed plan.

Mr. Kelter's questions keep implying that this is somehow an approved plan or the plan, and it was a proposal in an application.

EXAMINER SEE: The question has been asked and answered.

- Q. (By Mr. Kelter) Mr. Williams, can you -- can you please explain how DSM lowers distribution costs.
- A. In general, the only way that demand side management, in other words, lowering peak demand on a distribution station or circuit occurs is if you have specific opportunities to lower that demand at that station or circuit level. We call that locational avoided costs.
- Q. Mr. Williams, is it correct that in 2020, AEP achieved 213 percent of its 1 percent savings target?
 - A. Just a moment.
- MR. WOLFFRAM: Mr. Kelter, are you referencing something specifically that the witness can reference?
- MR. KELTER: I believe that was in Appendix R. It was R No. 2 at the bottom of the page of Appendix R.
- A. Are you talking about OEC Exhibit 3 in case 21-139, the appendixes to the Portfolio Status Report?
- 23 Q. Yes.

2.1

MR. WOLFFRAM: Your Honor, I will object as there's been no foundation that the witness is

here to speak on that exhibit specifically. And I will note again, it hasn't been marked to this point, so I guess this line of questioning on exhibits that haven't been marked and there has been no foundation for, I would object on those grounds.

MR. KELTER: Your Honor, I just asked him the question if it's correct that in 2020, AEP achieved 230 -- 213 percent of its 1 percent savings target. I really assumed he would know the answer to that.

- A. Mr. Kelter, generally that sounds right.

 I've certainly looked at Appendix R and was involved in the formulation of that, but I don't have it directly in front of me at this moment so, subject to check, I wouldn't disagree with you.
 - Q. Thank you.

2.1

Mr. Williams, can you please explain what first-year costs means?

- A. First-year costs simply means if you look at the cost of the program delivered in that year and the cost of the first-year savings in kilowatt-hours were in that year, and you divide the two, and that's the cost of -- first-year costs.
- Q. And is it correct that for every \$1 that AEP had planned to spend on its DSM program, that AEP

```
projected over $3 in benefits?
```

- A. Are you referring to the DSM Plan proposal filed in the original case?
 - O. Yes. Yes.
 - A. Yes.

1

2

3

4

5

6

7

8

- Q. If you increase spending on a new DSM Plan in 2022 to your 2020 level, do you anticipate a significant difference in that ratio of \$3 in savings for every dollar spent?
- MR. WOLFFRAM: Your Honor, I'll object.
- 11 Calls for speculation.
- MS. BOJKO: OMAEG has the same objection.
- 13 There's no basis or foundation for that question of
- 14 what the difference is of the two plans that he is
- asking the witness to compare.
- MR. KELTER: If he doesn't have any idea,
- 17 he can answer "I don't know."
- 18 EXAMINER SEE: The objection is
- 19 sustained.
- Q. (By Mr. Kelter) Can you please turn to page 17 of the DSM Plan.
- 22 A. Is that JFW-1?
- 23 Q. Yes, it is.
- A. Did you say page 17?
- 25 Q. Yes.

A. I'm there.

2.1

Q. In the first sentence on page 17, it says the lifetime costs of saved energy is estimated to be 23 cents per kilowatt-hour for the Company's DSM Plan. Or actually it says dollar sign 0.023 per kWh. And my question is, does that mean 0.2 -- or 2.3 cents per kilowatt-hour? Sorry for the confusion. Let me -- let me reask that question.

Does that mean 2.3 cents per kilowatt-hour?

- A. The dollar sign 0.023 means 2.3 cents per kilowatt-hour.
 - Q. Thank you.

And as for the next clause of the sentence that says comparable to a supply-side investment alternative, does this mean if AEP does a certain amount of DSM, that means it has to purchase that much less generation to meet its customers' load?

A. This table was simply put -- put in place -- I don't agree that it means that. What this table does is it -- is it compares various generation sources to avoided generation which would be the energy efficiency column and shows where this proposed plan would lie in comparison to; noting that

all generations sources are needed.

2.1

Q. So you say as compared with supply-side generation investment alternatives. When you say generation alternatives, does that mean that DSM is the alternative to supply-side generation?

MR. WOLFFRAM: Your Honor, I will object as asked and answered. I think the witness provided a pretty comprehensive answer that encompasses that question.

MR. KELTER: Your Honor, he did not answer the question, and I am moving onto a different question to try and explore this issue.

EXAMINER SEE: And I will allow it.

Mr. Williams, answer the question with any clarification.

- A. Could you please clarify the question or reask it? I'll try to take it from whichever you give it to me.
- Q. The second sentence on that page says, as compared with supply-side generation investment alternatives. My -- so I'm asking you, is DSM an alternative to generation investment?

MS. WHITFIELD: Mr. Kelter, can you say what page you are on, you are reading from?

MR. KELTER: Yes. I'm still on page 17

of 26 of the AEP Ohio Demand Side Management Plan dated June 15, 2020. It was attached to Mr. Williams' testimony as JFW-1.

2.1

MS. WHITFIELD: Thank you.

- A. It's a -- it's one of many needed generation sources. So -- or alternative. It's an alternative to generation but, again, to say that it would replace generation is a different -- if that's where you are going, that's a different question. I would disagree with that.
- Q. Mr. Williams, if you don't -- if AEP does not invest in demand side management, do you believe that the Company would have to purchase additional generation to replace that demand side management?

 MR. WOLFFRAM: Your Honor, again, I'll object as speculative.

MR. KELTER: Your Honor, he says right here that, as compared with supply-side generation investment alternatives, the AEP Ohio DSM Plan cost compares favorably. I'm just asking him to explain that concept.

MR. WOLFFRAM: Again, your Honor, he is asking for an opinion regarding future events and how the Company may meet its generation needs, so I do believe that that is asking the witness to speculate

as to how the Company will satisfy those requirements in the future.

MR. KELTER: Your Honor, the witness has already done the speculation. This -- this is -- I am asking about something that he attached to his own testimony.

7 EXAMINER SEE: The objection is 8 sustained.

3

4

5

6

9

10

11

19

20

2.1

2.2

MR. WOLFFRAM: Thank you, your Honor.

- A. It would depend on many things. It would depend --
- EXAMINER SEE: The objection is sustained.
- 14 THE WITNESS: I apologize.
- EXAMINER SEE: You can strike the portion of Mr. Williams' answer where he started to answer after the objection was sustained.

18 Next question, Mr. Kelter.

- Q. (By Mr. Kelter) Mr. Williams, the title of Figure 3, the graph is "DSM is the lowest cost resource," correct?
 - A. Yes. That's the title of the figure.
- Q. And can you explain what that means, the DSM is the lowest cost resource?
- 25 A. On a cost per kilowatt-hour based on the

estimated cost of the DSM Plan in the original application it shows up as a -- as lower than other supply-side resources in this chart based on 2018 figures in the notes below.

MR. KELTER: Thank you, your Honor, if you can give me just one second, I think that's my last question.

EXAMINER SEE: Okay.

MR. KELTER: Your Honor, that is my last question. And at this time I would like to move the admittance of ELPC Exhibit 2 into the record.

EXAMINER SEE: It's marked and we will take up the exhibits at the conclusion of Mr. Williams' testimony today.

Ms. Leppla.

2.1

2.2

MS. BOJKO: Your Honor, before Ms. Leppla starts, I have a question, a point of clarification. I thought that Mr. Williams was being called by ELPC and OEC. Is that not the case? They filed a joint subpoena together. I assumed they were jointly sponsoring this witness.

MS. LEPPLA: That's correct, Ms. Bojko.

MS. BOJKO: Well, if they are jointly sponsoring the witness, then only one attorney can either defend or cross the witness. Usually when

there is a joint sponsorship, one attorney takes the lead. You don't have multiple attorneys with multiple bites at the apple.

MS. LEPPLA: Well, your Honor, the request from -- the subpoena was actually withdrawn because AEP agreed to have Mr. Williams appear, and as a result, I think it's fair for us, calling someone as an adverse witness obviously, to be able to cross -- both cross him.

MS. BOJKO: That's why I asked for my point of clarification of who was sponsoring the witness.

MR. WOLFFRAM: And, your Honor, the witness is appearing by agreement in lieu -- in lieu of the subpoena which was also issued, so I guess that's a little bit of a unique circumstance.

EXAMINER SEE: Okay. Ms. Leppla.

MS. LEPPLA: Thank you, your Honor.

19

CROSS-EXAMINATION

21 By Ms. Leppla:

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

20

2.2

- Q. Hi, Mr. Williams. How are you?
- 23 A. I'm doing fine.
- Q. Good. I will do my best to not cover anything that Mr. Kelter has obviously, but I do

apologize if I get close to it.

2.1

MS. LEPPLA: And thank you, your Honor, for a little bit of grace on that. I was trying to cover my questions while Mr. Kelter was questioning Mr. Williams.

- Q. So Mr. Williams, I think you've covered a little bit about this but the DSM Plan proposal in your original testimony in support of the Application was designed to lower peak demand and energy usage which, in turn, avoids generation costs; is that correct?
 - A. Yes, that's correct.
- Q. Okay. And what were some of the features of the DSM program plan proposal?

MR. WOLFFRAM: Your Honor, I guess I'll object as overly broad and, again, the originally-proposed DSM Plan is not at issue in this proceeding as the Company has not included it in the Company's Stipulation that's at issue in this proceeding. Thank you.

MS. LEPPLA: And, your Honor, I would just again note that AEP put this squarely at issue when they raised it originally by putting it into the application plan and that is part of our argument here is that it belongs as part of the Stipulation

```
1 and part of our challenge.
```

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2 EXAMINER SEE: The objection is 3 overruled.

MS. LEPPLA: Thank you, your Honor.

MR. WOLFFRAM: Thank you, your Honor.

EXAMINER SEE: Mr. Williams, you can answer the question.

- A. The details about the programs are covered in both the testimony in the original application as well as in Exhibit JFW-1 which talks about each program in the plan.
- Q. Thank you.

And the DSM proposal would have cost 36.6 million annually; is that right?

A. I'm sorry. I didn't -- I missed part of the sentence, part of the question.

MR. WOLFFRAM: Your Honor, I am having a little trouble hearing Ms. Leppla. It seems like -- I guess I would just want to flag it because I think on our end it's kind of a delayed garbled response so I don't know if anybody else is having that same issue but I think that's part of the issue

23 Mr. Williams is having with that question.

EXAMINER SEE: There was a brief moment
where it was delayed. Let's try that again,

1 Ms. Leppla.

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

MS. LEPPLA: Sure, no problem. Sorry,

your Honor.

- Q. (By Ms. Leppla) Mr. Williams, the DSM proposal would have cost \$36.6 million annually; is that correct?
- A. I'm hearing like the very end of the \$.6 million. That's all I heard of the question.
- Q. Okay. Let me try one more time.

 The DSM proposal would have cost
 \$36.6 million annually; is that correct?
 - A. That's correct.
- Q. Okay. And the benefits of that plan you estimated as \$100 million annually; is that correct?
- A. I apologize but it's still garbled.

 That's garbled.
- MS. LEPPLA: Is everyone having trouble hearing me? I apologize. I am trying to hold my microphone as close to -- as close as I can.
- THE WITNESS: What you just said, I heard very clearly.
- MR. WOLFFRAM: I don't think it's a
 microphone issue so much as it seems to be like a
 connection issue where I can see Ms. Leppla speaking
 and then the sound ends up catching up with her and

then it kind of runs the question together and that's the issue. I don't know if others are having that issue but that's what we are hearing on our end.

EXAMINER SEE: Try it again, Ms. Leppla. If we lose your connection, we'll have to address that at that point.

MS. LEPPLA: Okay. Thanks, your Honor.

I did take my headphones off to see if that helps at all. The joys of virtual hearings, I know.

Q. (By Ms. Leppla) Mr. Williams, you just answered my previous question saying that the DSM proposal would have cost \$36.6 million annually while the benefits would have been \$100 million annually; is that correct?

MR. WOLFFRAM: Your Honor, could we go off the record? We are still having those same issues.

EXAMINER SEE: Let's go off the record.

(Discussion off the record.)

EXAMINER SEE: Let's go back on the record. Was there a question posed to the witness,

22 Karen?

2.1

(Record read.)

- A. Yes, that's correct.
- Q. Thank you, Mr. Williams.

And if AEP was successful and the DSM Plan was cost effective, AEP would have earned an annual program administration fee of 10 percent, correct?

2.1

- A. In the original application, that was what was proposed.
- Q. Okay. And that is if, and only if, AEP's programs were cost effective meaning the benefits for customers outweighed the costs; is that correct?
- A. That was in the original proposal, that's correct.
- Q. Okay. And can you tell me, even with that administrative fee for running cost-effective programs, the benefits of \$100 million would have still outweighed the costs; is that accurate?
 - A. Yes, that's accurate.
 - Q. Okay. And why is that?
- A. Well, it's based on the utility cost test and the total benefits and the resource value test, and when you take the avoided cost of generation as the benefit and you look at the costs and -- and those benefits combined with nonenergy benefits, those add up in the table as you can see. In year one to be in this, outlaid cost of 3 to 1.
 - Q. Okay. Thank you. When you reference

```
Figure 1, are you talking about Figure 1 in

Attachment JFW-1 that's attached to your original testimony filed in support of the application?
```

- A. That's in the original application, right.
- 6 Q. Okay. Thank you. Just wanted to 7 clarify.

And can you tell me in this proposal if AEP had incurred costs in excess of that budgeted \$36.6 million, how would the Company have handled that?

MR. WOLFFRAM: Your Honor, I'll object as speculative.

MS. LEPPLA: Your Honor, I believe this is directly in his original application testimony which is fair game at this point.

EXAMINER SEE: I'll allow the witness to answer the question.

- A. I apologize. Could you please repeat the question?
 - Q. Sure.

1

2

3

4

5

8

9

10

11

14

15

16

17

18

19

20

2.1

22

23

24

25

If AEP had incurred costs in excess of the budgeted \$36.6 million as part of that proposal, how would the Company have handled that?

A. The Company would not have recovered that

cost.

2.1

Q. Thank you, Mr. Williams.

Was there any anticipated recovery from customers from outside of their respective customer class as part of this proposal?

- A. No.
- Q. Just checking my notes to avoid questions that were already asked, Mr. Williams. My apologies.

You mentioned as part of your original testimony in support of the Application that AEP could have done most of the proposed DSM programs in-house; is that correct?

- A. Could you -- did you say could have done most of the programs in-house?
 - Q. Correct. If -- if the DSM Plan was approved, correct?
 - A. No, I don't believe that's what I said in the original application. I believe I said we would look at that and determine what was the lowest cost opportunity to provide programs and we would pursue that route. Whether it was in-house or through outside implementation contractors. We would pursue a low cost -- lowest-cost solution.
 - Q. Okay. Has AEP had to reassign or layoff any staff working on efficiency programs after the

efficiency resource standard was reduced and ended by House Bill 6?

2.1

MR. WOLFFRAM: Your Honor, I will object as outside the scope of this proceeding and outside the scope of Mr. Williams' originally-filed testimony -- or I'll say outside the scope of the exhibit that's being referenced.

MS. LEPPLA: Your Honor, I think it's directly relevant. And -- as part of his testimony and that is what I am asking about, whether they have that capacity.

EXAMINER SEE: Ms. Leppla, I lost part of your response. If you could repeat that, please.

MS. LEPPLA: Sure, your Honor. I think that this -- my question goes directly to whether or not they have the capacity to do these internally and externally given the fact that they may have had to reduce staff capacity after House Bill 6.

MR. WOLFFRAM: And, your Honor, I guess I will point out that again we are talking about a proposed DSM Plan that is not included in the Stipulation and, therefore, the issue is not relevant to the overall Stipulation which does not include the DSM Plan as originally proposed in Mr. Williams' direct testimony as part of the Company's

Application.

1

5

6

7

8

9

10

11

12

15

16

17

18

19

20

2.1

2.2

23

24

25

MS. O'BRIEN: OCC joins that objection.

3 EXAMINER SEE: The objection is

4 sustained.

MR. WOLFFRAM: Thank you, your Honor.

MS. LEPPLA: Thank you, your Honor.

- Q. (By Ms. Leppla) Mr. Williams, I wanted to talk a little bit about the benefits that were associated with the original DSM proposal. Who did AEP propose to serve with those original DSM program plans?
 - A. Do you mean the customer classes?
- Q. Yes, thank you, Mr. Williams, I did mean the customer classes.
 - A. All customer classes were included.
 - Q. Okay. And you mentioned as part of your original testimony in support of the Application that AEP offered programs to help customers save energy and manage peak demand before there were any legislative requirements to provide those benefits; is that correct?
 - A. Yes. We brought the programs prior to the mandated requirements, that's correct.
 - Q. Can you tell me a little bit about some of the programs that you offered prior to those

mandated programs?

2.1

MR. WOLFFRAM: Your Honor, I guess I'll object as to the question is vague and overly broad.

I would imagine there is quite a bit of detail there.

So again, I guess I would object on those grounds.

MS. LEPPLA: Your Honor, Mr. Williams is an expert in this. I think he can answer the question as he sees fit; and if he thinks it's overly broad, he can probably tell me that.

MR. WOLFFRAM: Again, I think the question is asking for DSM proposals that were even outside Mr. Williams' testimony offered in support of the Company's Application; so again, I guess on that grounds as well, I would object as to the relevance of the question.

MS. LEPPLA: Your Honor, I do think this goes directly to the heart of what we are asking because these DSM proposals are not mandated requirements. This was a voluntary proposal by the Company and that's what I am exploring. They have done these programs prior to being mandated requirements and that is what they are proposing here to do again -- or had proposed, rather. I misspoke.

EXAMINER SEE: The objection is sustained.

1 MR. WOLFFRAM: Thank you, your Honor.

2 EXAMINER SEE: You may continue,

Ms. Leppla. It appears that we have lost video from

Ms. Leppla. Can you hear me? Ms. Leppla?

5 MR. KELTER: Your Honor, we're trying to

6 | fix this.

3

4

9

7 MS. LEPPLA: Sorry, your Honor.

8 | Struggles. Can you all hear me now?

EXAMINER SEE: Yes.

10 MS. LEPPLA: Great. Okay. I apologize.

11 | I don't have too much more, so hopefully this won't

12 happen again. Thank you, your Honor. I think you

13 | sustained the objection, correct?

14 EXAMINER SEE: I sustained the objection.

15 You may continue.

MS. LEPPLA: Thank you.

Q. (By Ms. Leppla) Mr. Williams, can you

18 | tell me why AEP is well suited to offer the demand

19 | side management programs that you offered as part of

20 | your original --

21 EXAMINER SEE: Ms. Leppla, we lost you

22 again due to low bandwidth.

MS. LEPPLA: Okay, your Honor. I

24 apologize. I know I froze again. Let me reask the

25 | question.

- Q. (By Ms. Leppla) Mr. Williams, can you tell me why AEP is well suited to offering the type of demand side management programs you included in your original application testimony?
- A. I have no opinion sitting here today on that.
- Q. Okay. Mr. Williams, can you take a look at page 9 of your original testimony filed in support of the Application. On page 9 you note that the Company is uniquely positioned to provide these type of traditional DSM programs to all customers. Do you see that line starting on page 9, line 3?
 - A. Yes, I do.

2.1

- Q. Does that refresh your recollection on why the Company is uniquely positioned to provide these to customers?
- A. I think the point is that we certainly can provide those programs and certainly offered this in our original application. But it's not part of the -- part of the Stipulation which Ms. Moore is representing for the Company today, so I don't have any other opinion on that other than what's in the testimony.
- Q. Okay. So when you filed this original application testimony, you did believe that the

Company was uniquely positioned to offer demand side management programs to AEP customers; is that correct?

- A. The Company certainly has, through its ability to serve all customers, a unique position in that.
- Q. Okay. And, Mr. Williams, if you can turn to page 12 of your testimony. Starting at line 12, you note that the DSM Plan encourages particular Ohio state policy objectives; is that correct?
- A. That's what we filed in the original application, yes.
- Q. Okay. And as you sit here today, do you believe that this still, a demand side management program which you testified earlier is designed to lower costs for customers for AEP, continues to meet these state policy objectives?
- A. Among many other ways, yes. That's one ways.
- MS. LEPPLA: Thank you, Mr. Williams. I have -- my apologies, your Honor.
- Q. Mr. Williams, I do have some questions
 related to Figure 3 on page 17 of Exhibit JFW-1
 that's attached to your original testimony in support
 of the Application.

A. Did you say page 17?

2.1

EXAMINER SEE: It appears we have lost Ms. Leppla again.

MS. LEPPLA: I apologize, your Honor. I have just four more questions, so hopefully I can get through these quickly without additional bandwidth issues. Can you hear me okay?

EXAMINER SEE: We can hear you. If you could repeat that last reference and question.

MS. LEPPLA: Absolutely. Thank you.

- Q. (By Ms. Leppla) Mr. Williams, if you can turn to Figure 3 on page 17 of Exhibit JFW-1 which is attached to your original testimony filed in support of the Application. Are you there?
 - A. I'm there.
- Q. Okay. Great. And really not just Figure 3 but the "Benefits" section is really what I want to talk about. On page 18 you talk about avoided supply costs. Can you -- can you explain to me how this DSM Plan proposal would have helped avoid supply costs?

MR. WOLFFRAM: Again, your Honor, I think this question was asked and answered during

Mr. Kelter's examination of the witness.

MS. LEPPLA: Your Honor, I think a

variation of it was. He was directly referencing that chart. I am talking about some of the text and some of the other components Mr. Williams included as part of his original testimony.

2.1

2.2

EXAMINER SEE: The witness can answer the question.

- A. The avoided supply costs, as I think I explained earlier, is really related to avoiding generation, capacity, and energy costs, and what those -- those are considered the avoided generation costs in combination and those are compared to the costs of the programs to determine whether a program is cost effective or not.
 - Q. Thank you, Mr. Williams.

On page 19, you talk about nonenergy benefits of this proposed DSM program plan. Can you explain what those nonenergy benefits entail for Ohio -- AEP Ohio customers?

A. Well, for example, they include the Community Assistance Program as proposed in the original application; they include avoided costs from noncollectible accounts to reduce the USF fund costs. For nonresidential customers there is a variety of business nonenergy benefits that were defined and provided within the testimony. I go into those in

- 1 detail if you want to turn to it.
- Q. I'm sorry, Mr. Williams, you tailed off a little bit at the end.
 - A. I'm sorry. I didn't hear the question.
- 5 Q. No. I just think you --
- 6 EXAMINER SEE: We need you to speak up,
- 7 Mr. Williams.
- 8 THE WITNESS: Okay. All right. Is that
- 9 better?

- 10 EXAMINER SEE: Yes.
- MS. LEPPLA: Yeah. Thank you, your
- 12 Honor.
- A. Do you want me to repeat the answer?
- 14 Q. Yeah, I think we got it. That was great.
- 15 Thank you. I just wanted to make sure you spoke up
- 16 | at the end because you did start to tail off so.
- 17 A. Okay.
- 18 Q. Thank you.
- And if you turn on to page 20, can you
- 20 explain what energy DRIPE means and how this is a
- 21 | benefit to AEP Ohio customers as proposed in the DSM
- 22 Plan?
- A. Are you talking about DRIPE, is that what
- 24 | you said?
- 25 Q. Yes.

A. Yeah. For DRIPE what that does is it looks at the price effects from energy and demand response. And in the case of energy -- energy efficiency reduction as those costs come down, there's a benefit in generation pricing that could occur and those were taken into account in the -- for participants' energy savings only.

Q. Thank you, Mr. Williams.

2.1

If you turn to page 21, can you explain to me how the proposed DSM program would have led to greenhouse gas reductions?

- A. I apologize. You broke up and I didn't catch the question.
 - Q. I'm sorry, Mr. Williams.

Can you explain to me how the proposed demand side management program would have led to greenhouse gas reductions?

- A. The -- the reduction in energy used is directly relational to the greenhouse reductions that arise from generation of fossil fuel.
- Q. So it's accurate -- I'm sorry. So is it accurate to say that reducing the total generating plant emissions is what leads to the greenhouse gas reductions? To make sure I understand your answer.
- A. That's correct.

- Q. Okay. And just a couple more questions here, Mr. Williams. The demand side management proposal would have also led to economic development impacts; is that correct?
- A. I apologize. Again, I did not -- I caught only part of the question.
- Q. No problem. That's a problem on my end.

 The demand side management proposal would have also led to economic development impacts; is that correct?
- A. We've identified economic development impacts in the original application, that's correct.
- Q. Okay. Can you explain the types of economic development impacts that you did provide in the original plan?
- A. Let me get to the --

2.1

- Q. Sure, Mr. Williams, and if it helps, it begins on the bottom of page 21 and continues on to page 22.
 - A. Yeah. We identified and looked at -- you can see in Figure 7, the direct and indirect jobs that were impacted. You can see that in Figure 7. Exhibit JFW-1, page 22.
 - Q. Okay. Thank you, Mr. Williams.

 And those -- there were three different

types there listed, is that correct, direct effects, indirect effects, and induced effects?

2.1

- A. That's right. We do not include any induced effects. We limit it to direct and indirect.
- Q. Okay. And what did that identify -- what are those direct impacts that you identified and indirect impacts if you could explain that in Figure 7?
- A. I think it's explained on the top of page 22. To repeat, it's the on-site or immediate effects produced by expenditures. In other words, if somebody is working or a trade contractor is working on a home, then they are going to get paid, that's a direct -- as a result of an energy efficiency installation of any type, they get paid for that work and that's a direct effect.

The indirect effect is the increased economic activity, for example, who all is directly involved in that sale, installation, or financing; it could be a variety of things.

- Q. Okay. And the number of both direct and indirect jobs created that you identified in Figure 7, total 2,635 for the year 2021; is that accurate?
- A. No, it would not be accurate.

964 1 Q. Is that what's listed in Figure 7, 2 Mr. Williams? Yes, it is, but this is May of 2021, so Α. 3 it would not be accurate for 2021. We don't have a 4 5 plan. Fair. If this had gone into effect at 6 Ο. 7 the time that you had drafted it, is this your 8 anticipated impacts that would have occurred had this 9 plan gone into effect for 2021? 10 Again, it was an estimate in the original 11 application. 12 MS. LEPPLA: Okay. Thank you, your 13 Honor. No more questions. 14 EXAMINER SEE: Any cross-examination --15 any questions for this witness by the other parties 16 opposing the Stipulation? 17 MR. DARR: Yes, your Honor. This is 18 Frank Darr from IGS -- for IGS. 19 EXAMINER SEE: Go ahead, Mr. Darr. 20 MR. DARR: Thank you. 2.1 22 CROSS-EXAMINATION 23 By Mr. Darr: 24 Mr. Williams, my name is Frank Darr. I Ο. 25 am here on behalf of IGS today. In your current

position as managing director of customer service -excuse me -- customer experience and distribution
technology, you are responsible for customer service
activities of AEP Ohio, correct?

A. That's correct.

2.1

2.2

- Q. Does this include things like the call center at AEP Ohio?
- A. No. I don't have direct responsibility for the call center.
- Q. You also list in your description of activities contained in the ELPC exhibit that we've referred to several times this morning that you are responsible for alternative energy; is that correct?
 - A. That's correct.
 - Q. What do you mean by "alternative energy"?
- A. It would be projects like solar -- for solar, wind, mainly interconnections. I have a group that handles interconnections to our -- to our company, interconnection agreements.
- Q. Would this also include efforts on the part of Ohio Power to develop renewable resources either for its own benefit or on a customer-sited basis?
- A. I would not be involved in those
 activities if the Company is creating their own

- resource, but for mercantile customer-sited
 facilities, if those opportunities came up, I would
 be.
 - Q. How many staff are under your direct supervision?
 - A. It -- the number is in the low 80s, about 84. That's not exactly correct depending on the numbers but that would be a compliment number, around 80 to 84.
- Q. Are these AEP Ohio employees or are they
 Service Corporation employees?
- A. I only direct and manage AEP Ohio employees.
 - Q. Does the group that you supervise also include account representatives?
- 16 A. It does.

4

5

6

7

8

9

14

15

17

- Q. And could you describe for us what an account representative is.
- MR. WOLFFRAM: Your Honor, I guess I'll
 object just on relevance grounds here. I am not
 exactly sure, you know, what the relevance of
 Mr. Williams' direct reports are as it relates to why
- 23 Mr. Williams is being made available for
- 24 cross-examination.
- MR. DARR: If I am given a little liberty

here, your Honor, I will tie it together in about three questions.

2.1

2.2

EXAMINER SEE: Okay. You can answer the question, Mr. Williams.

THE WITNESS: Thank you, your Honor.

- A. I have -- "account representatives" is not a typical term we use, so we have what's called "customer services representatives" and "customer account managers." Those are the two typical titles for our direct customer-facing organization. So the term you use, "account representatives," I would use those two titles or general titles.
- Q. Could you describe for us what a representative does?
- A. A customer service representative generally handles smaller customers, could handle communities, smaller business customers, residential issues that are raised above and beyond what the call center can handle, complaints, those kinds of issues, account maintenance issues of a more complex nature, up to small business customers, communities.
 - Q. What does an account manager handle?
- A. An account manager typically handles assigned accounts; that's the larger accounts typically, more complex accounts of a larger nature.

- Q. Now, I want to turn your attention to IGS -- IGS interrogatory -- excuse me, IGS Exhibit 8 and 9. Do you have those in front of you?
 - Α. Yes, sir, I do.
- Q. Turning first to IGS Exhibit 8, there is a reference to Attachment B. Do you see that reference?
 - Α. Yes, I do.
- Ο. And on the second page it says "Prepared by" and then it lists Counsel, Jon F. Williams, and Andrea Moore. Are you the Jon F. Williams that 12 assisted in the preparation of the response to this 13 interrogatory which has been identified as IGS Exhibit 8? 14
 - Α. Yes.

1

2

3

4

5

6

7

8

9

10

11

- Now, turning your attention to IGS 16 Ο. 17 Exhibit 9. Would you agree with me, IGS Exhibit 9 is 18 the document referred to as Attachment B on IGS Exhibit 8? 19
- 20 Α. Yes.
- 2.1 Q. Prior to receiving the interrogatory 22 identified as IGS Exhibit 8, had you seen 23 Attachment B previously?
- 24 Which is IGS Exhibit 9? Α.
- 25 Q. Yes.

- A. Yeah. I just want to make sure I have got the right -- yes, I had.
- Q. When did you first see what's been marked as IGS -- what's been admitted as IGS interrogatory -- excuse me, IGS Exhibit 9?
- A. I don't recall the exact date I first saw this.
 - Q. Did you have any role in preparing what's been identified as -- and admitted as IGS Exhibit 9?
- 10 A. No, but I did review the letter. I have reviewed the letter.
- Q. Did you review it prior to its distribution or after its distribution?
 - A. Prior to.

1

2

3

4

5

8

9

14

15

16

17

18

19

20

2.1

22

23

24

- Q. What's been marked as IGS Exhibit 9 concerns an alternative energy project -- or two alternative energy projects at Willowbrook and Highland, correct?
 - A. That's correct.
- Q. If I understand it correctly, the availability of these projects would have been in December of 2021, with contracts that begin no earlier than January 2022, correct?
 - A. The project never went forward.
- O. I understand that. At the time that the

letter went out, it was anticipated that the projects would be available in 2021 with contracts to begin in 2022, correct?

2.1

- A. That's what the letter states, yes.
- Q. And am I also correct that AEP Ohio was requesting meetings concerning participation in these projects with various customers?
- A. In the September-October 2019 frame -time frame, that's correct. We -- we offered the
 opportunity to participate to customers, that's
 correct.
- Q. Do you recall whether any meetings went forward? In response to the letter that's been marked as IGS Exhibit 9?
 - A. Yes. There were meetings.
 - Q. When did those meetings take place?
- A. I don't recall the specific time that those meetings took place, but they were in the September-October time frame. To the best of my recollection.
- Q. Other than IGS Exhibit 8, did you receive any other interrogatories in this case regarding the Highland and Willowbrook solar projects?
- MR. WOLFFRAM: Your Honor, I guess I'll object on the grounds is Mr. Darr asking whether or

1 not Mr. Williams responded directly or whether the

2 | Company in total received any discovery responses

3 | related to those projects? Because again, I think to

4 | the extent he is asking Mr. Williams on a total

5 | company basis I would object as outside the scope of

6 Mr. Williams' testimony here today.

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

24

25

MR. DARR: I'm fine with limiting it to his responses, your Honor.

EXAMINER SEE: Okay. If you can reask the question, Mr. Darr.

MR. DARR: Sure. Actually, I thought I asked it in this form but -- in the right form, but I will ask it again.

- Q. (By Mr. Darr) Did you, Mr. Williams, receive any other interrogatories in this case regarding the Highland and Willowbrook solar projects?
- A. I don't recall any others. I would have to go through all of my responses to make sure, but I don't recall any others, Mr. Darr.
- Q. Did you receive any other data requests from the Commission Staff in this case regarding the Highland and Willowbrook solar projects?
- A. I don't recall any.
 - Q. Have you made any attempt to identify the

costs associated with the Willowbrook and Highland projects incurred by your staff in regard to the meetings that you indicated took place sometime in September 2019?

- A. Those costs were part of normal -- our normal customer service work and were documented separately that I am aware of.
- Q. Since these employees are under your supervision, those, I think you indicated previously, are AEP Ohio employees, correct?
 - A. That's correct.

2.1

2.2

Q. Would this time be separately billed to AEP Ohio under internal accounting rules?

MR. WOLFFRAM: Your Honor, I guess I'll object as outside the witness's -- outside the scope of the witness's testimony. Again, this seems to be a rehash of issues raised and more properly addressed to Company Witness Roush regarding the accounting of time related to these specific projects and so I'll object as outside the scope of Mr. Williams' testimony.

MR. DARR: Part of Mr. Williams' responsibilities is the supervision of these employees and their activities. Certainly he is the appropriate witness to indicate how the billing is --

is under -- is undertaken by his department.

Additionally, the scope of the examination goes to

Objection E raised by IEU and is for the purpose of
establishing that there are cost components

2.1

EXAMINER SEE: Mr. Williams can answer the question.

associated with these kinds of activities.

MR. WOLFFRAM: Thank you, your Honor.

THE WITNESS: Could you please repeat?

MR. DARR: Yes.

- Q. (By Mr. Darr) Do you know whether or not the costs associated with the meetings that we've been talking about are separately billed back to Ohio Power under its cost-allocation methods?
- A. I don't know. I'm not familiar with how the cost allocations and the spread of dollars go within the system. I'm just not aware of that.
- Q. In November of 2019, the Public Utilities Commission found that there was no generation supply needed from the two projects, correct?

MR. WOLFFRAM: Your Honor, I'll object as there has been no foundation laid that Mr. Williams has any knowledge of that Order.

MR. DARR: Your Honor, I think for purposes of administrative notice, we can determine

the response to my question if that would solve the problem. The Commission issued an Order on November 21, 2019, in Case 18-501, in which it determined there was no generation supply need for these two projects. If Mr. Wolffram is willing to agree to administrative notice of that fact which is easily ascertainable from Commission records, I will

2.1

move on.

MR. WOLFFRAM: Well, I think my specific objection was to the extent that you are asking Mr. Williams to opine or under -- whether he has knowledge of the Order itself; and so again, I don't -- I don't know that stipulating to the actual Order solves the issue of whether or not Mr. Williams has any knowledge or has even reviewed that Order in that case.

EXAMINER SEE: Mr. Darr, were you asking Mr. Wolffram to stipulate to what's in Case
No. 18-501 or are you continuing with your question to Mr. Williams?

MR. DARR: Hearing inquiry, your Honor.

If it's appropriate for the Bench to take

administrative notice of the Commission's decision in

Case No. 18-501, I will withdraw the question and

move on. If not, I think the question is appropriate

but, you know, if Mr. Wolffram is not willing to -or is objecting to take administrative notice, then I
would like to ask -- ask for a ruling on my question.

2.1

MR. WOLFFRAM: Again, I think my objection is foundational rather than, you know, again the Order says what it says and so, to that extent, you know, if the Bench wants to take administrative notice of that but, again, there has been no foundation that Mr. Williams is the appropriate witness to ask questions regarding the Order. And so, again, I would object on the grounds there has been -- even if we take administrative notice of the Order, Mr. Williams has not been established as having knowledge of said Order.

MR. DARR: Your Honor, I will withdraw the question and we will attack it this way.

- Q. (By Mr. Darr) Mr. Williams, are you aware of the -- of an application filed by AEP Ohio concerning the two projects at Willowbrook and Highland?
 - A. I don't recall the specific Order, no.
- Q. That wasn't my question, Mr. Williams.

 Let me try again.

Are you aware of a -- an application by

AEP Ohio to secure a determination of a need for

generation supply from the Highland and Willowbrook projects?

A. Yes, I'm aware of that.

2.1

2.2

- Q. And are you aware of whether or not the Commission found that there was a need for generation supply from those two projects?
 - A. Yes, I'm generally aware of that, yes.
- Q. And are you familiar with the fact that the Commission, in an Order issued by the Commission, determined that there was no generation need for those projects?
- A. Generally. I don't know the date. I don't recall the date but, generally, that's my understanding.

MR. DARR: Now, I think I solved
Mr. Wolffram's problem. If we can move on then, your
Honor, I would like to have the record indicate
administrative notice of the Commission's decision on
November 21, 2019, in Case No. 18-501.

EXAMINER SEE: And we will take administrative notice of that Order.

Q. (By Mr. Darr) Following the Commission's decision in November of 2019 in the Highland and Willowbrook forecasting case, did AEP Ohio continue to support renewable energy projects to improve its

future generation mix?

2.1

2.2

- A. I don't know.
- Q. Turning your attention to what's been previously marked as IGS Exhibit 20. Do you have that in front of you?
 - A. Yes, I do. I actually do, yes.
- Q. And directing your attention to the section with the header "Meeting Customer Demands," last paragraph, I would ask you to read that last paragraph in that section to yourself silently and indicate -- and after you have completed that, indicate that you have had a chance to read that.

EXAMINER SEE: Mr. Darr, what section was that again? It's IGS Exhibit 20.

MR. DARR: Yes.

EXAMINER SEE: And you want IGS 20 marked and what is the heading?

MR. DARR: I apologize, your Honor. I went too quickly. It is IGS -- I would like to have marked as IGS 20, a web page with the header "Renewables."

(EXHIBIT MARKED FOR IDENTIFICATION.)

Q. (By Mr. Darr) Mr. Williams, if you would, when you have completed your review, if you could indicate that to me, please.

- A. Yes. And I think, just to make sure, I read this second paragraph under "Meeting Customer Demands"; is that correct? Is that what you wanted me to read?
 - Q. Yes, sir.

2.1

- A. And I have completed that.
- Q. Okay. Based on your review of the paragraph I directed your attention to, does that assist your recollection as to whether AEP Ohio remained committed to supporting renewable energy projects?
 - A. No.
- Q. In fact, the Company has, under your direction, engaged in discussions with customers with regard to customer-sited solar projects, correct?

MR. WOLFFRAM: Your Honor, I guess I'll object. Again, the witness has indicated -- his answer to the previous question was no, that this didn't refresh his recollection; so to ask the follow-up question as it relates to that would be -- is outside, you know, it's not relevant at this point and, again, the witness does not have the requisite recollection.

MR. DARR: No. It's a total different question, your Honor. I asked whether or not

1 Mr. Williams' group was engaged in discussions with customers with regard to customer-sited projects.

2.1

2.2

That's simply asking for his activities as -- as stated in the question. It has nothing to do with whether or not he has any current feeling about the information that I directed his attention to.

THE WITNESS: Could you repeat the question, please? I apologize.

MR. DARR: Could I have it read back, please.

(Record read.)

- A. When customers have expressed an interest in -- to us about a renewable customer-sited -- mercantile renewable customer-sited project, we have had discussions with customers about those.
- Q. And to the extent that you would engage in one of those projects, the costs of such projects would be tracked and recovered through an agreement with the mercantile customer, correct?

MR. WOLFFRAM: Your Honor, I am going to object on relevance grounds here. Again, I think based on the fact that Mr. Williams was subpoenaed and agreed to appear on behalf of ELPC, they -- this

line of questioning goes well outside the scope of what was asked during that cross-examination and now this has turned into a fact-finding mission about items that, you know, were previously addressed to Company Witnesses Moore, Roush, and so again I think it's outside the scope of what Mr. Williams has been — been made available to testify on and is not relevant to the overall hearing here today which is again regarding the Company's — the Stipulation that's at issue.

2.1

MR. DARR: Your Honor, Objection E put into play the Company's activities with regard to customer-sited generation. So the relevance of this question is established by the scope of the objection.

With regard to being bound by the agreement between AEP and OEC or ELPC, I was not a member of that agreement. And I am not bound by either the Rules of Evidence, the statutory rules with regard to the calling of an adverse witness. I am not required to limit my cross-examination to the scope of the witness's prior examination by OEC or ELPC.

MR. WOLFFRAM: Understanding that, Mr. Darr, but again, the questions have to be

relevant to what's at issue here which is the Stipulation and again, you know, it's the Company's position this line of questioning is not relevant to the overall Stipulation, the hearing we are having today. And again, to the extent that these questions were better addressed by Company witnesses that did provide testimony in support of the Stipulation, it's inappropriate to raise with Mr. Williams here now.

2.1

2.2

MR. DARR: Again, your Honor, it goes to an objection. We are not bound by the Stipulation in terms of the scope of this hearing. It is a hearing to address both the Staff Report -- objections to the Staff Report and the Stipulation. And just for the kicker, these questions were presented to -- in interrogatories to the Company, and the responding witness was Mr. Williams. If that needs to be developed to lay further foundation for these questions, I will gladly do so.

MR. WOLFFRAM: Your Honor, we are willing to stipulate to the discovery if that would save some time, but, again, our objection stands as to the other.

MR. DARR: Fine. Parties -- if -- if AEP is willing to do so, I would like to have marked as IGS Exhibit 18 which is the response to interrogatory

IGS Interrogatory 6-3; and as IGS Exhibit 19, the
response to IGS Interrogatory 6-4. And with
agreement of the parties, I would like to have those
-- agreement of AEP Ohio, I would like to have those
admitted into the record.

MR. WOLFFRAM: Your Honor, if we could have just a second to review those?

EXAMINER SEE: Yes. And with that, let's take a brief recess, 5 to 7 minutes. We're off.
We're off the record.

11 (Recess taken.)

8

9

10

14

15

16

17

18

19

20

2.1

2.2

23

12 EXAMINER SEE: Let's go back on the record.

Mr. Wolffram, have you had an opportunity to review the exhibits that IGS requested be marked IGS Exhibit 18 and 19?

MR. WOLFFRAM: Yes, your Honor. We do have one correction on IGS Exhibit 19. In the last sentence, the sentence reads "See the Company's response to IGS-INT-06-004." That should say "06-003."

MR. DARR: I have no objection to making that correction.

MR. WOLFFRAM: And with that correction, your Honor, we are willing to stipulate if this gets

us through this line of questioning as it relates to these exhibits.

2.

2.1

2.2

MR. DARR: Well, I have a couple follow-up questions, but. So this isn't going to completely close the door on this line of questions, your Honor.

MR. WOLFFRAM: Then we will just reserve our position to object to relevance as we move forward again.

EXAMINER SEE: Okay. IGS Exhibit 18 and 19 are so marked and we will pick up with questioning. I believe there was an outstanding objection by Mr. Wolffram and that objection is overruled.

MR. WOLFFRAM: Thank you, your Honor.

(EXHIBITS MARKED FOR IDENTIFICATION.)

EXAMINER SEE: Can we get the question read back again, please, Ms. Gibson?

(Record read.)

- A. That's correct. The project would be created and all those costs would be separately tracked.
- Q. Now, on what's been marked and admitted
 as IGS Exhibit 19, you refer to these costs that you
 are currently incurring with customer meetings with

mercantile customers as "incidental," correct?

A. That's correct.

Ο.

2.1

included as test year expenses; is that correct?

MR. WOLFFRAM: Your Honor, I'll object on the grounds of relevance again. Ms. Moore has already previously established that the expenses related to the -- these -- the two projects were outside the test year.

These employees' labor costs would be

MR. DARR: We are not talking about those two projects and that's the point of asking these questions, your Honor. We are not talking about Willowbrook and Highland now. We are talking about customer-sited generation as opposed to the Willowbrook and Highland projects which were not customer-sited.

MR. WOLFFRAM: And then, to that extent, we would object as to calls for speculation.

EXAMINER SEE: The objection is overruled. Mr. Williams can answer the question.

- A. Could you please repeat the question?
- Q. Sure.

Costs incurred by the Company associated with these meetings with mercantile customers would be included as test year expenses, correct?

- A. I don't -- I don't have any knowledge about what expenses would be included in the test year or not. I don't have that information, so I can't -- I don't know.
- Q. Would you agree with me that there is currently no rider or tracker in the Company's rates that identifies projects costs and removes them from the Company revenue requirement?

MR. WOLFFRAM: Your Honor, again, I'll object as outside this witness's knowledge.

EXAMINER SEE: And Mr. Williams can indicate that.

A. I don't know.

- Q. Are you aware of any proposal for tracking the project costs associated with meetings with mercantile customers concerning customer-sited generation?
- A. We have had no mercantile solar or renewable projects at all, so, no, there is no projects.
- Q. And by the same token there is no tracking going on, correct?
- A. We don't have any projects, so,
 therefore, there is no tracking of the project. We
 have to have a project before that would occur.

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

EXAMINER SEE: Were there other opposing parties who have questions for this witness?

Silence indicates that there aren't any other opposing parties that have questions for this witness, so let's move to the signatory parties. Are there signatory parties who have questions for Mr. Williams?

MR. McKENNEY: Your Honor, this is Bryce
McKenney for IEU. I do have just a couple questions.

EXAMINER SEE: Go ahead, Mr. McKenney.

13

CROSS-EXAMINATION

15 By Mr. McKenney:

1

2

3

4

5

6

7

8

9

10

11

12

14

16

20

- Q. Good morning, Mr. Williams. How are you?
- A. Good morning.
- Q. Mr. Williams, do you recall being asked about generation cost savings by Mr. Kelter?
 - A. Yes.
- Q. Likewise, do you remember Ms. Leppla
 asking you a question about Figure 1 in ELPC
 Exhibit 2?
- MS. LEPPLA: Your Honor, I just want to object. I don't ever recall referencing Figure 1 in

1 ELPC Exhibit 2.

4

5

6

7

8

9

10

11

12

13

14

15

16

17

2.2

23

24

25

2 MR. McKENNEY: Okay. I will withdraw the 3 question.

- Q. (By Mr. McKenney) Mr. Williams, can you turn to what has been marked JFW-1 attached to ELPC Exhibit 2 on page 18.
 - A. Yes, I'm there.
- Q. Thank you. Do you see that top paragraph entitled "Avoided Supply Costs"? That paragraph states that "AEP Ohio is using marginal cost values as forecasted by AEP Fundamentals group." Do you see that there?
- A. Yes, I do.

MR. DOVE: Your Honor, if I may. I apologize. I thought at the outset of this it was agreed that supporting parties wouldn't friendly cross Mr. Williams.

MR. McKENNEY: It's not intended to be friendly, your Honor.

20 EXAMINER SEE: Let me hear the question 21 first that led up to --

MR. DOVE: Okay. Apologies.

EXAMINER SEE: Okay. Hold on.

MR. McKENNEY: Do you want me to repeat?

EXAMINER SEE: Yes, please, Mr. McKenney.

- Q. (By Mr. McKenney) All I asked was if that is correct there, that third line states "AEP Ohio is using marginal cost values as forecasted by AEP Fundamentals group."
 - A. That's correct.

2.1

- Q. And then I am going to ask you to turn in that same exhibit in JFW -- it's actually JFW-2, page 19 of 44, entitled "Avoided Costs" at the top. Third line down, it says "These forecasted generation costs come from the AEP Fundamentals team." Did I read that correctly?
 - A. That's correct.
- Q. Mr. Williams, you are not on the AEP Fundamentals team, correct?
 - A. That's correct. I'm not.
- Q. To your knowledge is any witness testifying in this case on the AEP Fundamentals team?
 - A. No.

MR. McKENNEY: Thank you.

Your Honor, I have no further questions. I would note, however, that IEU-Ohio does intend to oppose the admission of ELPC Exhibit 2 for being based on hearsay; and that if your Honors do entertain admission of ELPC Exhibit 2, then we will have motions to strike on the grounds of hearsay and

989 1 lack of due process because there is no witness in 2 this case from the AEP Fundamentals team to support 3 the inputs for the conclusions made by Mr. Williams. 4 MS. LEPPLA: Your Honor, I am happy to 5 wait until we take up admission of this, but I just 6 would note that if Mr. McKenney has questions for 7 Mr. Williams about this further, he's presently on 8 the stand. 9 EXAMINER SEE: We can take up the issues 10 surrounding ELPC at a later point. Are there other 11 signatory parties --12 MS. BOJKO: Yes, your Honor. Sorry. 13 EXAMINER SEE: Are there other parties 14 that have questions? I take it you do, Ms. Bojko. 15 MS. BOJKO: I do. Thank you, your Honor. 16 EXAMINER SEE: Go ahead. 17 MS. BOJKO: Thank you. 18 19 CROSS-EXAMINATION 20 By Ms. Bojko: 21 Q. Good morning, Mr. Williams. 22 Α. Good morning. 23 Was the plan attached to your testimony Q. 24 and addressed in your testimony, an AEP proposal in 25 its application?

- A. My testimony and the exhibits attached, was it a proposal?
 - Q. Yes. Was it the Company's proposal filed with its application?
- A. It was a proposal in the original application.

3

4

15

16

17

20

2.1

22

23

- Q. And, Mr. Williams, you've testified before the Commission many times before; is that correct?
- 10 A. Yes. I've testified before the Commission before.
- Q. And in your experience, is the Company's application and proposals usually adopted in -excuse me. Let me rephrase.
 - In your experience are the Company's application and proposals usually adopted in their entirety as proposed?
- 18 A. That's fair. I've not experienced one 19 that's been adopted in its entirety.
 - Q. And if there is a stipulation filed in the case, it would be even more true that the Company's application is not likely adopted in its entirety, correct?
- A. Not in all cases but, yes, that's generally true, that there is change.

- Q. And that's because there is give and take when entering into a stipulation among the parties, correct?
- A. That's my understanding and my previous experience with stipulations.
- MS. BOJKO: Thank you, your Honor. I have no further questions.

1

2

3

4

5

10

11

12

13

14

15

16

17

18

19

20

24

25

8 EXAMINER SEE: Are there other signatory
9 parties that have questions for this witness?

not. And I believe that the parties agreed that there would be no redirect; is that correct?

MR. WOLFFRAM: That's the Company's position, your Honor, yes.

MR. KELTER: We're good with that if you are asking us, your Honor.

EXAMINER SEE: Okay. Thank you,

Mr. Kelter. And let's move to the exhibits. I'm

sorry. Does AE Parrot have any questions for this

witness?

21 EXAMINER PARROT: No, thank you.

EXAMINER SEE: Let's move to the exhibits that were marked.

MR. KELTER: Can we go off the record for one second, your Honor?

1 EXAMINER SEE: Let's go off the record.

2 (Discussion off the record.)

3 EXAMINER SEE: Let's go back on the

4 record.

5 Let's move to the exhibits that were

6 marked.

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

24

25

Mr. Kelter.

MR. KELTER: Your Honor, we had marked the direct testimony of Jon Williams and the accompanying exhibit in their totality as ELPC Exhibit 2, and we move for the admission of ELPC Exhibit 2 into the record.

EXAMINER SEE: Are there any objections to the admission of what has been marked as ELPC Exhibit 2?

MR. WOLFFRAM: Your Honor, the Company would object to the admission of ELPC Exhibit 2.

Again, Mr. Williams -- the Company did not offer Mr. Williams' testimony as part of the overall Stipulation in this case. The issues covered and were relevant to the Stipulation were covered by the other Company witnesses. Mr. Williams was appearing at the request of the opposing parties. The cross-examination -- he is not presenting testimony in support of the Stipulation.

To the extent that the parties asked cross-examination questions on the record relating to his testimony, those questions are on the record. It would not be otherwise appropriate to admit Mr. Williams' testimony in support of the Application that is not relevant to the overall Stipulation that is at issue in this proceeding, so the Company would object to the admission of ELPC Exhibit 2 on those grounds.

2.1

MR. KELTER: Your Honor, while I understand counsel's argument that it's not relevant to the Stipulation, the testimony as an exhibit is relevant to whether the moving parties who signed the Stipulation can meet both the standard that they have got to meet to get a stipulation approved and also the standards of the Public Utility Act.

Whether there is a Stipulation or not, they've still got to prove that they meet the test related to least cost service and just and reasonable rates. In Sections 4909.15, 4909.152, 4909.17, and also there is still a section on the books, 4905.70, that encourages conservation by the utilities to help reduce growth in energy demand. These things relate to parts 2 and 3 of the Stipulation standards, whether the Stipulation benefits customers and

whether it violates any important regulatory principles.

2.1

Finally, I would also add that in response to several questions Mr. Williams himself said that the answer to that question is in his testimony.

MS. GRUNDMANN: Your Honor, this is

Carrie Grundmann. I guess I would like to add on
since we've gone back and forth. Procedurally I have
been uncomfortable throughout these proceedings with
referring to the document as testimony. Mr. Williams
was never asked if he would like to adopt that
written document as his testimony. He was never
asked if he had corrections to that testimony. He
was never asked if it would actually be admitted as
it normally is in the regular course of business
before this Commission. And so I object to referring
to it in any respect as testimony because it hasn't
been subjected to the traditional set of questions
that direct testimony is before this Commission.

And I apologize for my co-counsel. He joins in my objection so, my son.

MS. O'BRIEN: Your Honor --

MS. LEPPLA: Your Honor, if I could directly address Ms. Grundmann.

EXAMINER SEE: Just a moment. Let's try one at a time.

2.1

MS. LEPPLA: I just wanted to directly address what Ms. Grundmann was saying. I understand that, and I think I was very clear in my questioning to refer to it as the testimony originally admitted as part of the Stip -- the proposal by the -- by the AEP. And certainly your Honors are capable of understanding the differentiation there. And if there are, you know, any kind of corrections we need to make, I'm sure to the discussion that we've had, but I think we are all referring to it as the testimony originally filed in support of the Application. But I do understand Ms. Grundmann's concern. I just don't think it's valid.

MS. O'BRIEN: Your Honor, if I may. I would just echo Ms. Grundmann's concern, also join the objections of AEP Ohio; and just add, to the extent, you know, ELPC and OEC had an opportunity to file testimony with respect to the three-prong test, they filed their testimony and that's their shot.

They shouldn't get the -- another opportunity to try to bootstrap Mr. Williams' testimony into the record. It's irrelevant to the three-prong test that the Commission considers in evaluating settlements, and

for that reason OCC objects as well.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

24

25

MS. BOJKO: Your Honor, OMAEG joins in the objections of both AEP, OCC, Walmart, as well as those articulated earlier by IEU.

I do think Ms. Leppla did a nice job of asking her questions in the way to frame it as to the Application. But with all due respect, I don't think that others did so, and I think that the record is confusing; and reading proposed testimony into the record I think is inappropriate and that is what was intended. I think that the questions can stand on their own without having Mr. Williams -- and the answers without having Mr. Williams' proposed prefiled testimony added to the record in a DSM Plan. The other parties could have submitted their own DSM Plan. It was a proposed plan by the Company which they admit could change, has changed. Not all proposals are adopted by the Commission. And so it is just a proposal; and, thus, it's not any kind of evidence that can be or should be relied on. pieces of it into the record with no foundation is inappropriate. Mr. Kelter asked no foundation for any of his questions. He just dove right into reading from the prefiled testimony and that's not appropriate, so I would add for lack of foundation

to -- to the additional objections that have already been stated here this morning.

2.1

MR. KELTER: Your Honor, I do want to respond briefly to one thing Ms. Bojko said which I didn't lay any foundation for Mr. Williams' testimony. I asked him the first question -- or the second question I asked is did you prepare this testimony, or was it prepared under your supervision.

MR. McKENNEY: Your Honor, may I respond?

EXAMINER SEE: Go ahead, Mr. McKenney.

MR. McKENNEY: Thank you, your Honors. I would just note IEU-Ohio joins the objections by Walmart and the Company.

I would note that the additional problem that is presented here is that if ELPC Exhibit 2 is admitted, then you have the problem of parties potentially referencing portions of his testimony in briefs which have not been adopted and are not testimony in this case and will be represented in briefs as being testimony.

So I think the reason to not admit this is because it is not, in fact, testimony, and nobody has sponsored it and, therefore, it should not be in briefs. If anything is admitted into the record, it should only be those questions and those responses

which were asked by counsel from ELPC and OEC.

2.1

MR. MARGARD: Your Honor, Staff -- Staff completely concurs and joins in the objections to the admission of the testimony.

MS. COHN: Your Honor, OEG concurs and joins in those motions as well.

MS. LEPPLA: Your Honor, if I can just briefly respond. The suggestion that we would misrepresent the testimony in briefs, frankly, is slightly offensive, Mr. McKenney. Obviously we would be referring to it for what it was. And again, you know, the first opportunity -- we did have this opportunity to cross Mr. Williams. This record is now replete with references to his testimony and the Attachment JFW-1. I think it will be difficult to understand without this being available as part of the record.

And like I said previously, the

Commission is more than capable of weighing that

testimony appropriately. I think it has been

completely stated on the record, and references are

completely stated. We understand this is not

Mr. Williams' testimony. This is an exhibit we are

using and the Commission can recognize it as such.

And then finally just related to the

Stipulation standard, this does fit into a hearing determining the reasonableness of the Stipulation.

We don't believe the Stipulation is reasonable specifically because it fails to include this proposed DSM program plan. And, yes, not all stipulations adopt everything completely and not all orders do, we understand that, but this fails to be in the public interest as a result of this not being included and that's part of our argument. And so not including this as evidence, not Mr. Williams' testimony, would be a detriment to our case and it's really fundamental this be part of the record.

2.1

MR. WOLFFRAM: Your Honor, the Company would join all the objections stated previously. And again, to the extent the opposing parties have concerns related to Mr. Williams' testimony and how that relates to the three-part test, the Company did sponsor three witnesses in support of the Company's overall Stipulation and why the Stipulation meets the three-part test. To the extent they had questions regarding the removal of DSM as it relates to the overall Stipulation, those questions would have been better addressed to Ms. Moore. They had the opportunity to ask Ms. Moore those questions. They did not, or very limited questions on those. So it

would be inappropriate for them to now direct those questions at Mr. Williams and then use him as their own subject-matter expert when they did not present a witness that could have addressed the issues that they are now taking up with Mr. Williams.

2.1

To that point, the Company agrees with all the objections that have been raised and, at a bare minimum, would agree with Mr. McKenney that only the portions of Mr. Williams' testimony that were directly referenced would be the only appropriate parts of his application testimony -- Mr. Williams' testimony in support of the Company's Application that should be a part of the record.

MR. KELTER: Your Honor, ELPC and OEC indicated our intent to subpoena Mr. Williams to be available for cross, and AEP agreed to that. So once they agreed to that, then it no longer made sense for us to ask Ms. Moore or the other witnesses questions about DSM. Their DSM expert was available to answer those questions. And throughout this hearing, AEP has made objections based on the witness not being the appropriate witness to answer that question.

When it comes to the substance of DSM and the savings it creates for customers, clearly Mr. Williams is most qualified to answer that question.

MS. O'BRIEN: Your Honor, if I just may respond to Mr. Kelter's argument. What he says presumes Mr. Williams -- the exhibit that they are offering now would be testimony. I can't speak for AEP Ohio, but my understanding is that they did not agree to admit Mr. Williams' testimony -- the exhibit that ELPC now seeks to admit as Mr. Williams' testimony. Therefore, it would be presumptuous of ELPC and OEC to expect to have that testimony admitted to support their case.

2.1

MR. KELTER: Your Honor, in response to that, throughout this hearing and every hearing, witnesses are asked questions about exhibits that they are handed, often with no even previous knowledge of what the exhibit is. And then that exhibit gets admitted to the record as a supporting exhibit. I don't see where this is different than that --

MR. WOLFFRAM: Your Honor --

MR. KELTER: -- except that it's even more reliable.

MR. WOLFFRAM: Again, that comment there again reiterates the point that they are attempting to elicit Mr. Williams' testimony as testimony in support of an overall DSM Plan that's been removed

and, again, referenced on page 15 of Ms. Moore's testimony in support of the Stipulation, she directly addressed the Company's withdrawal of the DSM Plan. And so to the extent it cannot be presumed that just because the Company agreed to allow Mr. Williams to appear to answer specific questions that the opposing parties could not have asked those questions, as it relates to the overall Stipulation, to Ms. Moore and her testimony is directly on point.

2.1

2.2

EXAMINER SEE: If that's -- if all the parties have had a chance to respond to the objections to admitting ELPC 2, I would like to take a few minutes and confer with Ms. Parrot in regard to this issue admitting ELPC 2. But if we could, for this moment, move on.

Karen, if you could mark those arguments for me, when we started to take up the admission of ELPC 2 and its admission, I would appreciate it.

If we could move through the other exhibits that have been marked, let's do that at this point. IGS Exhibit -- I'm sorry, Mr. Darr. I think that's the first one. IGS Exhibit 8. Yes.

MR. DARR: I think we had marked 18, 19, and both of those were agreed to by the Company to be stipulated, and I believe you already admitted those

t.wo.

2.1

2.2

EXAMINER SEE: They were marked. I thought Mr. Wolffram was going to take the issue up of admission, at least there was some discussion about it. About stipulating to them later. But you also referenced IGS Exhibit 8 and 9. Were you not requesting admission?

 $$\operatorname{MR.}$ DARR: Those have already been admitted, your Honor.

10 EXAMINER SEE: Okay.

MR. DARR: So I believe or I thought I recall that 18 and 19 had already been admitted. We also marked IGS 20 but that was only for the purpose of refreshing recollection. I am not moving Exhibit 20.

EXAMINER SEE: Okay.

MR. WOLFFRAM: And then to the extent that our position needs to be restated, your Honor, we don't have any objection to the admission of IGS Exhibits 18 and 19, subject to the one revision that we had on the record.

EXAMINER SEE: Okay. Were there any other objections to the admission of IGS Exhibits 18 and 19?

Hearing none, IGS Exhibit 18 and 19 are

1 | admitted into the record.

2

3

4

5

6

7

10

11

12

14

15

16

17

18

2.1

2.2

23

24

25

(EXHIBITS ADMITTED INTO EVIDENCE.)

MR. WOLFFRAM: And, your Honor, if it would be helpful to the Bench, we are willing to e-mail that exhibit with that correction around to the court reporter if that would be helpful, the one correction to IGS Exhibit 19.

8 MR. DARR: Will you also mark the 9 exhibit?

MR. WOLFFRAM: Yeah. We could work with Mr. Darr if that works. We can coordinate to get that marked and corrected.

13 EXAMINER SEE: Okay Mr. Darr?

MR. DARR: Fine with me.

EXAMINER SEE: You can work with that?

Okay. I appreciate it. Thank you. We are going to go off the record for a minute.

(Discussion off the record.)

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

In regards to the request to admit ELPC -- what has been marked as ELPC 2, the Bench directs OEC, ELPC, and AEP Ohio to work together to highlight those sections of this exhibit so that the parties can use the highlighted portions that were

discussed in the course of cross-examination as a 1 2 part of their brief. OCC, ELPC, and AEP Ohio should 3 work together to -- and present -- and send to the 4 Attorney Examiners a proposed document which 5 highlights only those portions of this exhibit that 6 were discussed during the hearing. And by subsequent 7 entry, the Bench will file in the docket the 8 appropriate portions to be highlighted that may be 9 used in the parties' briefs. 10 With that understanding and 11 clarification, ELPC 2 is admitted into the record and 12 will be provided as an attachment to a future entry. 13 (EXHIBIT ADMITTED INTO EVIDENCE.) 14 MS. LEPPLA: Thank you, your Honor. 15 MR. KELTER: Thank you, your Honor. 16 EXAMINER SEE: Thank you very much, 17 Mr. Williams. You may step down. 18 THE WITNESS: Thank you. 19 EXAMINER SEE: Next witness is IGS 20 Witness Haugen. 2.1 MS. ALLEN: Yes. 22 MR. WOLFFRAM: I apologize. Can the 23 Company have a couple minutes to sanitize our 24 workstation? 25 EXAMINER SEE: We are going to need to

1006 take, as Ms. Allen requested yesterday, about a 1 2 10-minutes recess so let's resume at 12:10. 3 (Recess taken.) 4 EXAMINER SEE: Let's go back on the 5 record. If IGS could call its next witness. 6 7 MS. ALLEN: Thank you, your Honor. 8 Interstate Gas Supply, Inc. would like to call Joseph 9 Haugen. 10 EXAMINER SEE: And I see Mr. Haugen has 11 been promoted and is on camera. Mr. Haugen, if you 12 can please raise your right hand. 13 (Witness sworn.) 14 EXAMINER SEE: Thank you. 15 Ms. Allen. 16 MS. ALLEN: Thank you. 17 18 JOSEPH HAUGEN 19 being first duly sworn, as prescribed by law, was 20 examined and testified as follows: 2.1 DIRECT EXAMINATION 22 By Ms. Allen: 23 Q. Can you please state your name for the 24 record. 25 A. Joseph Haugen.

- Q. And who is your employer, Mr. Haugen?
- A. Interstate Gas Supply.
 - Q. Mr. Haugen, have you submitted testimony in this proceeding?
- A. I did.

1

2

3

4

5

6

7

8

9

10

11

12

13

MS. ALLEN: Okay. Your Honor, I would like to mark the direct testimony of Joseph Haugen on behalf of Interstate Gas Supply, Inc. as Exhibit -- as IGS Exhibit 1.

(EXHIBIT MARKED FOR IDENTIFICATION.)

- Q. Mr. Haugen, do you have what has been marked as IGS Exhibit 1 in front of you?
 - A. I do.
- Q. Does this contain your prefiled direct testimony?
- 16 A. It does.
- Q. And was this testimony prepared by you or under your direction?
- 19 A. It was.
- Q. And do you have any changes that you would like to make to this testimony?
- A. I have some minor clerical changes that I
 would like to address. There on page 8 of the
 testimony, the date "September 2016" in the chart
 should be replaced with "February 2017" that's the

```
1 | proper effective date.
```

2

3

4

5

6

7

8

9

16

17

18

19

20

2.1

22

23

24

And the second is in the footnote 4, on the third line, Case No. 17-

EXAMINER SEE: Just a second, Mr. Haugen.

If you could slow down just a minute and start with

those revisions again, please.

THE WITNESS: Sure. Yeah. On page 8, the date in the chart, "September 2016" should be replaced with February 2017.

10 MR. GALLON: I'm sorry. Did you say 2016 11 or 2015?

12 THE WITNESS: '16.

MR. GALLON: Thank you.

MS. BOJKO: I'm sorry. Now I am confused. Can you just repeat that again?

THE WITNESS: Yeah. Sure. So the date on page 8 where it says "September 2016" should be replaced with "February 2017."

EXAMINER SEE: Go ahead with your other revisions, Mr. Haugen.

A. And then the footnote 4 on page 8, on the third line where it says "Case No. 17-1462," it should be "1461." So changing the "2" to a "1." And that's all.

Q. Okay. Thank you, Mr. Haugen. And if you

were asked the same questions today from your testimony, would your answers be the same?

A. They would.

1

2

3

4

5

6

7

8

9

10

11

13

14

15

16

17

18

19

2.2

23

24

25

MS. ALLEN: Okay. With that, your Honor, I tender the witness for cross-examination.

EXAMINER SEE: First, do any of the parties opposing the Stipulation have cross-examination for Mr. --

MR. GALLON: Your Honor, would you entertain a motion to strike before we begin cross-examination?

12 EXAMINER SEE: Yes.

MR. GALLON: Thank you, your Honor.

AEP Ohio would move to strike on page 5, lines 1 through 3, the sentence that states "Our customers have informed us that the increase in this cost has been harmful to their budgets and their bottom lines." We move to strike this on the grounds that it is hearsay.

EXAMINER SEE: Is that your only motion to strike, Mr. Gallon?

MR. GALLON: No, your Honor. We have a second motion to strike as well.

EXAMINER SEE: Okay.

MR. GALLON: Should I proceed with that?

EXAMINER SEE: Continue, yes.

2.1

MR. GALLON: On page 10, lines 14 through 17, and footnote 9. Lines 14 through 17 discuss the Commission's grid modernization proceedings, and footnote 9, which is the citation for those lines, references the PowerForward Roadmap. This answer is in response to the question "Would failing to allocate transmission costs based on a customer's NSPL value be inconsistent with Commission precedent?"

The PowerForward Roadmap that Mr. Haugen cites in response contains a footnote that says "The Commission issues this policy document to provide guidance to interested stakeholders regarding the future of grid modernization in this state. Although this document represents the Commission's vision for grid modernization and outlines a process for moving forward, nothing in this policy document should be construed as binding upon the Commission in any future case before the Commission. Rather, any future decisions on grid modernization will be based upon the specific facts and circumstances in each case after all interested stakeholders have had a full and fair opportunity to participate."

So I would move to strike the statement

from the witness on lines 14 through 17 and footnote 9 on the grounds that the document itself states that it is not to be used as precedent in a proceeding like this one.

2.1

2.2

That's all from AEP Ohio, your Honor.

EXAMINER SEE: Would counsel for IGS like to respond to those motions?

MS. ALLEN: Sure. Thank you.

In response to the motion to strike on page 5 of Mr. Haugen's testimony, our customers have informed us that the increase in cost -- in this cost has been harmful to their budgets and their bottom lines, this statement -- and I believe it was objected to as hearsay, this statement is not being offered for the truth of the matter asserted but it's merely representative of what IGS's customers are reporting to IGS. Mr. Haugen is just testifying that this statement is made. He isn't mentioning it in an attempt to prove that it's hurting their bottom line or any suggestion like that so it's just being used as a -- he is just stating that these statements as made -- have been made, so it's not hearsay.

Additionally, this is something that

Mr. Haugen has learned from his interactions with

IGS's customers when helping them calculate pricing

and better manage their bills, so he is familiar with the customers' experience with transmission rates in AEP's service territory.

2.1

2.2

With regard to the reference to the PowerForward Roadmap, I would -- I would characterize the PowerForward Roadmap as described by the footnote read by counsel as guidance and it's still an instructive document used by the Commission when considering applications. So although it may not be traditional precedent in that term, it still is something that the Commission utilizes, relies on, and has cited in many of its orders since the Roadmap has been issued.

MR. GALLON: May I respond briefly, your Honor?

EXAMINER SEE: Yes.

MR. GALLON: Thank you.

With regard to page 5, the question -- or the statement says "Our customers have informed us." This indicates that Mr. Haugen believes that what he is hearing is true and, therefore, it is being offered for the truth of the matter asserted.

Ms. Allen's second grounds for including the statement, that this is based on Mr. Haugen's personal knowledge in talking with his customers,

further indicates that IGS believes that this is true. If IGS does not believe that this is true and is not including it for the truth of the matter asserted, then the statement is irrelevant.

2.1

With regards to the reference to the

PowerForward Roadmap, the question that Mr. Haugen is
asked on page 10 is whether failing to allocate

transmission costs based upon a customer's NSPL value
would be inconsistent with Commission precedent. If

Ms. Allen is now acknowledging that the PowerForward
Roadmap is not Commission precedent as the

PowerForward Roadmap itself states, then this
statement from Mr. Haugen and the reference to the

PowerForward map -- PowerForward Roadmap is not
responsive to the question and should be struck for
that reason as well.

in your last statement you said that the question should be struck. Are you -- are you expanding your motion to strike now or are you still referring only to the last sentence -- the sentence on lines 14 through 19?

MR. GALLON: I apologize if I was unclear, your Honor. I am not asking for the question to be struck. I am merely stating that the

answer that I've called out, that sentence, is no longer, by Ms. Allen's concession, responsive to the question because the PowerForward Roadmap is not precedent. The question should stand.

2.1

EXAMINER SEE: AEP's motion to strike what is appearing on page 5 of Mr. Haugen's testimony is denied given that Mr. Haugen, according to counsel, it has been his experience that that's what's been represented to him.

And as far as AEP's motion to strike portions of Mr. Haugen's testimony on page 10, the content and purpose of the PowerForward Roadmap, the Commission is perfectly capable of determining the purpose and -- of the PowerForward Roadmap and will take that testimony, give it -- and will give that testimony its appropriate weight. So that motion to strike is also denied.

MS. ALLEN: Thank you, your Honor.

EXAMINER SEE: If there are no further motions to strike, based on the information provided to the Bench, there are a few parties that would like to cross-examine Mr. Haugen. Let's start with One Energy Enterprises.

Counsel for One Energy Enterprises, LLC.
Let's move to counsel for OMAEG.

1015 1 MS. BOJKO: Thank you, your Honor. 2 3 CROSS-EXAMINATION 4 By Ms. Bojko: 5 Ο. Good afternoon, Mr. Haugen. Could you 6 turn to page 9 of your testimony, please. 7 Α. Yes. I'm there. 8 Ο. In the -- on page 9, you discuss recommendations; is that correct? 9 10 Α. That's correct. 11 One of your -- well, it's my 0. 12 understanding that your recommendation is to 13 eliminate the pilot program and -- the BTCR pilot 14 program and move forward -- move toward a more 15 permanent fix of the -- your perceived transmission 16 cost causation problem; is that fair? 17 Α. That's fair. 18 And in your testimony you are proposing a Q. 19 passthrough of -- of a customer's transmission costs 20 based on the customer's NSPL tag; is that correct? 2.1 Α. That's correct. 22 And you would agree with me -- and it's Q. 23

your understanding, sir, that the BTCR pilot program expansion was in -- let me back up.

24

25

You are familiar with the Stipulation

that was filed in this case, correct?

A. I am.

2.1

- Q. In the Stipulation filed in this case there was a continuation and expansion of what's called the BTCR pilot program, correct?
 - A. Yes.
- Q. And that pilot program is described on page 6 of your testimony, which permits participating customers to have their transmission costs allocated based on the customer's demand during -- during a 1 CP -- utilizing 1 CP versus a customer class allocation methodology, correct?
 - A. That's correct.
 - Q. Okay.
 - A. Yes.
- Q. You would agree with me, sir, that the BTCR pilot program contained in the Stipulation does provide benefits to those customers that are participating in the program, correct?
- A. That's correct. The customers that we have enrolled in the program have seen benefits and do plan to continue in the program.
- Q. And is it your opinion, sir, that the pilot program is an improvement over not having the pilot program, meaning that all customers would just

be allocated transmission costs based on the customer cost allocation -- customer class allocation methodology?

- A. I would agree with that, that the pilot program is a better cost method allocation policy than not having it at all.
- Q. So that is an improvement over how other -- customers participating in the BTCR program, that's an improvement over not having the BTCR program for those participating customers, correct?
 - A. I would agree with that.

MS. BOJKO: Okay. Thank you, your Honor.

I don't have any further questions.

EXAMINER SEE: Counsel for AEP Ohio.

MR. GALLON: Thank you, your Honor.

CROSS-EXAMINATION

By Mr. Gallon:

2.1

- Q. Good afternoon, Mr. Haugen. Just a few questions for you this afternoon. I want to start off by talking about what you call the basic BTCR in your testimony. What do you mean by the basic BTCR?
- A. I'm referring to just the standard transmission allocation process for customers not in the pilot program.

Q. So under the basic BTCR, customers in AEP Ohio's residential non-demand metered lighting county fair transmission supplement secondary and county fair transmission supplement primary classes, pay a cents per kilowatt-hour charge based on their energy usage, correct?

A. Correct.

2.1

- Q. And demand metered secondary, primary, and subtransmission transmission customers pay a charge based on their energy usage as well, correct?
 - A. Correct.
 - Q. But they also pay a demand-based charge.
 - A. That's correct.
- Q. This Stipulation that's been introduced as Joint Exhibit 1 would continue that basic BTCR without any significant changes, correct?
 - A. I believe that's correct, yes.
- Q. If you would turn to page 4 of your testimony, Mr. Haugen, lines 12 to 13.
 - A. I'm there.
- Q. Now, actually I'll start with line 10.

 You say "the limited expansion of the Basic

 Transmission Cost Recovery, or BTCR, Pilot, paired

 with the continuation of the BTCR's rate design will

 harm customers and violate the Commission's continued

direction to utilize interval data to further cost-causation principles." Did I read that correctly?

A. You did.

2.1

- Q. Is it your opinion, Mr. Haugen, that continuing the basic BTCR, as it's been previously approved by the Commission, will harm customers or violate Commission precedence?
- A. I believe that by not aligning the cost methodologies from the wholesale side to the retail side will cause harm to customers as a whole.
- Q. So it's your opinion that the currently-approved BTCR tariff is harming customers.
 - A. It is.
- Q. In place of the existing BTCR, you are proposing that AEP Ohio transition to a rate design based on a customer's individual service delivery identifier, or SDI, transmission tag?
 - A. That's correct.
- Q. And you explained that for interval metered customers, this means the transmission cost rider charge would be based on actual hourly usage at the date and time of the PJM AEP Zonal maximum demand from the previous November 1 to October 31, correct?
 - A. That's correct.

- Q. Do you know approximately how many of AEP Ohio's residential customers are currently interval metered? And by "how much," I'm asking a rough percentage.
 - A. I do not know.

2.1

2.2

- Q. Do you know approximately what percentage of AEP Ohio's nonresidential customers are currently interval metered?
- A. The last estimate that I had heard was around two-thirds.
- Q. So for whatever percentage of residential customers who don't have this interval metering and the one-third of nonresidential customers who don't have this interval metering, the transmission cost rider charge would be based on the load profile customer flat load shape, correct?
 - A. Correct.
- Q. Is it fair to say, Mr. Haugen, that under your proposal, all customers would have their transmission costs moved to a mandatory time-of-use tariff?
 - A. Can you repeat that question?
- Q. Is it fair to say that what you are proposing is that the BTCR be replaced with a mandatory time-of-use tariff for transmission costs

for all AEP Ohio customers?

2.1

2.2

- A. I want to define "time of use" a little more directly, but at a high level, I would agree that the customers' transmission costs should be assigned to them based off of their usage during the time the transmission zone peaks.
- Q. So you don't propose that any customer be able to opt in to this SDI-based transmission rider. It would be mandatory for all AEP Ohio customers.
- A. I believe there are two paths to go down which I talk about in my testimony. The first path is what you just described there where all customers would be moved into a program that aligns cost to causation.

The second would be limited to customers who opt in to the pilot program with an expansion that would allow us to offer it to anybody who is interested.

- Q. So, Mr. Haugen, you are clarifying that the two paths you describe in your testimony are alternatives; the Commission, in your mind, could choose one or the other.
 - A. Correct.
- Q. And you say in your testimony that under what we'll call path 1, AEP Ohio would transition to

a rate design for the BTCR that is based on each customer's SDI transmission tag; is that fair?

A. That's correct.

2.1

2.2

- Q. What do you mean by "transition"?
- A. To transition costs from the usage-based model to a demand-based cost that aligns with the wholesale causation.
- Q. In your mind are you using "transition" to be synonymous with "change"; or by using the word "transition" are you contemplating this change would take place over a period of time, not abruptly?
- A. For my experience in these changes, they always have to take place over time in order to adequately inform your customers what they're transitioning to.
- Q. So in your testimony you haven't specified the length of time over which this transition would take place, have you?
 - A. I have not.
- Q. And you haven't described the process by which this transition would take place, correct?
 - A. That's correct.
- Q. So, conceivably, following your first path would require AEP Ohio to file another application at some point in the future to accomplish

what you are describing?

1

2.

3

4

5

6

7

8

9

10

17

18

- A. That's correct.
- Q. It's just left unclear by your testimony, correct?
- A. I believe the Commission would have to order a directive in order for AEP to make the change so that was the direction of the testimony.
- Q. Mr. Haugen, are you generally familiar with the size of AEP Ohio's residential customer class?
- 11 A. A general idea.
- Q. For a rough order of magnitude, how many residential customers does AEP Ohio have?
- A. Oh, shoot. It's a large number. I don't have it off the top of my head. And I don't want to --
 - Q. Would you --
 - A. -- misspeak.
- 19 Q. I'm sorry, I talked over you.

20 Would you agree that looking at AEP
21 Ohio's customers as a whole, there are somewhere
22 between 1 and 2 million customers?

- A. That sounds accurate, yes.
- Q. Does your testimony include any analysis
 of the transmission cost rate impact for AEP Ohio's

residential customers from transitioning to the new rate structure you proposed for transmission costs?

A. It does not.

2.1

- Q. Does it include an analysis of the transmission cost rate impacts for any customer class for moving to the new transmission cost rate structure you propose?
- A. It does not. That analysis would be on an individual customer level so I have not included that.
- Q. To determine the impact of moving to this approach, this rate structure for transmission costs, AEP Ohio and the Commission would have to look at the effect on an individual customer level for between 1 and 2 million customers?
- A. You would probably group them by some customer classes, but I can tell you that customers we have looked at in the pilot program, it has been on an individual level.
- Q. Has IGS proposed tariff language to implement the new transmission cost rate structure you propose?
 - A. We have not.
- Q. So you haven't proposed specific transmission cost rider charges for the various

customer classes if AEP Ohio were to transition to this new SDI-based rate structure?

- A. I have not in this testimony, no.
- Q. Mr. Haugen, if I can ask you a few questions about the BTCR pilot that you mentioned earlier. The pilot program, as it currently stands, permits participating customers to have their transmission costs allocated based on the customer's demand during the single zonal transmission peak, correct?
 - A. That's correct.

2.1

- Q. And you say that the way the BTCR pilot program allocates costs mirrors the methodology used by PJM, correct?
- A. To determine the demand-side portion of it, that's correct.
- Q. And if I could direct your attention to page 7 of your testimony. You say "A true pass through of transmission service" -- let me stop and direct you to the line numbers. Lines 3 through 5.

 "A true pass through of transmission service sends a very transparent pricing signal to each customer to reduce demand during peak load conditions and thereby reduce the need for increased transmission investment." Did I read that right?

A. You did.

2.1

2.2

- Q. So, in your opinion, giving customers control over their transmission costs can help reduce investments in transmission and help reduce costs for Ohio consumers.
- A. So what I am stating there is that by reducing the overall peak demand on the grid that would -- could reduce investment in transmission across the entire area.
- Q. And reducing investment in transmission across the area could have benefits for all AEP Ohio customers.
 - A. That's correct.
- Q. Mr. Haugen, are you generally familiar with the history of the BTCR pilot? By which I mean the manner in which it was first adopted by the Commission and the manner in which it's changed over time?
- A. I'm familiar with its current form and how we operate in the pilot today. At a high level,

 I know how --
 - Q. Would you --
- A. -- we got here, but if there is something specific, I would like to look at it more directly.
 - Q. I'm sorry, I spoke over you.

1027 Would you agree that the BTCR pilot was 1 2 originally approved around 2017? 3 Α. That sounds correct, yes. And that it originally allowed up to 19 4 Ο. 5 customers to participate? 6 That sounds correct, yes. Α. 7 And then in 2018, it was expanded to Q. allow 34 customers to participate? 8 9 I believe that's correct. Α. 10 And you note in your testimony that there Q. 11 are IGS customers participating in the pilot, 12 correct? 13 Α. That's correct. 14 How many IGS customers are currently Ο. 15 participating in the pilot? 16 Two, I believe. Α. 17 And who are those customers? Q. 18 MR. OLIKER: Objection. Can we go off 19 the record, your Honor? 20 EXAMINER SEE: Who is speaking? 2.1 MS. ALLEN: I believe that's Joe Oliker. 22 EXAMINER SEE: Mr. Oliker, let's go --23 let's go off the record. 24 (Discussion off the record.) 25 EXAMINER SEE: Let's go back on the

record.

2.1

2.2

MS. ALLEN: Your Honor, may I submit an objection to the question counsel just posed to Mr. Haugen? I'm concerned about if there is a -- if there's -- the names of our customers participating in the pilot are confidential.

MR. GALLON: Your Honor, if IGS believes the names are confidential, I will withdraw the question and instead ask Mr. Haugen to describe the types of customers who are participating.

MS. ALLEN: I would appreciate that.

- A. So, yeah, at a high -
 EXAMINER SEE: Go ahead, Mr. Haugen.
- A. So the documentation we receive for the customers are always marked confidential from AEP so I will treat it as such and just answer the second question. They are large industrial customers related to manufacturing.
- Q. Has IGS been able to find two IGS customers to participate in the BTCR pilot every year since 2018?
- A. I believe the first year. Maybe the second year was only one customer. I am not sure when the second account was -- was added.
 - Q. We talked about how the number of

customers permitted to participate in the pilot has increased gradually over time. Total participation as measured by megawatts has also increased over time for the BTCR pilot, correct?

- A. With IGS, it has; and I would assume with the customer count increasing, the megawatts have increased as well.
- Q. Are you aware that the megawatt -- that the BTCR pilot has a megawatt cap for all participants?
 - A. I am aware of that, yes.
- Q. Were you aware that that cap started at 400 megawatts in 2018?
 - A. That sounds correct.

1

2

3

5

6

7

8

9

10

11

14

18

19

20

2.1

22

23

- Q. And that increased to 500 megawatts in 2019 and 2020?
- 17 A. I believe that's correct, yes.
 - Q. So since 2017, the number of customers allowed to participate in the BTCR pilot has gradually increased, correct?
 - A. That's correct.
 - Q. And the total megawatt participation in the BTCR pilot, while limited, has gradually increased over the last few years as well.
- 25 A. That's correct.

- Q. And the Stipulation in this case would allow approximately 15 to 16 more customers to participate in the BTCR pilot program, correct?
 - A. That's correct.

2.1

2.2

- Q. And it would also raise the megawatt participation cap to 800 megawatts for 2022, 900 megawatts for 2023, and 1,000 megawatts for 2024; is that right?
 - A. That's correct.
- Q. So the Stipulation would continue the gradual increase in customers and megawatt participation that has been evidenced in the BTCR pilot over the last few years?
 - A. That's correct.
- Q. And I apologize if you answered this question for Ms. Bojko, but that expansion of the pilot program could reduce investments in transmission area wide, correct?
 - A. I believe that's correct, yes.
- Q. And by reducing investments in transmission area wide, this expansion of the current BTCR pilot could reduce costs for Ohio consumers, correct?
- A. That's correct; by reducing the peak demand for transmission as a whole.

Q. In your testimony you are proposing to eliminate the participation allotments and the megawatts caps on the BTCR pilot entirely, correct?

A. That's correct.

2.1

- Q. And you would do that immediately upon effect of a Commission order in this case, correct?
 - A. Ideally that would be immediate, yes.
- Q. So you're suggesting that the BTCR pilot should be opened up to anyone who wishes to participate at whatever level of demand they want.
 - A. That's correct.
- Q. Does your testimony include any analysis of the rate impact for residential customers if the Commission were to open up the BTCR pilot to anyone who wishes to participate at whatever level of demand they want?
 - A. It does not include that analysis, no.
- Q. Do you anticipate that every industrial AEP Ohio customer who could join the BTCR pilot would choose to do so given the option?
- A. It's difficult to anticipate what every customer would do. I believe every customer would at least be interested in learning more about it; and with the current limitation on the number of customers who can participate, it makes it difficult

for us to market and inform customers, knowing that the cap is so limited.

2.1

2.2

- Q. You said that you anticipate that industrial customers would at least be interested in learning more about it. Would you agree that it's impossible to know whether any particular industrial customer would want to join the BTCR pilot because each of those customers would have to do their own analysis to determine their ability to shift load to avoid the zonal peak?
- A. That is correct; and that is an analysis that we help our customers with.
- Q. So for at least some industrial customers within AEP Ohio's customer base, it may not be possible or economical to shift to the rate structure used in the BTCR pilot, correct?
 - A. That is a potential.
- Q. And it follows, doesn't it, it would not be economical for at least some industrial customers in AEP Ohio's customer base to shift to the new transmission rate structure you proposed for every customer in AEP Ohio's customer base, correct?
- A. While it may not be economical for every organization, it would allocate the true transmission cost to the customer for what they are incurring.

- Q. Just a few more questions about that first path you suggested, the changing the transmission cost rate structure. I believe you said that the current BTCR is harming customers; is that fair? Is that a fair description of what you said?
- A. The limitations to the BTCR pilot is harming customers.

2.1

- Q. So the fact that nonparticipants are being charged transmission costs under the basic BTCR that the Commission has approved, is, in your mind, harming customers.
- A. Yeah. I can give you some very specific examples, if that would help.
 - Q. For now, I just want to make sure I understand your prior testimony. If you believe the basic BTCR is harming customers, when did that harm begin? Did it begin when the BTCR was originally approved by the Commission?
 - A. I believe some of that harm has occurred since it was put in place.
- MR. GALLON: Your Honor, if I could have just a minute to review my notes, I may be able to wrap this up.
- 24 EXAMINER SEE: Certainly.
- MR. GALLON: Thank you, your Honor.

1034 1 (Discussion off the record.) 2 EXAMINER SEE: Let's go back on the 3 record. Mr. Gallon. 4 5 MR. GALLON: Thank you, your Honor. 6 Mr. Haugen, I appreciate your time this afternoon. 7 That's all the questions that I have. 8 EXAMINER SEE: Are there -- those are the 9 organizations supporting the Stipulation that 10 indicated that they had questions for this witness. Are there any other signatory parties that have 11 12 cross-examination for Mr. Haugen? 13 MS. COHN: Your Honor, I have just one 14 follow-up question to Ms. Bojko's cross. 15 EXAMINER SEE: Go ahead, Ms. Cohn. 16 17 CROSS-EXAMINATION 18 By Ms. Cohn: 19 Mr. Haugen, I am just following up a Ο. 20 little bit what you said to Ms. Bojko earlier. Are 2.1 you proposing to eliminate the pilot completely or just to eliminate the stipulated participation limits 22 23 and megawatt-hour caps? 24 Just the participation limits and 25 megawatt-hour cap. Megawatt.

1035 MS. COHN: Okay. Thank you. No further 1 2 questions. EXAMINER SEE: Are there any -- is there 3 any other cross-examination by a signatory party? 4 5 Ms. Allen, any redirect for Mr. Haugen? MS. ALLEN: May I have a few moments to 6 7 consider it? 8 EXAMINER SEE: Yes, Ms. Allen. 9 MS. ALLEN: Thank you. 10 (Discussion off the record.) 11 EXAMINER SEE: Let's go back on the 12 record. 13 Ms. Allen, do you have any redirect for 14 this witness? 15 MS. ALLEN: No, your Honor. We have no redirect but now I would like to move for the 16 17 admission of IGS Exhibit 1. 18 EXAMINER SEE: Are there any objections to the admission of IGS Exhibit 1? 19 20 MR. GALLON: Your Honor, pursuant to your 2.1 prior rulings on my motions to strike, no further 22 objections. 23 EXAMINER SEE: With that, IGS Exhibit 1 24 is admitted into the record -- I'm so sorry.

one step back. I didn't inquire if there were any

```
1036
     questions by AE Parrot.
 1
 2
                 EXAMINER PARROT: No, no questions.
 3
                 EXAMINER SEE: Thank you.
 4
                 (EXHIBIT ADMITTED INTO EVIDENCE.)
 5
                 EXAMINER SEE: Now with that, thank you,
    Mr. Haugen. You may step down.
 6
 7
                 THE WITNESS: Thank you.
 8
                 MS. ALLEN: Thank you.
9
                 EXAMINER SEE: Given the time, it's about
     10 after 1 and the fact that we have a rather long
10
11
     evening -- afternoon of questioning for Mr. Lacey,
12
     let's take a lunch break now and we will come back at
13
     1:40. Thank you.
14
                 Let's go off the record.
15
                 (Thereupon, at 1:09 p.m., a lunch recess
16
     was taken.)
17
18
19
20
2.1
22
23
24
25
```

```
1037
 1
                               Tuesday Afternoon Session,
 2
                               May 18, 2021.
 3
 4
                 EXAMINER SEE: Let's go back on the
 5
     record.
 6
                 IGS may call their next witness.
 7
                 MR. OLIKER: Thank you, your Honor. IGS
 8
     and Direct would call Frank Lacey to the stand.
9
                 EXAMINER SEE: Mr. Lacey, I see you've
10
     already been promoted. If you can raise your right
11
     hand.
12
                 (Witness sworn.)
13
                 EXAMINER SEE: Okay. Thank you.
14
                 You can proceed, Mr. Oliker.
15
                          FRANK LACEY
16
17
    being first duly sworn, as prescribed by law, was
     examined and testified as follows:
18
19
                      DIRECT EXAMINATION
20
    By Mr. Oliker:
                 Good afternoon. Could you please state
2.1
            Ο.
22
     your name for the record.
23
            A. Yes. It's Frank Lacey, L-A-C-E-Y.
24
            Q. And who is your employer?
25
            A. I am self-employed; Electric Advisors
```

Consulting.

1

2

3

4

5

6

7

8

14

15

16

18

19

20

- Q. And have you submitted prefiled testimony in this case on behalf of IGS Energy and Direct Energy?
 - A. I have.
- Q. And is that document currently in front of you?
 - A. It is.

9 MR. OLIKER: Your Honor, at this time I
10 would like to mark Exhibit -- IGS/Direct Exhibit -11 Exhibit 2.

EXAMINER SEE: The exhibit is so marked.

(EXHIBIT MARKED FOR IDENTIFICATION.)

- Q. (By Mr. Oliker) And, Mr. Lacey, was IGS/Direct Exhibit 2 prepared by you or under your direction?
- 17 A. It was.
 - Q. And do you have any changes that you would like to make or clerical corrections to that testimony?
- A. Yes. I have two clerical corrections.

 On page 18, footnote 25, it points to the wrong

 source. It should point to the PUCO Electric Choice

 Activity Report dated February 2021.

25 And on page 29, footnote 50, there is

just a typo. It says, in the second line of the footnote, it refers to "Exhibit FLP." It should --

EXAMINER SEE: Just a moment, Mr. Lacey.

THE WITNESS: I'm sorry, your Honor.

EXAMINER SEE: You said that was footnote

50?

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

24

25

THE WITNESS: Yes, ma'am.

EXAMINER SEE: Okay.

A. In the second line of that footnote it refers to "Exhibit FLP." It should just be "FPL." The letters were reversed.

MR. HEALEY: Can I ask -- can I get that first one again. It's not clear to me exactly how that footnote should read. He said it should refer to some document, instead of stating exactly what it would state.

THE WITNESS: It should say "See PUCO Electric Choice Activity Report, February 2021."

MR. HEALEY: Thank you.

MR. OLIKER: Your Honor, I believe there is a direct website link for that citation but it is very, very long, so I will defer to your preference whether he can leave it as such given that it's the PUCO's own website.

EXAMINER SEE: What about you send the

website to all of the parties and the Bench as well as the court reporters.

MR. OLIKER: Brilliant idea, your Honor.

I will do that.

EXAMINER SEE: Thank you.

- Q. (By Mr. Oliker) And, Mr. Lacey, do you have any other corrections to your testimony?
 - A. I do not.

2.1

- Q. So subject to the corrections you just made, if you were asked the same questions in your testimony today, would your answers be the same?
 - A. They would.

MR. OLIKER: With that, your Honor, I would move for the admission of the exhibit and tender the witness to cross-examination.

EXAMINER SEE: Thank you.

Do any of the other opposing parties have cross-examination for Mr. Lacey?

Your silence indicates that no other opposing party -- no other party opposing the Stipulation has cross-examination for this witness. So let's move to the signatory parties. Let's start with One Energy Enterprises. Is counsel for One Energy Enterprises on the line in the Webex?

Okay. Let's move to Ohio Consumers'

1041 Counsel. 1 2 MR. HEALEY: Yes, your Honor. Before I start, could I ask Mr. Oliker to send that website 3 link before we get started because I may have 4 5 questions on that. I believe I know what he is 6 talking about, but I want to make sure we are all on 7 the same page. 8 EXAMINER SEE: Certainly. 9 MR. OLIKER: The link should be coming 10 very soon and I will send it to the other parties 11 shortly. 12 EXAMINER SEE: Mr. Oliker, is there any 13 reason you can't send it to all the parties now? 14 MR. OLIKER: I'm in the middle of doing 15 that, your Honor. I just wanted to make sure 16 Mr. Healey had as much time as possible. 17 EXAMINER SEE: Okay. Let's go off the 18 record. 19 (Discussion off the record.) 20 EXAMINER SEE: Let's go back on the 2.1 record. 2.2 Mr. Healey. 23 MR. HEALEY: Yes, your Honor. Thank you. 24

CROSS-EXAMINATION

By Mr. Healey:

2.1

- Q. Mr. Lacey, you are proposing in your testimony to allocate about \$64 million to SSO customers through the Retail Reconciliation Rider, correct?
 - A. Yes.
- Q. And that's because you believe that AEP incurs certain costs for its Standard Service Offer, or SSO, so only SSO customers should pay those costs, correct?
- A. There are costs -- yes, there are costs that AEP incurs such as rent, computers, billing system, that service -- that are used to service SSO customers, and SSO customers should pay those costs, that is correct.
- Q. Now, in your testimony you did not similarly allocate any costs exclusively to shopping customers, correct?
- A. That -- I don't believe that there is a AEP tariff for shopping customers to allocate costs to, but even if there were, it wouldn't make any sense to allocate distribution costs to shopping customers.
- Q. And you, in fact, did not allocate any

costs to shopping customers, correct?

A. That is correct.

2.1

- Q. So your testimony is that AEP incurs more than \$64 million for SSO customers exclusively but zero dollars for CRES customers exclusively?
- A. There's no analysis for the CRES customers. There's no FERC accounting for CRES customers. To the extent they incur costs related to shopping, that's not a CRES customer cost, that's a cost of operating in the market which benefits all customers, so those costs should go to all customers.
 - Q. Okay. So not even \$1 to CRES customers?
- A. Well, CRESs get charged fees by AEP, but I did not allocate costs to CRES customers. There is no mechanism to do that.
- Q. Is it your testimony that if AEP did not have an SSO, it would be able to reduce its costs by \$64.4 million?
- A. The whole purpose of an indirect cost is it's a cost that supports more than one business; so, no, that's not my testimony at all.
- Q. Okay. Is -- did you try to calculate any number of dollars that AEP would save if it had no SSO? In your testimony?
- 25 A. What I did was I ran an analysis that

said, you know, if there was one SSO customer left, that customer would pay, I forget the number, it's in my testimony, like \$60 for the year or \$70 for the year, something like that, so the allocation would go significantly -- be reduced to practically zero if there were practically zero cost -- SSO customers being served by AEP.

- Q. Right. That answer pertains to the costs allocated through the rider. My question is would AEP reduce the cost that it incurs if it had no SSO?
- A. I'm sure it would but I have not undertaken that analysis.
- Q. Are you aware that marketers, like IGS, have proposed similar rider mechanisms in previous PUCO cases which the PUCO has rejected?
- A. I have not participated in any of those cases so I don't have direct knowledge of those.
- Q. Now, you say you didn't participate.

 Have you read any of the orders in those cases?

 MR. OLIKER: Objection.
 - A. I was --

2.1

MR. OLIKER: Is counsel asking if he has read any of those orders before he sent them to him yesterday?

MR. HEALEY: I'm asking if he's read them

at any point at any time.

1

2

3

4

5

6

7

8

9

10

11

12

16

EXAMINER SEE: The witness can answer the question.

- A. I skimmed over those orders that I was sent by -- well, Mr. Oliker sent them to me last night. I am not sure who sent them to him. They are on the exhibit list and I skimmed over those orders last night. But if the question is have I read them to digest them, to understand them, no, I have not.
- Q. Have you ever read those orders before you filed your testimony in this case?
 - A. I have not; had not.
- Q. You are aware that in this case AEP, the
 PUCO Staff, OCC, and others have signed a
 Stipulation, correct?
 - A. I am aware of that, I didn't.
- 17 Q. Have you read the Stipulation?
- 18 | A. I have.
- 19 Q. Have you read the whole thing?
- A. I have.
- Q. Are you challenging the entire Stipulation as a package?
- A. I am challenging the fact that there is no allocation of costs to the SSO so if that means I'm challenging the whole thing, then I guess I am,

but I don't really know the repercussions -- I am not really sure what that means. As it stands right now, the Stipulation is not in the public interest.

- Q. Okay. You started to answer my question but you said if that means that you're challenging the Stipulation as a whole; does it mean that to you?
- A. I'm testifying about a very narrow part of the Stipulation, a part that it excludes and then a part -- another part that it does include. Those parts are not in the public interest. It's not in the public interest to not allocate costs appropriately to utility services.
- Q. Do you have a copy of the Stipulation with you today?
 - A. I have one, yes.
- 16 Q. Great. Can you turn to page 4.
- 17 A. Okay.

1

2

3

4

5

6

7

8

9

10

11

12

15

2.1

- Q. And paragraph E says "The Signatory
 Parties agree to an overall rate of return of
 7.28 percent." Do you see that?
 - A. I do.
- Q. But you don't address that in your testimony, correct?
- A. The reasonableness of that?
- 25 O. Correct.

- A. I do not.
- Q. And you have no expert opinion on the reasonableness of that rate of return, correct?
 - A. None that I have testified about.
- Q. Let's look at page 6 of the Stipulation, please.
 - A. Okay.
 - Q. And paragraph C refers to the
 Distribution Investment Rider, and subparagraph 1
 discusses various revenue caps. Do you see those?
- 11 A. I do.
- Q. And you are not challenging any of those as part of your testimony today, correct?
- A. I -- let me read those paragraphs. Are you just talking about C.1?
- 16 Q. Yes, C.1, the revenue caps for the DIR.
- 17 A. I am not testifying about that paragraph.
- 18 | C.1.

1

2

3

4

5

6

7

8

9

- 19 Q. Thank you.
- 20 Can you turn to page 16, please, of the 21 settlement. And I would just note for the record 22 when I refer to "the settlement," that's Joint 23 Exhibit 1 which has already been marked.
- A. You said page 16?
- 25 Q. Yes.

Α. Okay.

1

2

3

4

5

6

7

8

9

10

11

12

13

15

18

19

20

2.1

22

23

24

25

- And page 16, paragraph F.1, says the Q. Company will allocate 56.77 percent of the revenue requirement to residential customers. Are you challenging that revenue allocation in your testimony today?
- I'm not challenging that number, but to the extent that no allocations are being made to SSO, yes, I am challenging that.
- Okay. So maybe let's talk about that a Q. little bit. As a result of your proposal to allocate \$64.4 million to SSO customers through the Retail Reconciliation Rider, are you proposing a change to 14 that 56.77 percent number?
 - Α. I am not.
- Now, if your proposal is adopted -- let 16 Ο. 17 me strike that.

I'd like to look at page 43 of your testimony, please, specifically line 10. And on line 10 of page 43 of your testimony, you state that "Drawing on standard rate making principles, the clear answer is to charge all customers for the costs of the choice program, for all customers benefit from the choice program." Do you see that?

> Α. I do.

- Q. And then you continue on in line 14 to say that choice exists -- the fact -- sorry. "The simple fact that choice exists helps moderate SSO prices," correct?
 - A. That is correct.

2.1

- Q. And would you then similarly agree that the simple fact that the SSO exists helps moderate shopping prices?
- A. I -- competitive offers moderate each other. They police each other, yes. So is -- so I don't -- what I don't think is that the -- you know, the SSO price is a -- a moderator by itself. It -- it, itself, does not moderate prices. But it is one of the competitive offerings in the electricity market.
 - Q. Are you saying the prices in the competitive market offered by CRESs are not impacted whatsoever by the SSO price?
- A. I've not investigated that so I can't be for certain, but the mere fact of multiple competitive offers brings a policing effect on pricing to all competitors.
- Q. And when you say "competitive offers" there, that would include the SSO, correct?
- A. Yes.

- Q. Are you aware that the PUCO has previously found that the SSO benefits all customers?
- A. If you are talking -- are you talking about like a specific order or a specific finding?
 - Q. Yes. We can do that.

2.1

MR. HEALEY: Your Honor, at this time I would like to mark OCC Exhibit 16, please. And this is the PUCO's Second Entry on Rehearing, dated June 27, 2019, in Case 17-32-EL-AIR.

EXAMINER SEE: The exhibit is so marked.

(EXHIBIT MARKED FOR IDENTIFICATION.)

Q. (By Mr. Healey) And, Mr. Lacey, if you could turn to page 18 of this order, please.

MR. OLIKER: Objection. Mr. Healey has not established sufficient foundation to cross-examine the witness on this document. He has not shown he has even seen it before other than sending it to him yesterday.

EXAMINER SEE: Mr. Healey.

MR. HEALEY: I believe my only pending question is can you turn to page 18, so I don't think that needs any foundation.

EXAMINER SEE: So let's see. The objection is overruled at this point.

Q. (By Mr. Healey) Mr. Lacey, are you on

page 18?

2.

2.1

A. I am.

Q. And in paragraph 32, the PUCO said in this order "Accordingly, all customers benefit from Duke's ability to provide the SSO." Had you read that sentence in this order before you filed your testimony?

MR. OLIKER: Objection. Your Honor, as I stated before, he has not established that the witness has ever seen this document or read this paragraph or has any familiarity with this case.

MR. HEALEY: Your Honor, if I may respond?

EXAMINER SEE: Yes. Go ahead.

MR. HEALEY: The question I asked him was foundational in purpose by asking him if he had read this particular sentence in the order before filing his testimony. That's the foundational question that I am asking him.

MR. OLIKER: Your Honor, he needs to start with the document and then you can go to the specifics of the document but he hasn't even shown the document itself is accurate or can be identified by the witness.

MR. HEALEY: Your Honor, I am happy -- if

the witness wants to say he never read any part of this order, if he wants to say that, I will gladly move on.

EXAMINER SEE: Why don't you start there, Mr. Healey.

MR. HEALEY: Sure.

2.1

- Q. (By Mr. Healey) Mr. Lacey, prior to filing your testimony in this case, had you reviewed any part of what's now been marked as OCC Exhibit 16?
- A. I have not. I had not prior to my testimony.
- Q. So in -- in drafting your testimony you would not have considered the Commission's views as stated in this order, correct?
- A. This order did not form any of my opinions, that is correct.
- Q. Do you typically file testimony in regulatory proceedings without looking at Commission precedent?
- A. The markets evolve over time and I have never said that the market doesn't benefit everybody. The market benefits everybody. In fact, I've testified that it does. SSO is part of that market, but that doesn't mean that SSO should not have costs allocated to it properly. And right now, there are

no costs allocated to it so it's -- it has nothing to do with the kind of Commission precedent or whether I reviewed it. What -- or whether it's beneficial or not beneficial. It's not costed correctly to customers today and that's really the focus of my testimony.

- Q. Sure. I think you answered a different question than the one I asked. The question I asked was, do you typically file testimony in regulatory proceedings without reviewing precedent from that -- the Commission -- in front of which you are filing the testimony?
- A. I file testimony based on the facts of the case that I am operating in. And every case is unique so my testimony is based on the facts before me today.
- Q. Is it your testimony then that you consider Commission precedent to be irrelevant?
 - A. No.

2.1

- Q. So you consider it to be relevant.
- A. Commission orders are very relevant.

 They dictate -- this case, for example, I believe is a Duke Energy case and it -- dictates what happened in the Duke market.
 - Q. Sure. And then despite what you now

concede is relevant, you chose not to look at this precedent before filing your testimony, correct?

- A. It's relevant to the Duke market. And this is an AEP rate case. And I've never said that SSO is not beneficial.
- Q. Let's look at page 8 of your testimony, please.
 - A. I'm sorry, page 8?
- Q. Yes. And I would direct you to line 3.

 And starting on line 3, you are discussing testimony previously filed by AEP Witness Roush, correct?
 - A. Yes.

2.1

- Q. And you say that Mr. Roush's analysis is "anything but 'thorough' as it omits from SSO all of the most basic elements of running a business, such as rent, personnel, computers, systems, accounting and finance, and billing." Do you see that?
 - A. I do; and that is correct.
- Q. Is it your testimony that if AEP did not have an SSO, it's rent would be lower?
- A. No. As I have said, an indirect cost is a cost that supports more than one business so costs should be allocated to each business. I have not testified that these costs will go away, that rent will be lower. I've just testified that SSO should

be priced accurately and should have costs allocated to it appropriately.

- Q. Do you know when AEP first implemented an SSO in Ohio?
 - A. I don't remember the specific date, no.
- Q. Did you do any analysis of what rent AEP paid before it had an SSO and after it had an SSO?
 - A. I did not.

2.1

Q. Is it your testimony that if AEP did not have an SSO it would save money on personnel?

MR. OLIKER: Objection. Your Honor, this whole line of questioning assumes facts not in evidence. There is no part of Mr. Lacey's testimony necessarily focused on AEP not having an SSO; and under, you know, all of the statistics that he is included in his testimony, there is one, so unless he can establish that fact, all of this testimony — these questions are irrelevant. And they are also not valid by time; how long they will have an SSO, how long from now and it's very vague.

MR. NOURSE: Your Honor, I disagree. I would just point out that Mr. Lacey multiple times in his testimony uses the fact that if an SSO exists or doesn't exist, that's his test for whether costs should be shared; so I think that's grossly

inaccurate.

2.1

2.2

EXAMINER SEE: The objection is overruled. Mr. Lacey can answer the question. Do you need it read back to you, Mr. Lacey?

THE WITNESS: Please, your Honor.

MR. HEALEY: I can repeat it, your Honor.

- Q. (By Mr. Healey) Mr. Lacey, is it your testimony if AEP did not have an SSO, it could save money on personnel?
- A. I did not testify about that in what was presented to the Commission.
- Q. And did you do any analysis provided in your testimony showing how many employees AEP would no longer need if it did not have an SSO?
- A. I did not. But, again, the purpose of an allocation is not to -- direct costs are what you are referring to. Direct costs should be directly assigned to SSO. Shared costs are costs that benefit more than one business and those are allocated to -- to the businesses. In this case, costs should be allocated to SSO.
- Q. Now, you reference computers. Is it your testimony that AEP would be able to discard some of its computers if it did not have an SSO?
 - A. No. My testimony is that there is no

possible way that AEP could conduct the business of SSO without computers.

2.1

- Q. Is it possible for AEP to support the ability of CRES providers to offer service to Ohio customers if AEP did not have any computers?
- A. I don't think it would be possible for AEP to run any of its businesses without computers.
- Q. Now, we discussed this a little bit, I just want to lay some foundation as we go through the next line of questioning. If your proposal was adopted, SSO customers would pay about \$64.4 million through the Retail Reconciliation Rider, correct?
- A. That's not a net number -- well, I guess it is. Their total costs, customer costs, don't go up. I think that's very important. This is just moving costs from one bucket to another. AEP's revenues stay the same. So there is a movement of \$64 million in costs. There is not an increase.
- Q. Understood. My question is very specific, it's about the charges through the Retail Reconciliation Rider only and only to SSO customers. True or false: Under your proposal, if adopted, SSO customers would pay \$64.4 million through the Retail Reconciliation Rider?
 - A. Yes, but that is exclusive of the credit

that they would receive on the distribution revenue.

- Q. Sure. We will get to that. I just want to walk through the mechanics of your proposal. I am not trying to misstate what your proposal is.
 - A. Okay. Thank you.
- Q. Now, at the same time then, that same amount, 64.4 million, would be credited to all customers through the SSO Credit Rider, correct?
 - A. That is correct.
- Q. And if you can turn to page 10 of your testimony, please, and the table near the bottom, Table FL-1.
 - A. Yes.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

- Q. Now, in this table you have provided your proposed kilowatt-hour-based rates for those two riders, the Retail Reconciliation Rider and the SSO Credit Rider, correct?
 - A. That is correct.
- Q. And when we see "SSO Credit Rider," that 0.0015, that would be a credit or a negative number, correct?
- 22 A. That is correct.
- Q. And so the net effect of these two riders for an SSO customer would be a charge of 0.0042, correct, per kWh?

- A. That is correct.
- Q. And the net effect for any shopping customer would just be the SSO credit of 0.0015, correct?
 - A. That is correct.
- Q. And it would be true that regardless of how many customers shop or take service from the SSO, the net affect will always be a charge for an SSO customer, correct?
- 10 A. I'm sorry. Could you repeat that? I am
 11 sorry.
- 12 Q. Sure.

1

2

3

4

5

6

7

8

9

13

14

15

16

17

18

2.2

Regardless of how many customers will be shopping at any given moment, the net effect of the two riders under your proposal will always be a positive charge for SSO customers, correct?

- A. If 100 percent of the customers were on SSO, it would be equal.
- Q. Okay. So let -- let's ignore the situations where it's zero or 100 percent, in which case it would even out.
 - A. Okay.
- Q. Anything in between it's going to be a charge as a net -- net result for SSO customers, correct?

A. As it should be, yes.

2.1

- Q. And obviously the -- again, ignoring the zero and 100 percent situations, the net effect for shopping customers will always be a credit because they don't pay the retail reconciliation, right?
 - A. That is correct.
- Q. Now, the \$64.4 million amount that's flowing through the Retail Reconciliation Rider, that includes both residential and nonresidential SSO customers, correct?
 - A. That's correct.
- Q. And how much of that 64.4 million will be paid by residential SSO customers, do you know?
 - A. Well, under this model, it's just based on a kilowatt-hour basis, so however many kilowatt-hours they are taking; and I didn't -- I don't have that in front of me so I can't give you that answer.
 - Q. Okay. Let's -- let's just talk through the methodology then and we can get on the same page hopefully. Let's assume that residential SSO customers pay 80 percent of the SSO -- strike that.

Let's assume that residential customers use 80 percent of the SSO load. Are you with me on that assumption for this hypothetical?

A. Yes.

2.1

2.2

- Q. In that situation then residential SSO customers would pay 80 percent of the Retail Reconciliation Rider charges, correct?
 - A. That is correct.
- Q. And if we had the actual kWh data for residential SSO customers to arrive at the total amount they would pay, you would just multiply the total kilowatt-hours by your 0.0057 rate for the Retail Reconciliation Rider, correct?
 - A. For the rider, yes.
- Q. And I guess if we wanted to do the net calculation, if we took the total kilowatt-hour usage by residential SSO customers, and multiplied it by that 0.0042 net number, that would be the net impact on residential SSO customers, correct?
 - A. That's correct.
- Q. Now, I believe when you were making corrections to your testimony today, you added a footnote to the PUCO's Electric Choice Activity website, correct?
 - A. That is correct.
- MR. HEALEY: And I will note for the record that there's a slightly better link than the one Mr. Oliker gave out so it's easy for parties to

1 reach this website should they be reading the 2 transcript; and if you will bear with me, I will read it off. It's still a bit long but it doesn't involve 3 a hundred consecutive nonword characters. 4 5 website is puco.ohio.gov/wps/portal/gov/puco/ 6 utilities/electricity/resources/ohio-customer-choice-7 activity. And then there is a link at that website 8 for electric choice activity that goes to the one that Mr. Oliker sent around. 9 10 MR. OLIKER: I'm sorry. Is there a 11 question there? 12 MR. HEALEY: No, I was identifying the 13 website in the footnote that Mr. Lacey added for the 14 record, following my asking him if he is familiar with this website. 15 16 Now, I would like to mark -- I would like 17 to mark my next four exhibits at this time and those 18 would be OCC Exhibits 12, 13, 14, and 15. OCC Exhibit 12 is information from this same website that 19

would be OCC Exhibits 12, 13, 14, and 15. OCC Exhibit 12 is information from this same website that shows 2019 residential choice activity for Ohio Power. OCC 13 is 2019 nonresidential usage. OCC 14 is 2020 residential usage. And OCC 15 is 2020 nonresidential usage.

EXAMINER SEE: OCC Exhibits 12, 13, 14, and 15 are so marked.

20

2.1

22

(EXHIBITS MARKED FOR IDENTIFICATION.)

- Q. (By Mr. Healey) Mr. Lacey, do you have a copy, we will start with OCC 14. Do you have a copy of that in front of you?
 - A. I do.

2.1

- Q. And this appears to be the website that you relied upon or part of the website that you relied upon in preparing your testimony, correct?
- A. It looks like the same website just different dates that I selected.
- Q. Right. In this particular one we see some different menus. Near the top left it says "Select Utility Territory." You are aware when you pull down that menu you can pick which electric utility in Ohio you want to look at, correct?
- A. I am, yes.
 - Q. And then right below that it says "Select Year." You can choose the year, correct?
 - A. Yes.
 - Q. And then below that, "Select Customer Class," and you can either "Select All" or select "Residential," "Commercial," "Industrial," and "Other," correct?
- 24 A. Yes.
- 25 O. And then there's a table next to that

based on what you selected from those three menus that shows the respective CRES and SSO energy usage by month, correct?

- A. Correct.
- Q. And there are two -- two graphics to the right. The first one on the top shows sales by selected customer class, CRES versus SSO, correct?
 - A. Yes.
- Q. And the one below that is customer count by selecting customer class, correct?
- A. Correct.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

17

18

19

20

2.1

- Q. And you are familiar with this website, understand how to navigate it, and used it in preparing your testimony, correct?
 - A. I did, yes.
- 16 Q. Thank you.

Now, in Exhibit 14, we see the residential energy usage as reported to the PUCO for 2020 for Ohio Power for residential customers, correct?

- A. Correct.
- Q. And we can see, roughly speaking, the SSO for residential customers for Ohio Power is somewhere between about 600,000 and 900,000 megawatt-hours per month; is that fair?

A. Yes.

2.1

2.2

- Q. And I would like you to look now at OCC Exhibit 15, please.
 - A. Okay.
- Q. And would you agree that the -- this is the same website but now if you look at the left side, this is all the nonresidential customer classes for 2020 for Ohio Power, correct?
 - A. That's correct.
- Q. And then looking at that same table, we see that the SSO usage for nonresidential customers is much lower, typically, you know, 150,000 to a little over 200,000 megawatt-hours per month, correct?
 - A. Yes.
- Q. And so from -- from this data what we can glean is that if we were to populate your two riders and SSO customers would pay a kWh-based charge of 0.0042, a substantial portion of that is going to be paid by residential customers and much less by nonresidential customers, correct?
- A. In proportion to the amount of customers that are being served by SSO, yes.
- Q. And so if now as a result of your proposal we are not only shifting customers [sic]

from distribution customers to SSO customers, we're shifting costs from nonresidential to residential customers, correct?

MR. OLIKER: Can I have that question read back again.

(Record read.)

1

2

3

4

5

6

7

8

9

10

13

14

15

16

17

18

2.1

2.2

MR. OLIKER: I'll object. The question is vague and ambiguous. Unless the witness will overrule me and can understand it and can answer it, but I can't understand it.

EXAMINER SEE: Do you understand the question, Mr. Lacey?

A. I think so. I think there was one word that was misspoken but I think I understand the question.

MR. OLIKER: I will object then and ask Mr. Healey to ask it again because I don't want the witness to speculate.

MR. HEALEY: Sure. I'll ask it again,
your Honor.

- Q. (By Mr. Healey) Mr. Lacey -EXAMINER SEE: Okay.
- Q. -- I'll break it into two pieces to make it a little easier. It's understood that under your proposal you are going to shift some costs that are

currently paid by all distribution customers and, if your proposal is adopted, those costs will be paid only by SSO customers, correct?

2.1

- A. Well, I wouldn't use the word shift costs. I would say we are going to allocate costs properly. So -- so I would disagree with your assertion that we're shifting. We are just pricing the product correctly.
- Q. Okay. And as a result of what you deem to be pricing the product correctly, SSO customers will pay more than they would if your proposal is not adopted, correct?
- A. They will pay the price of the costs for being served by SSO, that is correct.
- Q. And when I -- what I was trying to get at from looking at the usage data in OCC Exhibits 12 and 13 -- sorry, Exhibits 14 and 15 is that we see that the SSO load for residential customers in 2020 was, in fact, much higher than the SSO load for nonresidential customers, correct?
 - A. That's correct.
- Q. And so as a result of that, the difference between your proposal not being adopted and your proposal being adopted means that some costs that would otherwise be paid by none --

nonresidential customers are now going to be paid by residential customers, correct?

- A. I'm not sure I agree with that because there are nonresidential customers who are on SSO and they will be paying their fair share of the SSO costs if it was priced appropriately.
- Q. Right. What I am comparing -- I am comparing two things. So there is two options here. Either the PUCO doesn't adopt your proposal or the PUCO does adopt your proposal. Do you understand those two different possibilities?
 - A. I do.

2.1

2.2

- Q. And if the PUCO adopts the second one, residential customers will pay more than if the PUCO adopts the first one, correct?
- A. There's no shifting of costs between commercial and residential. They'll pay more by the sheer fact that they have more megawatt-hours that are being served to residential.
- Q. I didn't use the word "shift." My question was only: Will residential customers pay more under that second scenario where your proposal was adopted compared to the first scenario where it's not?
 - A. On a per-megawatt-hour basis or

per-kilowatt-hour basis, they will not pay any more.

2.1

2.2

Q. On a total customer base, the residential class will pay more under your proposal than it would if your proposal is not adopted, correct?

MR. OLIKER: Objection. I don't know if it's the residential class on the SSO or the entire residential class.

EXAMINER SEE: Repeat that, Mr. Oliker.

MR. OLIKER: The question is vague whether Mr. Healey is referring to all residential customer shopping and nonshopping or simply residential customers on the SSO.

MR. HEALEY: I am talking about residential customers in the aggregate, all of them.

MR. OLIKER: So to that I will say asked and answered. I think the witness already provided a response. I think just two or three questions ago there was testimony that the witness did not think that would occur.

EXAMINER SEE: I'm not sure it has been; so, Mr. Lacey, if you could answer the question.

THE WITNESS: Yes.

A. If I understand the question, there are approximately 800,000 megawatt-hours per month being served to residential customers, that's on OCC 14;

and there are approximately 175,000 megawatt-hours being served -- SSO being served to nonresidential customers. That is not -- that does not result in a cost shift. Yes, the residential group, because they use four times as much SSO service, will pay in aggregate more than the C&I customers that are on SSO but that's only a volumetric thing. It's not a class thing. It's not an allocation thing. It's just a sheer usage issue.

2.1

MR. HEALEY: Thank you.

Your Honor, at this time I've already marked OCC's Exhibits 12 and 13 which have the residential and nonresidential numbers for 2019. I can ask Mr. Lacey all the same questions about those, but if parties would agree to stipulate those in, with the understanding that it's the same as the questions I asked about 2020, just getting the usage numbers in, then I can move on.

MR. OLIKER: Chris -- Mr. Healey, the request is 12 through 15 be admitted, whether we oppose that; is that your question?

MR. HEALEY: Correct. If you'll stipulate to the admission of 12 through 15, then I can move on and not ask any more questions about these; otherwise, I will go 12 and 13 the same way I

went through 14 and 15.

2.1

MR. OLIKER: We have -- we have no objection. I may want to see if there are different statistics by customer count instead of megawatt-hours but, subject to checking that information, I don't think we'll object.

EXAMINER SEE: Okay. 12 through 15 has been marked and we'll take up admission of them later.

MR. HEALEY: Okay. Your Honor, if I might reserve my right then, if, for some reason, admission is denied, to come back and ask questions about 12 and 13 as necessary?

EXAMINER SEE: Sure.

MR. HEALEY: Thank you.

- Q. (By Mr. Healey) Mr. Lacey, could you turn to page 52 of your testimony, please.
 - A. Okay.
- Q. Now, on page 52, in the first question you refer to shadow billing and you say that you have reviewed the shadow billing provisions in the proposed settlement, correct?
 - A. That is correct.
- Q. And when you say "shadow billing provisions," you are referring to paragraph 11 on

- 1 | page 11 of the settlement; is that right?
- A. I have to go back to that document to confirm.
 - Q. Sure. Why don't you do that.
 - A. What number did you say it is?
- Q. It's paragraph 11 on page 11 of the settlement.
 - A. That is correct.
 - Q. This is what you were referring to in your testimony when you say "shadow billing"?
- 11 A. That is correct.

4

5

8

9

10

12

13

14

15

16

17

18

19

- Q. And you would agree there are -- under the settlement there are two distinct shadow billing proposals, correct?
 - A. I don't know what you mean by that.
- Q. Okay. I can work through it then. The first sentence refers to AEP performing an aggregate shadow billing calculation and then providing that information to OCC and Staff, correct?
 - A. Correct.
- Q. And then the last sentence of that
 paragraph refers to AEP Ohio and OCC working to
 develop a proposal to amend the Company's application
 in another case. Do you see that?
- 25 A. I do.

- Q. And you understand those are separate -separate shadow billing proposals; the two are not
 tied together, correct?
- A. I never thought of them as two separate proposals but I will accept that.
- Q. Well, let's talk about the second one, so we are just focused on the last sentence of paragraph 11 on page 11 of the settlement. Now, you agree that this part of the settlement says only that AEP Ohio and OCC will work to develop a proposal to amend the application, correct?
 - A. That's what it says, yes.
- Q. And so if the settlement is approved as filed without modification, that will not automatically result in a change to AEP's customer bills, correct?
- A. That's what it looks like from these words, yes.
- Q. And if we look at page 52 of your testimony, line 18, you say "The proposed settlement conflicts with those policies and calls for further analysis to be displayed on AEP's customer invoices." Do you see that?
- A. I do.

2.1

Q. That would be incorrect, right? Because

it doesn't call for that to happen. It calls for OCC and the Company to work out a proposal.

2.1

- A. I guess that technical difference, yes.
- Q. And you understand and are aware that IGS is able to and has, in fact, already intervened in Case 20-1408, correct?
- A. I was not aware of that but I am not surprised.
- Q. And you would expect IGS and potentially others to oppose any such proposal from AEP and Consumers' Counsel in that case?
- A. I would hope everyone would oppose it because it's a nonsensical calculation, but yes.
- Q. At a minimum, they will have an opportunity to, correct?
 - A. They will have an opportunity.
- Q. Now, on page 53 of your testimony, starting at line 10, you state that "Customer savings cannot be measured in a vacuum" and that "It is a very dynamic calculation." And then you continue and say "The calculation must consider other attributes, like renewable energy, efficiency products or other value-added services." Do you see that language?
 - A. Yes, I do.
 - Q. Do you believe that residential customers

are able to perform such a "very dynamic calculation" when assessing whether to shop with a marketer?

A. Yes, I do.

2.1

2.2

- Q. If residential customers are able to perform that very dynamic calculation, then wouldn't they also be sophisticated enough to receive shadow billing information on their bill and understand what it means and not be misled?
- A. Well, sadly, I think -- well, I am glad you agree it would be misleading but it would be misleading and the customer wouldn't necessarily know it was misleading because it was coming on the utility bill. The utility bills typically are accurate. This calculation would not be accurate in any way, shape, or form.
- Q. So your testimony is that when a marketer contacts the residential customer and provides them information about renewable energy, attributes, and products, they are sophisticated enough to handle that, but then when AEP gives them shadow billing information they are overwhelmed and don't know what to do with it?
- A. Well, if AEP says in a fact on the bill, "You could have saved X by staying with us," that's a pretty powerful statement, right? So is there

reason -- is there reason for a customer to doubt the accuracy of a bill, I would hope not. This is very misleading. The information is very misleading. It would be very bad for the market.

- Q. Let's look at page 58 of your testimony, please. I apologize. It's page 39, footnote 58.

 Now, in footnote 58, you identify four different riders that make up AEP's Price to Compare, correct?
 - A. I do, yes.

2.1

- Q. Now, is it your testimony that if your proposal was adopted, it will have an impact on any of the rates found in these four riders?
- A. No. My testimony is only about the Retail Reconciliation Rider.
- Q. What about indirect market forces causing a change to any of these riders? Did you do any analysis on that?
 - A. I am not sure what you mean by that.
- Q. Well, suppose your -- if your proposal was adopted, would you expect that to -- let me start over.

If your proposal was adopted, did you do any analysis to determine whether it would influence bidders in AEP's SSO auctions?

Armstrong & Okey, Inc., Columbus, Ohio (614) 224-9481

A. No, I did not.

- Q. And did you do any analysis to determine whether, if your proposal is adopted, AEP will incur different costs under its Alternative Energy Rider?
 - A. I did not.

2.1

- Q. Now, you're -- you're testifying on behalf of IGS and Direct Energy, correct?
 - A. Correct.
- Q. Why do those entities specifically oppose leaving the Retail Reconciliation Rider and SSO Credit Rider at zero dollars?
 - A. As opposed to whom?
- Q. Well -- that's a fair point. What impact do these -- what impact do you believe the implementation of your proposal will have on IGS and Direct's business?
- A. I think the issue is more important than that. I think the -- the issue is if you price it correctly, customers can make more informed choices about their energy supply. It -- it gives customers better tools to make choices. Will it be beneficial? I would assume it would be beneficial but the testimony is not about providing a benefit. We are just looking for a competitive market. A fairly competitive market. And by "fairly" I don't mean halfway; I mean a market that is priced in a fair

manner. That's all we are looking for, right? So it's not -- will it help their business? I think any competitive business will be helped when prices are set in a rational manner.

2.1

- Q. So if your proposal is adopted, is it your expectation that IGS and Direct will be more profitable in the future?
 - A. I've made no analysis about that.
- Q. Is it your testimony that if your proposal is adopted, IGS and Direct will offer lower rates to customers than the rates they currently offer?
- A. So I think recently a PUCO person was quoted in an aggregation matter that compared SSO prices to a gallon of gasoline, right? So it -- prices fluctuate all the time. It will enable the competitive market to be more competitive. I don't know if it will make them more profitable or less profitable but it will be better goods and services, more goods and services will be available to customers. All at the same time, prices don't go up and AEP's revenues don't go up or go down.
- Q. So is it your testimony that IGS and Direct have no financial interest in the outcome of this case and you are here as some kind of market

monitor/consumer advocate?

2.1

2.2

- A. I've not testified about anybody's profitability or my being a market monitor.
- Q. You believe that under the current system where these riders are zero that the SSO has a competitive advantage over marketer rates; is that fair?
 - A. An extreme competitive advantage, yes.
- Q. And as a result of that alleged competitive advantage, have you done any analysis to determine whether that's caused marketers to have rates that are higher than they otherwise would be?
- A. No. Marketers operate in a very competitive business. I said earlier they are policed by the competition in the market. The extreme advantage is what we are talking about here. I think this doesn't influence their prices at all. Prices are influenced by the market. Gas prices are more expensive today than they were two weeks ago because of this pipeline issue on the east coast. Electricity prices change on a daily basis so the -- their prices are dictated by the market, not necessarily by SSO.
- Q. I would like you to turn to the exhibits to your testimony, FPL-9, please.

A. Okay.

1

2

3

4

5

8

9

18

19

20

2.1

22

23

- Q. And in this exhibit you provide a table showing the number of customers that shop and the number of customers that do not shop and broken it down by rate class, correct?
- A. I'm sorry. I was looking at the wrong exhibit.
 - Q. Sure.
 - A. Sorry. Yes, that is correct.
- Q. Okay. And I would like to just look at a couple of these. If you look at GS-4, you understand those are very large nonresidential customers, correct?
- 14 A. Yes.
- Q. And of those, 82 are shopping and 5 are not, correct?
- 17 A. That's what the chart says, yes.
 - Q. So that would be substantial -substantially all of the GS-4 customers are -90 percent or more are shopping, correct?
 - A. Correct.
 - Q. And then we see also schools, a substantial portion of those, more than 2,200 out of 2,500 are shopping, correct?
- A. Correct.

Q. And we see for all but the residential customers and the small commercials in GS-1 where it's slightly favoring the SSO, more customers in each other class are shopping than not shopping, correct?

A. Right.

2.1

- Q. Now, if, as you claim, the SSO has an extreme, to use your word, competitive advantage, wouldn't we expect all these customers to be rational businesses and flock to the SSO to take advantage of those -- that extreme competitive advantage?
- A. Well, for many reasons, no. The SSO might be right for some of those customers but it might not be right because they don't get the associated services that C&I customers like.

Also the subsidy that we are talking about, you know, they are largely fixed costs. They are largely customer-related costs. They are not -- they are not kind of variable usage-related costs.

So if you allocated it to, you know, on a per-meter basis, for example, the allo -- the subsidy to, you know, a GS-4 customer is going to be 70 bucks a year. Well, they're saving, you know, potentially hundreds of thousands or millions of dollars a year by going to -- by using a competitive supplier so

that subsidy kind of gets washed out when you are a bigger customer. But also again, the products, the services, the clientele is more demanding and they are getting the services they want from the CRES providers.

- Q. So what I am hearing you say is that you believe that a \$70 subsidy gives the SSO an extreme competitive advantage in a market where marketers can allegedly save a large customer hundreds of thousands of dollars?
- 11 A. For a residential customer, absolutely.
 12 Yes.
 - Q. So --

2.1

- A. It's 11 percent -- it's an 11 percent flaw in the market price, the SSO price. It's underpriced by 11 percent.
- Q. So is your comment that the SSO has an extreme competitive advantage applicable only to residential customers?
 - A. And to the small C&I.
- Q. And isn't it true that there are potentially other explanations for why many residential customers are not shopping?
 - A. There could be lots of reasons.
- 25 O. One of those reasons could be that

marketers just aren't doing a very good job marketing; is that possible?

2.1

- A. Anything is possible. I don't know -- I don't have any evidence that they don't have -- they are not doing a good job marketing.
- Q. Well, the evidence would be that customers are not shopping, wouldn't it?
- A. Well, no. In fact, the evidence that they are not shopping is indicative of the fact there's an extreme price advantage in the SSO service, right? There are multiple suppliers, and I think the charts you showed have shopping still at like only about a quarter or a third of the customers. Two-thirds are not shopping. That would indicate when two-thirds are with one supplier and one-third are with dozens of suppliers, that, to me, indicates a market flaw. A severe market flaw.
 - Q. It could also indicate a superior product, couldn't it?
 - A. One that is heavily subsidized would be superior in the eyes of a potential buyer, yes.
- Q. Is it -- is it your testimony that in every market where one competitor is wildly successful, they are only able to be successful as a result of subsidies?

A. That's not my testimony at all. My testimony is that there are big subsidies in this market that should be corrected by the -- by the PUCO.

2.1

What's interesting to me is that there is a fight about this. Utility rates are cost based across the board universally and it's interesting to me that anyone even is fighting this because it just flies in the face of traditional ratemaking. And it's so obvious that there is a problem with the amount of customers that are still on SSO service, it's not a superior service. It does nothing for a customer. It doesn't give them renewable energy. It doesn't give them any special billing. It doesn't give them anything. So there's nothing superior about it.

- Q. You testified in your own testimony that part of the Standard Service Offer price to compare is the Alternative Energy Rider, did you?
 - A. A state mandated -- yes, I did.
- Q. Right. And so your statement just a minute ago that it does not provide renewable energy was false, correct?
- A. It doesn't give the customers a choice of renewable energy. It gives them what AEP has to buy

for them or buys for them. So it doesn't give them any options at all.

2.1

- Q. If, as you seem to think, the SSO has this extreme competitive advantage, why hasn't that driven marketers like IGS and Direct and everybody out of business over the last 10 years; they just can't compete because it's so unfair. Shouldn't they be out of business by now?
- A. Sometimes I wonder why they make the effort, but they make the effort because there are customers who want the superior products, who are willing to pay for the superior products. Quite frankly, there are customers who don't like the utility. I mean, I know that might sound hard to believe but customers all have different preferences. So choice is good. We should be focused on making the choice market functioning and functional so that all customers can benefit from it.
- Q. And that choice that customers can make would include the choice to be on the SSO, correct?
 - A. Absolutely.
- MR. HEALEY: Thank you. Nothing further, your Honor.
- EXAMINER SEE: Are there other signatory
 parties that have questions for Mr. Lacey?

If not, counsel for AEP Ohio.

MR. NOURSE: Thank you, your Honor.

-

CROSS-EXAMINATION

By Mr. Nourse

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

- Q. Good afternoon, Mr. Lacey.
- A. Good afternoon.
- Q. Steve Nourse here for AEP Ohio. It's good to see you again.
 - A. Good to see you too. Thank you.
- Q. I will try to avoid repeating questions that Mr. Healey asked you but there could be a little bit of overlap trying to cover some other areas.

So the first area -- and by the way, I think, you know, as your testimony indicates, you're a regulatory expert, and all of my questions are asking you from your understanding from a regulatory standpoint. I don't want to ask you any legal questions so please don't interpret any of them that way. Are you with me?

- A. Tam.
- Q. Okay. First topic I would like to talk
 about is the SSO obligation. And I think you've
 already been -- using that acronym, Standard Service
 Offer. So I want to ask you some questions about

your understanding of the SSO in Ohio.

2.1

Now, you agree that the electric distribution utility, such as AEP Ohio, has an obligation to provide the SSO to all customers in its service territory, correct?

- A. That is correct, yes.
- Q. And a -- if a CRES fails to supply generation service to a shopping customer, that would result in customers defaulting to the utility's SSO, correct?
 - A. That is correct.
- Q. And for example, if a CRES is bankrupt, that results in customers defaulting to the SSO, correct?
- A. I'm not sure if bankruptcy triggers it automatically. But to the extent they default, they would trigger back to SSO under today's market.
- Q. And if a CRES certification is suspended, would that result in customers defaulting to the SSO, if you know?

MR. OLIKER: Objection. Calls for a legal conclusion. And I believe he said "suspended." There is several levels of suspension. He did not say termination. I think that's probably something the witness is not capable of answering. And it's

1 also vague.

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

2.2

23

24

25

MR. NOURSE: Well, I am happy to rephrase, your Honor.

EXAMINER SEE: Thank you.

- Q. (By Mr. Nourse) If a CRES certification is suspended or terminated, would that result in customers defaulting to the SSO if you know?
 - A. I don't know.
- Q. Okay. And would you agree that the SSO benefits all customers, SSO and shopping customers alike?
- A. SSO is available to all -- all customers, shopping and nonshopping. It benefits those that are on it more than those that are not on it, but there is some benefit to the market, to SSO, to everybody, yes.
- Q. And you would agree that shopping customers and SSO customers are not a static group of customers, correct?
 - A. That is correct.
- Q. So today's shopping customer might be tomorrow's SSO customer and vice versa. You agree?
 - A. That migration can happen, yes.
- Q. And do you agree that shopping and nonshopping residential customers are both within the

residential customer class?

2.1

- A. I'm sorry. Could you repeat that?
- Q. Would you agree that both shopping and nonshopping residential customers are within the residential customer class?
- A. It seems too simple a question. Yes, they are all residential customers.
- Q. And residential customers class is the class they all belong to, correct?
- A. Well, residential class is the distribution class of customers they belong to. I don't know that CRES providers differentiate necessarily the way the distribution provider differentiates. So from a distribution perspective, they're residential customers. From a CRES provider perspective, they might just be customers without a class designation.
 - Q. Okay. And another regulatory obligation under the Ohio regulatory structure is also that the electric distribution utility must facilitate customer choice in its service territory; is that your understanding?
 - A. That is my understanding, yes.
- Q. And I think earlier in discussion with

 Mr. Healey, you referred to customer choice costs as

distribution costs. Do you recall that?

A. I do, yes.

1

2.

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

- Q. And do you also consider the costs that you allocated to the SSO as distribution costs?
- A. They're shared costs so they serve more than one function.
 - O. Is that true with customer choice costs?
- A. Well, running the market is a distribution function. SSO is not a distribution function. It's a service that the distribution company provides and they're different.
- Q. And the -- what you call the "shared costs" are costs relating to distribution service today, correct?
- A. You're recovering rates through distribution rates today, yes. But they are not distribution costs. They're shared costs.
- Q. Now, your proposal is to recover choice costs through the bypassable Retail Reconciliation Rider, correct?
- MR. OLIKER: Can I have that question read back again? I think there might have been a flaw in there.
- 24 (Record read.)
- MR. OLIKER: I'll object. I think there

is a misstatement in that question in that it's vague and not consistent with the testimony.

2.1

MR. NOURSE: I couldn't hear Mr. Oliker but hopefully the witness can explain his testimony.

EXAMINER SEE: Did you want to repeat your objection, Mr. Oliker?

MR. OLIKER: I'll object. The question was ambiguous and to the extent I think there was a flaw in the question itself as it was inconsistent with the testimony.

EXAMINER SEE: The objection is overruled. Mr. Lacey, you may answer the question.

- A. That is not my testimony, Mr. Nourse.
- Q. Okay. So the -- excuse me, the choice, the customer choice costs you identified as part of your study in your appendix, you did not include those in the bypassable Retail Reconciliation Rider?
- A. The choice costs, the costs of operating the market, are distribution costs. So no, I did not allocate those to SSO.
- Q. Okay. And then your -- your allocation, your study, if I can call it that, in the appendix, your allocation that's the shopping customers' share of the shared costs, you do put through the RRR, correct?

- A. The shopping customers don't have a share of the costs that I allocated.
- Q. Okay. I am going to come back to this -- that question later when I ask you about your appendix. So we will come back to that.

Let's switch topics, Mr. Lacey. Now, I want to ask you about the -- what I think you had just called direct costs relating to the SSO that are recovered through bypassable riders. And I think you listed them early in your discussion with Mr. Healey. Do you recall that?

- A. I don't think I referred to those as direct costs, but I remember the discussion you are talking about.
- Q. Okay. Well, that's fair. So the four riders that were referenced, GENC, GENE, Alternative Energy Rider, and Auction Cost Reconciliation Rider, those are the four bypassable riders that make up the SSO price? Is that your understanding?
 - A. Yes.

2.1

- Q. And can you -- let's go through each of the four. I want to get your understanding of what costs are recovered in each of those four riders. So could you start with the GENE and GENC.
- A. I'm not sure what your question means

actually.

1

2

3

4

5

6

7

8

9

12

- Q. What costs are recovered through the GENC and GENE riders?
- A. Specifically? Like I don't know what you are asking for.
 - Q. Any way you want to describe them. Do you know what costs are recovered through the GENE and GENC?
 - A. Generation costs.
- Q. Okay. And where do they come from? What costs are you referring to there?
 - A. Just the costs of those riders.
- 13 Q. The riders are the collection mechanism.
- What are the generation costs that go through the riders?
- A. As far as I know, they are just generation costs.
- Q. What generation costs would the Company,

 AEP Ohio, pass through those riders?
 - A. The -- I'm not sure.
- Q. Okay. Then the next rider is the
 Alternative Energy Rider. Do you know what costs are
 reflected in the bypassable AER?
- A. Just the alternative energy costs that the Company has incurred, allowed by the Commission.

I forget the case number but I'm more familiar with that then the other ones.

- Q. You're saying Alternative Energy Rider -- let me look at the answer again. Sorry.
- 5 "Alternative energy costs," can you elaborate on that?
 - A. Nothing further than I have already said.
 - Q. Okay. So you don't know what specific costs go through other than what's reflected in the name of the rider?
- 11 A. That's correct.

3

7

8

9

10

15

16

17

20

2.1

2.2

- Q. Okay. And then how about the last one,
 the Auction Cost Reconciliation Rider, do you know
 what costs are reflected in that rider?
 - A. Well, the auction costs are the costs, I forget who your consultant is, it's Charles River, I think, to host the auction.
- Q. It's NERA but, okay, so that's one cost you believe is in there. Anything else?
 - A. No.
 - Q. Do you know if any AEP Ohio labor is included in that rider?
 - A. I don't know.
- Q. Okay. All right. We'll move on.

 The next area I want to talk to you about

is the -- so the two riders you discuss in your testimony, the Retail Reconciliation Rider and the SSO Credit Rider, so I want to ask you a little bit more about the mechanics of those riders. And first of all, the Retail Reconciliation Rider is bypassable and the SSO Credit Rider is nonbypassable, correct?

A. That's correct.

2.1

- Q. And do you know if any rider mechanics were established in prior cases before this case for those two riders?
- A. Those riders were established in a prior case. They were not established in this case.
- Q. And do you know if there were any, you know, rate formulas or accounting or reconciliation procedures or any other rider mechanic parameters established in the past?
- A. My understanding is that was the work that you guys were supposed to do for this proceeding. And it wasn't done.
- Q. Your understanding is that the Company was to address all the rider mechanics in this case?
- A. My understanding was they were directed to do a thorough analysis to understand the costs associated with providing SSO service and that analysis was not done. Those are the costs that

would go into the Retail Reconciliation Rider and then subsequently credit back under the Credit Rider.

2.1

- Q. Well, again, I think my questions were very clear, Mr. Lacey. I wasn't asking about the costs. I was asking about rider mechanics. So is it true that you don't know what was established to date or what was not established to date to the mechanics of the two riders you are addressing?
- A. Well, nothing has been established. The analysis wasn't done.
- Q. Okay. Well, let's talk about the analysis a little bit more. So -- and I guess I will refer to this as the "SSO cost study," and I think you are with me on that, the assignment to determine discrete SSO costs for the purpose of this proceeding; do you understand what I am referring to there?
- A. Are you talking about Mr. Roush's testimony?
- Q. Well, when I say "assignment," I am referring to a prior Commission Order. But are -- my real question here is, "SSO cost study," is that terminology okay with you or do you want me to refer to it differently?
- 25 A. I don't know what you are talking about

but I'm good with that language.

- Q. Okay. Well, your Appendix 1, I believe, attempted to capture the cost of \$64 million that you believe are discrete SSO costs that should be assigned to the SSO, correct?
- A. No, that is not correct. I believe there's \$64 million of shared costs. There is actually 109 million of shared costs that should be allocated partially to the rider. Not assigned.
- Q. Okay. I appreciate that -- that technical distinction and let me just say that the costs that you identify are what you want to be incorporated into the rider, right?
 - A. Was that -- was that a question?
 - Q. Yes.
- 16 A. I didn't hear it. Sorry.
- Q. I just asked that to avoid using the term
 "assign" or "allocate," I was asking if the costs in
 your appendix, the \$64 million, are what you would
 like to have incorporated into the riders, the RRR
 specifically? Correct?
 - A. Yes, that's what my testimony says, but I will say it's important not to ignore the words "assign" and "allocate." They are critically important, so.

- Q. Yeah, we will get back to the allocation in a minute, sir.
 - A. Okay.

2.1

- Q. Okay. So -- so would you agree -- I understand your criticism of Mr. Roush. And I understand, you know, there may be some people that would criticize your analysis. But would you at least agree there is more than one way to do this SSO cost analysis?
- A. Allocation is definitely an art, but clearly the answer is not zero which is what AEP has proposed and which is what Staff has accepted. You can't run a business with zero costs assigned to it or allocated to it. You couldn't get the bills out. You couldn't count the money. You couldn't get a seat, you know, a chair to put someone's rear end in. Zero is not the right answer. I would agree that allocation is an art and there are lots of ways we can do it, but zero is not the right way to do it.
- Q. Okay. And Mr. Roush, in his direct testimony in the Application, had identified 3-1/2 million and that -- of an allocation of SSO costs and you're also critical of that analysis too, right?
 - A. That's not an allocation. Those were

direct costs and he said so. They are direct costs that should be assigned to --

Q. My apologies.

1

2

3

4

5

6

7

8

12

13

14

15

16

17

18

19

- A. Critical words.
- Q. Sure. So his recommendation in that initial application was to include 3-1/2 million in the RRR rider; you're also in disagreement with that analysis, correct?
- 9 A. I'm in disagreement with that on a couple of reasons.
- 11 Q. I am not asking you why.
 - A. Okay. It's incomplete and it includes things that shouldn't be included; but, yes, I'm in disagreement with his analysis.
 - Q. Okay. Now, would -- would incorporating 3-1/2 million dollars into the RRR, would that be significant or material to IGS? Would that be something you would be happy with as an outcome in this case?
 - A. It's woefully inadequate, so no.
- Q. And in fact, it's a lot closer to zero than 64 million, right?
- 23 A. Yes.
- Q. And would you consider it to be effectively the same result as zero?

- A. No. I mean, you are getting some costs appropriately assigned but it's not zero. But it's negligible, it's inadequate.
- Q. All right. Let me shift to another topic. The -- are you familiar with corporate separation principles in Ohio?
 - A. Yes.

2.1

- Q. And again, I am not asking you any legal here. I just want to know your understanding of the regulatory environment and, in fact, some of the points you make in your testimony are related to corporate separation principles. Agreed?
 - A. Yes.
- Q. Okay. Now, the SSO is not provided through a separate affiliate, is it?
- A. No. I think my testimony was pretty clear on that. It should be treated as an affiliate but it's not an affiliate.
 - Q. And there is no separate accounting ledger for SSO service, correct?
 - A. I would assume you have a separate ledger because it's not in your rate case.
- Q. What's your understanding of an accounting ledger, sir?
- A. A place where you account for the

hundreds of millions of dollars you receive. They are below the line. They are not in the distribution rate case, so I assume you are accounting for them somewhere.

- Q. You are referring to SSO revenues?
- A. Yes, I am.

2.1

- Q. Are they below the line or are they just excluded for the jurisdictional distribution cost study?
- A. They are not included in the distribution cost study so they are not distribution costs.
- Q. Okay. But would you agree that the Company's provision of SSO service and the revenues and costs associated with that, those are regulated by the PUCO?
- A. Regulation is not a reason not to allocate costs. I mean, you know, residential distribution is regulated. That doesn't --
- Q. I didn't ask you about that, sir. I'm responding to when you said "below the line," okay? So the SSO costs and the revenues, they are not below the line, are they?
- A. They are not included in the distribution rate case or rate base. So they're separate from distribution.

Q. Okay. Now, do you understand that the provision of SSO by -- directly by the electric distribution utility, AEP Ohio in this case, is not an affiliate transaction?

2.1

MR. OLIKER: Objection. Your Honor, it calls for a legal conclusion. If the witness has an opinion, it's as a nonlawyer.

MR. NOURSE: I don't think so, your

Honor. He refers to corporate separation principles
and OAC provisions in his testimony, so he's
asserting an understanding of corporate separation;
and I made it very clear that I am not asking for a
legal opinion on it.

EXAMINER SEE: Mr. Lacey can answer the question.

THE WITNESS: Could you repeat the question, please?

MR. NOURSE: Can you read it back, please.

(Record read.)

A. I understand and I have testified that it is not an affiliate transaction, but it should be treated as an affiliate transaction. It's a separate business from the distribution business and it should be costed at the cost to serve.

Q. Thank you.

2.1

Now, do you understand also, Mr. Lacey, that AEP Ohio previously owned generation that was used to serve SSO load until around 2014?

- A. I'm vaguely familiar with that history, yes.
- Q. And are you familiar with the fact that starting in 2015, the Company began procuring SSO supply externally through a competitive-bidding process and auction process run by NERA?
- A. Yeah. And those yield the wholesale component of the SSO rate.
- Q. Okay. And you -- you mention in your testimony and refer to what I call the ESP IV Order on, I think page 6 or 7 here. Yeah, it's 5 and 6, you refer to ESP IV Order. So you are familiar with that, correct?
 - A. Yes.
- Q. And if you know, did the ESP IV Order direct AEP Ohio to implement new accounting procedures to separate SSO costs from costs related to other regulatory functions?
 - A. I don't know.
- Q. And if you know, did the ESP IV Order direct AEP Ohio to implement new accounting

procedures to track SSO costs separately from costs related to other regulatory functions?

2.1

MR. OLIKER: Objection. The Order says what it says and, you know, the legal requirements following what the Commission directed AEP to do isn't something that necessarily he can speak to. The Order is what it is.

MR. NOURSE: Your Honor, I am asking specific factual items that relate very closely to his testimony and his theory for allocation. And if he doesn't know, he can indicate he doesn't know.

EXAMINER SEE: Mr. Lacey can answer to what his understanding of the Order is. The objection is overruled.

THE WITNESS: Thank you, your Honor.

- A. My understanding is that there was an ESP IV Order that set the rider rates to zero and said do a thorough analysis in this rate case.
- Q. And what I am asking you, sir, is between that time of the Order and now, were there directives from the Commission to -- to do any of these things I am asking you about: Implement new accounting procedures, implement new internal billing procedures, implement cost tracking procedures? Was any of that part of the ESP IV Order, if you know?

- A. I don't know.
- Q. Okay. Now, let me switch topics again.

 I am going to ask you to -- I am going to ask you to refer to your FPL-6.
 - A. That 6?

2.1

- Q. 6 is the -- it's an excerpt of AEP's Cost Allocation Manual, December 2019. Do you see that?
 - A. Yes.
- Q. And just to try to shortcut this a little bit, would you agree that the -- the AEP Cost Allocation Manual is intended to apply to affiliate transactions and that you would like the principles to apply here to this setting but they weren't intended and aren't written to encompass the -- these transactions?
- A. I think the intent is that they should cover this -- these transactions. SSO is a competitive service and it talks about competitive services. So I -- is it an affiliate per se? No, it is not a different company that's operating or running SSO, but I do think the concepts apply that you shouldn't subsidize a competitive business with regulated rates. I think that applies here.
- Q. Okay. Well, is there anything in the Cost Allocation Manual that indicates that it's

intended to apply or should apply or does apply to -to SSO costs and activities in support of the SSO?

- A. I don't think the word "SSO" is in the manual, but that doesn't mean it doesn't apply.
- Q. Okay. Let me ask you to turn in FPL-6 to -- the pages are numbered a little funny but by section, of course, this is an excerpt, but the 2-2-1. Let me know when you are there.
- A. I think I am there, but they are numbered funny.
- Q. Yeah. Do you see where -- under the "Cost Allocation Policies and Procedures" it says "Each AEP subsidiary maintains separate books and records"?
 - A. I see that, yes.
- Q. Do you see under the topic "The Cost Allocation Process" where it says "the AEP companies allocate costs between regulated and non-regulated operations"? Do you see that?
 - A. I do.

2.1

- Q. And do you see down under "Account Designations" near the bottom, where it says the "FERC's uniform system of accounts break functionally between regulated and non-regulated expenses"?
- 25 A. I see that, yes.

- Q. And do you see the part that carries over from this page to the next under "Account Designations," it says it's including "costs that could be attributed to both regulated and non-regulated activities"?
 - A. I see that, yes.

2.1

2.2

- Q. Okay. We can go on but I think this will be in the record. So again, the SSO is not a separate affiliate nor is it a nonregulated activity, would you agree?
- A. The pricing of SSO is not regulated, so I would disagree with your assertion.
- Q. Are you saying that -- do you believe that the Commission prescribes the -- and oversees and approves the results of the SSO auctions that are conducted by the Company?
- A. They oversee the process of procuring energy at market-based rates, yes.
- Q. And do they approve the auction clearing price before it goes into the Company's SSO rates?

 By "they" I mean the PUCO.
- A. The PUCO approves the market-based rate, yes.
- Q. Okay. And is there any -- so it's not an unregulated service or rate, is it?

MR. OLIKER: Objection.

- A. It is a market-based price so it is a nonregulated price.
- Q. Okay. I think the record will speak for itself.

All right. Let me ask -- switch topics.

You discuss supplier fees in your

8 testimony?

1

2

3

4

5

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

24

- A. Yes.
- Q. Yes? And do you know whether the supplier fees -- the existing supplier fees today cover the underlying costs?
 - A. Of what?
 - Q. Of the service being charged for in the fee. The underlying cost of the activity.
- A. I didn't do any analysis on that. So does it cost \$5 to switch a customer? I don't know.
 - Q. Okay. And --
 - A. If it does, it should be charged -- if it does, it should be charged both ways. It should be charged to switching back to SSO if they are going to charge to go to another supplier.
 - Q. All right. Do you know whether the supplier consolidated billing costs are covered by supplier fees?

A. I don't know.

2.1

- Q. Do you know whether the "Enroll From Your Wallet" program costs are recovered by supplier fees?
- A. I assume they are -- the costs to operate the market are borne by the distribution company because the market is a distribution service.
- Q. But the fees, my question is about the fees. So the fees -- you don't know whether the fees cover the "Enroll From Your Wallet" program costs?
- A. I don't know the transactional fees associated with that, I'm not sure. So I don't know. I've done no analysis to see whether your costs cover your expenses. It's your rate case. I assume they do.
 - Q. Yeah.

Would eliminating supplier fees promote cost-causation principles? In your view?

- A. The supplier fees for what?
- Q. The supplier fees that you discuss in your testimony.

MR. OLIKER: Your Honor, objection. I think the witness was indicating he couldn't answer it in a vacuum and he needed to know which fee he was talking about. And then the question was really compound and could address several possible different

scenarios.

2.1

2.2

MR. NOURSE: I can try again, your Honor, but we had a whole discussion about the supplier fees that he discussed in his testimony and readily acknowledged that.

- Q. (By Mr. Nourse) So would eliminating those supplier fees you discuss in your testimony promote ratemaking principles of cost causation?
- A. I think it would, yes, because the costs to run the market is a benefit to all customers. So, yes, you shouldn't penalize a customer for switching. You shouldn't penalize a customer for switching again. It's the Ohio policy. So, yes, I think if those were all borne by distribution, that would be in line with cost-causation principles.
 - Q. Okay. Do you know if -- since you mentioned the switching fee, do you know where and when that was established?
 - A. I do not.
- Q. Do you know if it's just AEP Ohio that has that fee?
 - A. I do not.
- Q. And you don't know whether it was
 addressed in an industry proceeding instead of a rate
 case?

- A. I do not.
- Q. Okay. Let me move on.

So, Mr. Lacey, I want to talk about your FPL-3 and -4 attached to your testimony. These are two articles that you, I think, authored or coauthored. Do you recall that?

- A. I do, yes.
- Q. Okay. And can I refer to them both together as the "Wrong All Along" articles?
 - A. You can call them whatever you want.
 - Q. Well, that is part of the title, right?
- 12 A. Yes.

1

2

3

4

5

6

7

8

9

10

11

13

14

15

16

18

19

20

2.1

- Q. All right. So I am just trying to be expedient and talk about them both together. They both have generally the same theme and conclusion, correct?
- 17 A. Yes.
 - Q. And they both refer to at least some, if not all, of the same regulatory proceedings as well, correct?
 - A. Generally, yes.
- Q. And the thesis, I guess, if you will, or
 the conclusion is that regulators for decades have
 gotten -- gotten it wrong, meaning they haven't
 adopted essentially the theory that you are advancing

in this case, correct?

2.1

- A. I wouldn't say the regulators have gotten it wrong all along. But the market has gotten fiercely competitive and the market for -- you know, so I think one of the examples I have is a Massachusetts case from 2004 that said we are not going to deal with this at this time. I think that was appropriate in 2004. I don't think that's appropriate in 2021. There are too many demands on the market right now to have this kind of subsidy in place.
- Q. Well, Mr. Lacey, when you say in the title "Default Service Pricing Has Been Wrong All Along" and you talk about the multiple decades it's been in effect, I mean, what is the distinction you are making here? Don't you agree that the regulatory commissions and the jurisdictions have implemented and approved the SSO pricing consistent with the law in their states?
- A. Yes. The regulators have approved it. I think -- so the pricing has been wrong all along, it doesn't mean the regulators have been wrong all along. I think now over the last five years the market, the demands on the market are so great. The renewable goals, all of the stuff, there's only one

way these can be met and that's with a competitive market. So fixing this is critically important.

It's now more wrong than it was in the past.

- Q. And you would agree that the same error in your view has occurred in the gas, natural gas, industry as well?
 - A. The competitive retail gas industry, yes.
- Q. Okay. And -- okay. So one of the decisions you mentioned is the PECO Pennsylvania case where NRG Witness Peterson presented the same theory and you talk about that in the article, correct?
 - A. I don't recall that but I am sure I did.
- Q. On page 3 of FPL-3 at the top. You cite the docket number and everything?
 - A. Okay.
 - Q. And is it fair to say that the Pennsylvania Commission considered all of your arguments and rejected them?
 - MR. OLIKER: Objection.
- Q. Not your arguments. My apologies. I meant NRG's arguments.
- MR. OLIKER: Objection.
- MR. NOURSE: Do you want me to restate
- 24 the question?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

MR. OLIKER: I have an objection. What's

the relevance of what the Pennsylvania Commission might have done under a different set of statutes that are not necessarily the same as we have in Ohio?

2.1

MR. NOURSE: Well, normally I wouldn't disagree, Mr. Oliker, but your witness has pulled together a series of analyses involving several states and reached the same conclusion; he is citing them here in his testimony as evidence to support his theory. So I think it's certainly a fair question to understand the cases that he cited, how they turned out, and whether the Commission considered the highly similar arguments.

MR. OLIKER: I don't know -- your Honor, I don't know what value necessarily going down that level of the rabbit hole would have for this case when they have to consider the facts in this case relative to the law we have in Ohio, so I just want to make sure we don't cross over the line from exploring background of his articles to something that could potentially be prejudicial.

EXAMINER SEE: And I'm going to allow the witness to explore it. The objection is -- I will allow the witness to answer the question.

Go ahead, Mr. Lacey.

THE WITNESS: Thank you, your Honor.

A. So there's actually one critical difference between the Pennsylvania case and this case. In the Pennsylvania case there is no rider and there is no make-whole mechanism. So here in this case you have a rider and a make-whole mechanism that are designed exactly for this process, to allocate SSO costs to it and to keep the utility whole. In the PECO case, if customers migrated away, PECO would not have been kept whole. That was a central issue in that proceeding.

2.1

2.2

- Q. Well, first of all, you didn't answer my question, but I let you finish all that. Can you answer my question?
- A. Well, I thought I did answer your question. If you tell me what your question was again, I would be happy to answer.
- MR. NOURSE: Can the reporter read back the question, please.

(Record read.)

A. I'm not sure exactly what the Commission considered. I was not a witness in that proceeding. I've read a lot of the materials in that case. There is one major difference that I just mentioned. In that case, PECO did not have a make-whole mechanism. In this case, there is a make-whole mechanism. So

it's really an apples-and-oranges comparison.

1

2

3

4

5

6

9

10

11

12

13

14

15

16

17

18

19

20

2.1

2.2

MR. NOURSE: All right. Your Honor, he still didn't answer my question. I would like to mark AEP Exhibit 14 and ask that the witness pull it up so we can go through some details I was hoping to avoid.

7 EXAMINER SEE: AEP Exhibit 14 is so 8 marked.

(EXHIBIT MARKED FOR IDENTIFICATION.)

EXAMINER SEE: And we will give the witness a moment to find it and access it.

THE WITNESS: I have it, your Honor.

EXAMINER SEE: Okay.

- Q. (By Mr. Nourse) Okay. I'll just for reference, Mr. Lacey, the disposition part of the opinion starts on page 32 and I want to go through a couple of the parts of the opinion and analyze the same arguments you are presenting here, I guess, to refresh your recollection that these -- this case that you cited in both your articles. Can you turn to page 33 of the opinion.
 - A. Okay.
- Q. And I think these are marked as pages, I guess. The 116 and 117. Do you see that on that page?

- A. I don't see what you are referring to.

 Oh, I see the 116, yeah, yeah, I see 116.
- Q. Yeah. I think it's pages in the original reporting or something.
 - A. That makes sense.

1

2

3

4

5

6

7

8

9

15

16

17

18

19

- Q. I'm sorry. If you look at the paragraph between 116 and 117, I would like you to read aloud the second -- I'm sorry, the third sentence that carries through the end of that paragraph.
- MR. OLIKER: Could I have that read to me again?
- 12 EXAMINER SEE: Repeat that, Mr. Oliker.
- MR. OLIKER: Yeah. I want to make sure I can follow along. I'm sorry.
 - MR. NOURSE: It's the part that begins
 "The cost causation principles" and through the end
 of that paragraph. Please read it aloud so we are
 all looking at it together.
 - A. Are you asking me to read it aloud?
 - Q. Yes, sir.
- A. Okay. "The cost causation principles used by Mr. Peterson were guided by two assertions:

 That, (1), PECO operates two 'separate and distinct' businesses providing distribution service and default service that requires the allocation of PECO's

indirect expenses between distribution customers who receive default service and those who shop with an EGS; and (2) the allocation of those indirect expenses should be based upon PECO's default service revenues and the number of customers receiving default service."

- Q. Thank you, sir. Thank you.

 So is that -- is that a highly similar argument to your testimony presented here, sir?
 - A. That summarizes the argument, yes.
 - Q. Yes. Same argument.
- A. Well, it's a summary of the similar argument in a different case.
 - Q. Okay. Yes.

2.1

2.2

- A. Similar argument, thank you.
- Q. And we can go on with reading this but is it your understanding, can you refresh yourself whether the Commission in this case adopted or considered and rejected those two arguments?
- A. They did not accept those arguments.

 They allowed PECO to proceed with its rates as they had been filed.
- Q. Okay. I may come back to this but I am going to move on. And, sir, the other case you referenced in both of your articles was a New Jersey

PSEG case, correct?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

- A. Yes.
- Q. And did the New Jersey Board agree with or adopt the general theory in that case as an outcome?
- A. That case went to settlement so they never issued an order on that issue.
- Q. Are you aware of any other New Jersey decision involving PSEG where the issue was decided?
- A. I'm not aware if it was litigated in any other proceeding.
- Q. Okay. And is it fair to say that these prior decisions that you referenced to date, no Commission has agreed with the theory being advanced?
- A. I'm not aware of any Commission except for the Texas retail market fully allocates all costs to its provider-of-last-resort service.
- Q. Okay. Thank you, sir. We'll move on.

 Let me -- let's go back to your

 testimony -- okay. I am trying to skip questions

 here.
- Okay. On page -- let's go to page 14.

 I'm sorry. I think I already covered this too.
- 24 15, please, page 15, footnote 22, and 25 correct me if I'm wrong but in this footnote you're,

I guess, pointedly concluding something you've

indirectly referenced earlier in your

cross-examination that you disagree with the idea

that SSO prices should be considered a price to

compare with shopping generation supply products; is

that fair?

- A. I disagree that -- so in a nutshell, yes.

 The price to compare is -- the SSO is not a similar product to products offered by CRESs in the market.
- Q. Okay. And is it your understanding that the "price to compare" concept is -- is used in Ohio, including by the PUCO on their website?
- A. It's a -- the concept is used in Ohio, yes.
- Q. And is it -- is it the Apples to Apples website, is that your understanding?
 - A. The shopping website?

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

24

- Q. The term they use is "Apples to Apples."

 Are you familiar with that?
- A. I'm familiar with the site that I think you are talking about, but, yes.
- Q. But you're saying it's not apples to apples, correct, in your view?
 - A. It's apples to baked beans, really.
- Q. All right. So let's turn to page 20,

please. And I am going to ask you about lines 14 and 15. You make a statement that "guidance from NARUC and AEP suggests that all utility products should be priced using fully allocated cost principles." Do you see that?

- A. I do, yes.
- Q. So it's your contention here and you cite -- in the footnote you cite the NARUC Guidelines at Section D, and you cite the American Electric Power Cost Allocation Manual. That's FPL-6, correct?
 - A. Yes.

2.1

- Q. Okay. And we did discuss FPL-6 already, so I'll skip that, but I want to ask you a little bit more about NARUC guidelines. And I guess I want to be -- look at that reference again. You're -- the NARUC guidelines, can you clarify? I think you have two exhibits that relate to NARUC. One is NARUC Guidelines for Cost Allocation. One is NARUC Cost Manual. Am I missing the reference in this footnote to which one you are referring to?
- A. The guidelines are the shorter document. The guidelines are the guidelines for affiliate transactions, and the cost allocation manual is general cost allocation principles.
 - Q. All right. Let's just cover both of

them. So FPL-13 is -- this is the NARUC guidelines you just now referred to?

A. Yes.

2.1

2.2

- Q. And we can go through a bunch of references, if you want, but would you agree that these guidelines refer to affiliate transactions and transactions between regulated and nonregulated services or products?
- A. They -- it goes further than that, but yes. These guidelines talk about ensuring the competitiveness of electricity markets and gas markets so, but the title is "Cost Allocations and Affiliate Transactions."
- Q. And would you agree all the key provisions in the guidelines refer to transactions between a regulated utility and its nonregulated affiliate?
 - A. Yes, that is the concept.
- Q. So once again, your recommendation here is that we borrow from -- the Commission borrow from these concepts and apply them in a new context of SSO -- this SSO cost study that we've been discussing, right?
- A. Well, fully allocated costs from utilities is not a new concept. It's a new concept

for SSO. For some reason the utilities are fighting fully allocated SSO costs. I don't understand that. But this is not a new concept.

2.1

- Q. Well, let's go back to your testimony and the reference I had given you earlier on page 20. So again, line 14, when you say these authorities require that all utility products should be priced using fully allocated cost principles, I thought we just agreed that the NARUC guidelines, FPL-13, explicitly are tied to transactions between a regulated utility and an unregulated affiliate?
- A. Well, I also cite -- well, I also cite the NARUC cost allocation guidelines which are very clear that all products should be fully -- based on fully allocated costs.
- Q. We will get back to that in a minute.

 But you're now -- again, are you saying that the statement about all utility products, that is your position and that's what you think these authorities support?
 - A. I have not seen --
 - Q. Not only affiliate transactions?
- A. I have not seen any writing anywhere that suggests that utilities should charge anything other than fully allocated costs except for affiliate

transactions which NARUC says should be the higher of fully allocated costs or market-based costs --

Q. All right. Let's -- we will keep moving.

I think the record is already pretty clear on that.

So let's look next at the NARUC manual that you referred to and in your testimony this is FPL-14, right?

A. Yes.

1

2

3

4

5

6

7

8

9

10

11

12

15

16

17

18

19

20

24

- Q. And to be clear, this is a -- an excerpt of just really the table of contents and two pages which is a partial excerpt of one of the chapters that -- is that correct?
- 13 A. Yeah. The document is close to 200 pages.
 - Q. Yes. And is it -- yeah.

MR. NOURSE: Let me mark -- as I did send this around. I do want to ask a couple questions from the full -- the full manual and this is AEP Exhibit 15 I sent around. I would like to mark that at this time, your Honor.

EXAMINER SEE: AEP Exhibit 15 is so marked.

23 (EXHIBIT MARKED FOR IDENTIFICATION.)

EXAMINER SEE: Give us a moment.

MR. NOURSE: Okay. I'm sorry. My

- computer ran out of memory. I am going to have to reopen this. Give me one second.
- Q. (By Mr. Nourse) Let me know, Mr. Lacey, when you open that document.
 - A. I have it.

1

2

3

4

5

6

7

8

9

13

14

15

16

17

18

2.1

22

23

- Q. All right. And this -- is it your understanding from looking at this either in advance, or take your time now to verify, this is the full document that you excerpted in FPL-14?
- A. Yeah. I didn't look through this page by page, but it certainly looks like the one I referenced.
 - Q. Okay. And if you could -- well, let me ask you a couple general questions before we turn the pages. So the vintage of this manual is from 1992, correct?
 - A. That's when it was written. It's still on NARUC's website.
- Q. Right. So the version, the vintage of this document was 1992; do you agree?
 - A. I do, yes.
 - Q. Thank you. And 1992 predates any electric restructuring that was done anywhere across the nation, agreed?
- 25 A. Yes, it does.

Q. And would you agree, and if you need to refer to page 19 or elsewhere, this manual addresses a vertically-integrated utility?

2.1

- A. Well, it's still on NARUC's website. I think it applies to regulated utilities. I mean, certainly parts of it reply -- apply to vertically-integrated utilities, but I think all of the -- all of the -- I shouldn't say all of. I think generally the principles apply to all utilities or should apply to all utilities in the country.
- Q. Yeah. I was going to say that's really your opinion that part, right? You are saying it should apply even though there's been dramatic industry restructuring and -- well, it is true certain states call it integrated utilities and might completely apply this manual. It's not -- it's -- certainly there's nothing in here that would suggest it's intended to apply today to a restructured state, is it?
- A. So it's hard to say what's not in here because there is a lot of things that aren't in here. One thing that is not in here is any suggestion that any utility product should not be charged at cost, fully allocated cost. Does it talk about restructured utilities? It does not. It talks about

- utilities and utility service and allocating costs to those products and services.
- Q. Correct. Okay. Now I would ask you to turn to page 12.
- MR. OLIKER: Can I have a clarification
 if we are PDF page 12 or 12 marked in the manual
 itself?
- MR. NOURSE: The page number in the NARUC document. Yeah.
- Q. (By Mr. Nourse) Let me know when you are there.
 - A. I am there.

1

2

12

13

14

15

16

17

18

19

- Q. Okay. And basically in the middle of the page do you see the statement that says "Non-cost concepts and principles often modify the cost of service standard, but it remains the primary criterion for the reasonableness of rates"? Do you see that?
 - A. Non -- yes, I do.
 - Q. And you agree with that statement, right?
- 21 A. Yeah, I agree that it's in here.
- 22 Q. And the next page, page 13, do you see 23 the -- the sentence that is the second sentence in 24 the last bullet "Design of rates," reads "Other 25 non-cost attributes considered by regulators in

designing rates include revenue-related considerations of effectiveness in yielding total revenue requirements, revenue stability for the company and rate continuity for the customer, as well as such practical criteria as simplicity and public acceptance." Do you see that?

- A. I do, yes.
- Q. Do you agree with that?
- A. I think that explains perfectly well why you should be allocating costs to SSO; so, yes, I do agree with that.
 - Q. Okay. And turn to page 22 next, please.
 - A. Okay.

2.1

- Q. Can you read -- can you read -- just read to yourself or aloud, either way, the last paragraph of the page.
 - A. Yes, I have read it.
- Q. And this concept here is just that there is no single right answer, and the outcome depends on unique circumstances of the utility and other -- other unique factors; would you agree?
- A. I agree that's what it says, but we know that zero is not the right answer. This document doesn't support zero allocation anywhere.
- Q. Yeah. Mr. Lacey, do you agree with what

I said in paraphrasing this paragraph, or should we parse it out?

- A. I agree that there are circumstances which if the Commission said it doesn't make sense to allocate costs this way, then you don't allocate costs that way. I mean, obviously every commission, there are circumstances everywhere. I think I testified earlier that allocation is more art than science. So, yes, there are -- there is no single costing methodology. I have presented one that gets to a nonzero answer. AEP has not presented one that got to a nonzero answer.
- Q. All right. Let's -- let's move back in your testimony. Please turn to page 29. Okay. Do you see the statement from line 22 to 25 in your testimony there?
 - A. Yes.

2.1

- Q. And you are referring to a legislative proposal in this sentence?
 - A. Yes.
- Q. And do you know whether this legislative proposal passed in Ohio?
 - A. No, I do not know.
- Q. Do you know whether -- do you know the name of the legislation you are referring to?

- A. No, I do not.
- Q. All right. Moving to page 30 -- all right. I am going to skip that. I am going to skip that. Keep moving.
- All right. Let's -- let's go to page 34, sir.
 - A. Okay.

2.1

- Q. Okay. And page 34, lines 3 and 4, you're making reference to indirect costs that are incurred for more than one purpose, this leads up to your allocation, correct?
- A. Correct.
- Q. And I think you called them pool costs.

 I am not sure that's right here. Do you know what I am referring to there?
 - A. Yeah, the pool of costs is basically the group of costs that are used for those businesses.
 - Q. Okay. And on line 10, you say that these indirect costs "must be allocated to the businesses for which it provides services." And to be clear, which businesses are you referring to there?
- A. Well, I think this -- I would have to read the whole thing. I think this is a generic concept but in the context of this case distribution and SSO.

Q. Okay. And I guess on the top of page 35, this is the pool reference I was thinking. So on page 35, line 4, you -- you say "After allocating that pool of resources to SSO, I calculate" the 64 million. Do you see that?

A. Yes.

2.1

Q. Okay. So the allocation you are referring to is in Lacey Appendix 1, correct?

A. Correct.

- Q. Okay. So I would like to ask you a few questions about Appendix 1. I understand your thesis and your general argument, but I want to ask you some very specific questions about the mechanics of what you do in this Appendix 1. Are you there?
 - A. I am.
- Q. Okay. And is it fair to say you use two allocators or three allocators in this analysis?
 - A. There are three.
- Q. So even the actual -- the one you call "Actual," it assigns 100 percent, you still consider that an allocator?
- A. Well, I mean -- well, no, technically that's an assignment, not an allocation, but for the model it allocates 100 percent, so it assigns in this model.

- Q. Okay. I know those terms are important to you, so I wanted to make sure that was clear.

 Okay. So I want to ask you a little bit about each of these three allocators. Okay. So the revenue allocator, the R allocator, or --
- A. Yes.

1

2

3

4

5

6

7

8

9

10

13

14

15

16

17

18

19

20

2.1

22

- Q. This is SSO revenues over total jurisdictional revenue so it's that ratio which is approximately 22 percent in your analysis?
 - A. That is correct.
- Q. And that -- that R allocation is applied to things like net plant-in-service?
 - A. Yeah. I mean, they are all listed on the sheet, but yes.
 - Q. And net plant-in-service is a major category for this one, for using this R allocator in your analysis, correct?
 - A. Well, the plant really only -- I wouldn't call it major. It only yields about a million dollars to the total pool.
 - Q. Okay. But these are -- these include buildings such as a distribution service center; is that correct?
- 24 A. Yes.
- Q. And are you familiar with the purpose and

utilization of a distribution service center by AEP Ohio?

- A. Yes. I think I misunderstood your first question, I'm sorry. I have tried to eliminate all distribution-only costs from this spreadsheet. This spread -- so my intent is to not have any distribution-only costs.
- Q. Well, but I think we may disagree on the definition of "distribution-only," Mr. Lacey. So your -- your -- the accounts you include in the -- where you apply the R allocation, include buildings, general plant and net general plant -- I'm sorry, net plant-in-service, and buildings, offices, office furniture, right?
 - A. Yes, those are in there.
- Q. Okay. And do you know what a distribution service center is?
 - A. I do.

2.

2.1

- Q. Explain your understanding, please.
- A. It -- distribution service center would be a facility I would call it out in the field that is mainly used for what I would call the pipes and wires business, the distribute -- the pure distribution business, not necessarily the business of the utility, right? It's used to support the

pipe -- the wires business in this case.

- Q. Okay. And is there any function or activity associated with the cost of a distribution service center that's related to SSO service?
 - A. Not that I am aware with of, no.
- Q. Okay. Let me ask you about the SSO revenue; I guess it's the numerator for the R allocator. Are you with me?
 - A. Yes.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

- Q. Okay. And would you agree that SSO revenue fluctuates based on the market price of power that's procured through the SSO auctions?
 - A. Yes, I would agree with that.
- Q. And would you agree that market prices for power can be volatile at times?
 - A. Yes.
- Q. And so would you agree that using the SSO revenue as a driver in the allocation of the R allocator results in fluctuation of the costs that are being allocated by the R allocator?
- A. Any allocator that -- yes, it would change. It would change the allocation.
- Q. And would you agree that the fluctuation of SSO revenue does not have a relationship to -to -- it doesn't change any of the costs, the

- underlying costs you are applying the allocator to,
 does it?
 - A. It probably changes some costs but not -- it's not 100 percent correlation.
 - Q. And it changes the share being allocated, but the underlying costs don't necessarily change; would you agree with that?
 - A. Yeah, I would.
 - Q. Okay. Let me ask you a few questions about the next allocator, customer allocator, or the C allocator. Are you with me?
 - A. Yes.

3

5

6

7

8

9

10

11

12

13

14

15

- Q. Okay. And this one is calculated by the numerator of the number of shopping customers as a percentage of total customers, correct?
- A. The numerator is the number of nonshopping customers.
- Q. Okay. Let's turn to -- let's turn to

 FPL-9. Well, let -- before we go to 9, before we

 leave Appendix 1, is it -- is it the case that the

 C allocator is approximately 38 percent? That's what

 you use in Appendix 1, correct?
 - A. Yes.
- Q. All right. Now if you could turn to FPL-9. You just stated that the numerator is the

percentage of nonshopping customers, correct?

- A. The numerator is the number of nonshopping customers, correct.
- Q. Okay. So could you check, based on the numbers in FPL-9, the 38 percent calculation?
 - A. Yeah.

2.1

- Q. You've confirmed that nonshopping customers over the total is -- equals 38 percent?
- A. Well, the -- well, the denominator is a little more complicated than that, but the numerator is correct.
 - Q. Well, explain what you mean by that.
- A. The numerator is the number of nonshopping customers so this is based on customer relationships, kind of this term customer relationships. For this allocator I'm assuming that AEP has two customer relationships for every one of its SSO customers; it's got a distribution relationship and an SSO relationship. And it has one relationship for every shopping customer; it just has a distribution relationship. So the denominator is the sum of those. It's the number of customer relationships that AEP has.
- Q. Okay. And in the discovery that this -25 FPL-9 is a discovery response to the Company,

correct?

1

2

3

4

5

6

7

8

9

10

13

14

15

16

17

18

19

20

2.1

- A. Yes.
- Q. And the question in the -- in the discovery question is the number of distribution customers in the following classes breakout by shopping versus nonshopping. Do you see that?
 - A. Yes.
- Q. That is the data that the Company provided.
 - A. That is correct.
- Q. This is the data that you used to calculate the C allocator.
 - A. That is correct.
 - Q. And it's your testimony today that the allocation is nonshopping costs or the share -- the nonshopping share of the costs that you allocate.
 - A. I'm sorry. Could you repeat that question?
 - Q. Your testimony today is that the allocation that you assigned in FPL -- Appendix 1 using the C allocator is the nonshopping share of costs, correct?
- A. The nonshopping share of costs?
- 24 Q. Yes.
- 25 A. The -- I'm not sure what you mean by

that. Sorry.

2.1

2.2

- Q. The nonshopping share, you said the numerator was the nonshopping. And the share is the application of the allocator to the costs that are being allocated; is that the nonshopping share of the costs?
- A. Just so we're clear, the numerator is the number of nonshopping customers. The denominator is the total number of customer relationships that AEP has. That defines the allocator that I used for the customer-based allocator.
- Q. Are you disagreeing that it's the nonshopping share?
- A. Well, I'm just trying to make sure you understand my definition of "share." It's not share of total customers. It's share of customer relationships. So it's actually a very -- it's much more conservative from your perspective. It yields a smaller result than I think what you're asking.
- Q. I understand your definition of shares, you've explained it, but whose share is it?
- A. It's the -- it's an allocation based on nonshopping customers, so it's the share of nonshopping customers.
- Q. Okay.

- A. The customers that take SSO service.
- Q. All right. I think we're clear -- I think we are clear. Now, one of the items you allocate using the C allocator is Account 920, salaries, right?
- A. Yes.

2.1

- Q. And that's an approximately \$14 million allocation, or over 20 percent of your total allocation, right?
 - A. Yeah.
- Q. Okay. And so your -- the result of your analysis would suggest that everyone from the CEO to the line worker spends a significant majority of their time on SSO matters versus providing distribution service?
- A. Not at all. Not at all. I have a chart in here that shows only about 20 percent of the rate -- the revenue requirement is in the allocation pool. I said I've tried to eliminate all distribution costs from this, so the line worker should not be in here.
- Q. All right. Do you have any direct evidence that specific -- specific costs that's used to apply the C allocator are used to support the SSO?
 - A. Could you repeat that question? I'm

sorry.

2.1

Q. Yeah.

Do you have any evidence, any direct evidence, that the costs that you are allocating using the C allocator actually support the SSO?

- A. Other than I know what the SSO service is. Like you send bills. You house the employees. You count the money. You write about SSO in your annual report and 10-K. You know, it's a part of your business, so it can't operate in a vacuum. Do I have direct evidence that your people who are in the billing, the customer care FERC account are actually doing customer care? I don't have any direct evidence of that. But what's stated in your customer -- what's stated in your FERC accounts, I assume is accurate.
 - Q. Okay. Thank you.

Let's talk briefly about the final allocator, the actual or the A allocator.

- A. Yes.
- Q. Earlier you said it could also be considered a direct assignment.
 - A. Correct.
- Q. Are you with me?
- 25 A. Yes.

- Q. Okay. And you use the A allocator for general advertising expense, Account 930.1?
 - A. Yes, yes.

2.1

2.2

- Q. And did you examine any of the projected or actual test year costs in Account 930?
- A. I looked at the FERC definition of what goes into those accounts. I did not look at what your line items were. Again, I assumed that your accounting would be in line with the FERC system of accounts.
- Q. Of course. But does that -- does that -- you did agree that you did not examine any projected or actual test year costs that were billed to Account 930 in your review, correct?
- A. The -- the dollar buildup, the line item buildup, I did not.
- Q. And you didn't look at, for example, any of the advertisements that were done to drive those test year expenses to see if they related to the SSO?
- A. No. My review is based on what's in the FERC system of accounts.
- Q. And are you aware that the Company filed, as part of the Ohio standard filing requirements in this case, actual test -- actual test year advertisement cost detail as part of its Application?

1142 I didn't -- I don't recall seeing that. 1 Α. 2 MR. NOURSE: Okay. Your Honor, I would 3 like to reference part 15 in the Company's Application in this case which is -- I think it was 4 AEP Ohio Exhibit 1. It was marked at the beginning 5 6 of the hearing. And I did send along yesterday as an 7 item I was going to reference. 8 EXAMINER SEE: Okay. 9 MR. NOURSE: Okay. Sorry. Did you say 10 you marked it, or that I could refer to it? 11 EXAMINER SEE: Repeat that, Mr. Nourse, 12 please. MR. NOURSE: Yeah. I am really just 13 14 asking I guess the witness to -- if he received part 15 15 of the Application, and I indicated I was going to 16 refer to it in the disclosure yesterday. 17 MR. OLIKER: Should we go off the record 18 for a second, your Honor? 19 EXAMINER SEE: Yes. 20 (Discussion off the record.) 2.1 EXAMINER SEE: Let's go back on the 22 record. 23 MR. NOURSE: Thank you, your Honor. 24 Ο. (By Mr. Nourse) Mr. Lacey, do you have 25 part 15 of the Application that's previously been

marked as AEP Ohio Exhibit 1 in this case?

A. Yes.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

- Q. And do you see on page 17 of 333 that a reference to supplemental data provided at filing which is part of the standard filing requirement C-15?
 - A. Yes.
- Q. And if you read the description, would you agree that this is actual advertising costs with detail during the -- during the test year?
 - A. That's what it appears to be, yes.
- Q. Okay. And I am more than happy for you to take time to look through this, but it is a long document. And I wanted to, I guess, sample some of these advertisements for the purpose of asking you whether any of them in your view relate to the SSO. So I'll first direct you to page 20.
 - A. Okay.
 - Q. And I am referring to the PDF pages.
 - A. Right. I got you.
- Q. Can you see the "Lighting Our Future" picture --
- 23 A. Yes.
- Q. -- of a child? Do you think that advertisement is related to the SSO?

- A. I'm not sure what it's related to. It doesn't look like it's related to distribution, so I would call it a competitive advertisement; so, for lack of a better place to put it, SSO is appropriate.
- Q. So your default category is SSO? It doesn't have to actually be related to the SSO?

2.1

- A. Well, the only reason I can fathom AEP doing this ad is to, you know, kind of enhance its customer relationships and the -- there's no need to do that for distribution. The primary avenue there is SSO, so by default it is an SSO ad, yes.
- Q. You don't think AEP has any reason to relate to its customers other than the SSO; is that your testimony?
- A. No, that's not. This ad does not do that though. This ad doesn't say anything about "our wires" or "our distribution company." So I would classify this as a competitive ad.
 - Q. Competitive in what sense?
- A. Well, you're seeking to attract customers, I would assume. You don't need to attract distribution customers because you own a monopoly on that service. So the other service that you would attract with this ad is SSO. So to the extent it's meant to attract customers, which is what most ads

do, then it's an SSO ad because it doesn't mention distribution and there is no need to advertise for distribution services.

2.1

Q. Well, that's your opinion but do you know if this type of image ad advertising has been done prior to restructuring in Ohio? Or is it your opinion -- is it your testimony that it's only happened after restructuring?

MR. OLIKER: Objection. What is the relevance to what AEP might have done in 1999 under a completely different statutory regimen?

MR. NOURSE: I'm testing the false premise that he is defaulting any advertising to SSO, so I am entitled to ask him that question.

EXAMINER SEE: The witness can answer the question. Go ahead, Mr. Lacey.

THE WITNESS: Thank you, your Honor.

- A. Well, first, you said it's my opinion.

 It's not my opinion that AEP owns a monopoly on distribution services. It's also not my opinion that this advertisement doesn't mention distribution, right? So, therefore, I would conclude it is a competitive ad.
- Q. Got it. So your definition of what is related to the SSO from advertising is that it

doesn't mention wires; do I have that correct?

A. From the distribution business perspective, yes.

2.1

2.2

- Q. Okay. So -- but it was your testimony earlier that you didn't examine or try to classify any of the advertisements that the Company actually paid for in the test year to try to determine the nature of those ads even though the data was available to you, correct?
- A. Well, I said I examined the FERC accounts. Advertising generally is meant to attract customers. There's no need to attract distribution customers so, therefore, I concluded that these were SSO-related dollars.
 - O. You didn't look at --
 - A. That was the thought process.
 - Q. -- at any of the ads, did you?
 - A. No. I just looked at the FERC account.
- Q. Right. So you looked at the general description of advertising, and you did not look at any of the actual data that was available in the filing, correct?
- A. I'm looking at it now, and it's confirming my analysis so.
- Q. Have you looked at it all, sir?

- A. Have I looked at it all?
- Q. Not just the page I asked you. Have you reviewed the entire 333 page document?

EXAMINER SEE: Mr. Lacey, if you would not speak over each other. Thank you. Go ahead and answer the question.

7 A. I just got this document right now, so I 8 have not read the whole 333 pages.

MR. NOURSE: Thank you. Thank you, your Honor. That's all the questions I have.

11 Thank you, Mr. Lacey.

THE WITNESS: You're very welcome.

EXAMINER SEE: Mr. Oliker, do you have any redirect for Mr. Lacey?

MR. OLIKER: May I confer with the witness for a few short minutes, your Honor, and hopefully we can be brief, if anything?

EXAMINER SEE: Certainly.

MR. OLIKER: Thank you, your Honor.

(Discussion off the record.)

21 EXAMINER SEE: Let's go back on the

22 record.

1

2

3

4

5

6

9

10

12

15

16

17

18

19

20

Mr. Oliker, do you have any direct of

24 Mr. Lacey? Redirect.

MR. OLIKER: Just a few questions, your

1148 1 Honor. 2 EXAMINER SEE: Okay. 3 4 REDIRECT EXAMINATION 5 By Mr. Oliker: Mr. Lacey, do you recall receiving 6 7 questions from Mr. Nourse about advertising expenses that you would have allocated to the Standard Service 8 Offer? 9 10 Α. I do, yes. 11 Do you have any idea of the total 0. 12 ballpark amount of those advertising expenses 13 included in your allocation? 14 \$1.3 million. Α. 15 Q. Okay. Thank you. 16 And do you remember questions you 17 received from counsel for AEP regarding a case in 18 Pennsylvania involving PECO? 19 I do, yes. Α. 20 Q. And are you aware of any costs that the 2.1 Pennsylvania Commission allocates to default service? 2.2 Yes. So they -- they assign the direct Α. 23 costs, for example, they assign the costs of the 24 auction for the SSO. They have a purchase 25 receivables program, so they assign the uncollectible

expense to they call it default service, the equivalent of SSO, so the direct -- the direct costs are already included in the rate that default service customers pay. It's the indirect costs of the shared costs that were not included.

Q. Thank you.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

17

18

19

20

2.1

2.2

And do you remember questions you received from Mr. Nourse about the distribution service center?

- A. Yes, I do.
- Q. Are any of the costs associated with AEP's distribution service center proposed for recovery through the Standard Service Offer under your proposal?
 - A. They are not.

MR. OLIKER: Thank you, your Honor.

Those are all the questions that I have.

EXAMINER SEE: Thank you. Any recross by opposing -- counsel for opposing parties? Any recross by counsel for signatory parties outside of the three that indicated that they had questions for this witness?

Your silence indicates that there are none.

MR. NOURSE: Your Honor, I am not sure if

I understand your description, but I do have a couple of questions.

EXAMINER SEE: Okay. I am going to -let's go first to if they are on the -- if they are
in the hearing yet, One Energy Enterprises.

Ohio Consumers' Counsel, recross?

MR. HEALEY: No questions, your Honor.

Thank you.

2.1

EXAMINER SEE: Mr. Nourse, you're up.

MR. NOURSE: Thank you, your Honor.

11 | - - -

RECROSS-EXAMINATION

By Mr. Nourse:

- Q. Mr. Lacey, just a couple of questions about the PECO case you referenced again on redirect. So -- and your distinction was between the direct costs that were recovered and the allocated costs -- the indirect costs that were allocated. Did I get that right?
- A. Yeah. They start with a nonzero number. They have the costs -- the direct costs are assigned to they call it default service. Their direct costs are assigned to default service in Pennsylvania.
- Q. And do you recall the questions I asked you earlier about the four bypassable charges that

1151 recover direct costs associated with the SSO? 1 2 Α. Yes. 3 Ο. We went through each of the four? And other than referring to the name, you couldn't list 4 5 any of the costs that are actually recovered through 6 those riders, correct? 7 Α. That's correct. 8 MR. NOURSE: Thank you. That's all I 9 have. 10 EXAMINER SEE: Okay. Mr. Oliker? 11 MR. OLIKER: Thank you, your Honor. IGS 12 would move for the admission of IGS/Direct Exhibit 2. 13 EXAMINER SEE: Are there any objections to the admission of IGS/Direct Exhibit 2? 14 15 MR. NOURSE: No, your Honor. EXAMINER SEE: Hearing none, IGS/Direct 16 17 Exhibit 2 is admitted into the record. 18 (EXHIBIT ADMITTED INTO EVIDENCE.) 19 EXAMINER SEE: Mr. Healey. 20 MR. HEALEY: Yes, your Honor. OCC moves 2.1 for the admission of Exhibits 12, 13, 14, and 15. 22 EXAMINER SEE: Are there any objections 23 to the admission of OCC Exhibits 12, 13, 14, and 15?

MR. OLIKER: No, your Honor.

EXAMINER SEE: Hearing none, OCC

24

1 Exhibits 12 through 15 are admitted into the record.

(EXHIBITS ADMITTED INTO EVIDENCE.)

EXAMINER SEE: And Mr. Nourse.

MR. NOURSE: I don't have any exhibits to move, your Honor. I just marked them for reference.

6 Thank you.

2

3

4

5

7

8

9

10

13

14

15

16

17

18

19

2.1

EXAMINER SEE: Okay. Thank you.

MR. OLIKER: Your Honor.

EXAMINER SEE: Just a minute, Mr. Oliker.

Ms. Parrot, did you have any questions

11 for Mr. Lacey?

12 EXAMINER PARROT: No questions.

EXAMINER SEE: Thank you.

Mr. Oliker.

MR. OLIKER: Since we talked about it, I would move for the admission of the entirety of the NARUC cost allocation manual which is AEP Ohio

Exhibit 15. We didn't attach it to our testimony for not overloading the docketing system, but since there

20 was substantial cross about it, I think it would make

sense to admit the entirety of the document rather

22 than just have the record reflect a few statements

23 paraphrasing portions of the document. It will be

24 much better for briefing and make sure that we are

25 being honest with the content of that manual.

MR. NOURSE: Your Honor, I don't think the entire document should be brought in, especially since they didn't do it to begin with.

2.1

I did ask him about a few select items that were mainly in the chapter that he included two pages of, so I would not object if we created a new excerpt that included all the pages that were referenced in cross-examination, but it is a 200-page document, and so the vast, vast majority of it was not discussed. I object to bringing the entire document in.

MR. OLIKER: As a compromise, your Honor, I think we could accept that. Under the Doctrine of Completeness, I think we would be entitled to the entire document, but at this point in time we have no intention of referencing outside of the sections that were discussed in the hearing.

MR. NOURSE: Again, I would rather create an excerpt. He created a very narrow excerpt in his testimony, made, you know, broader assertions about it and that's why I asked him a couple other passages. They were in the chapter that he -- that he relied upon so. I don't think there was any testimony about most of the topics, most that were covered in that document, and so I don't think

dumping into the record makes any sense, your Honor.

2.1

2.2

I am happy to work with the reporter or Mr. Oliker to create a new excerpt that includes all the pages that were referenced on cross.

EXAMINER SEE: Then, Mr. Oliker and Mr. Nourse, you need to work together to create a new exhibit that only includes the portions of the NARUC guidelines that were discussed during Mr. Lacey's cross-examination, submit that document to the Bench by close of business tomorrow.

MR. NOURSE: Thank you, your Honor.

EXAMINER SEE: And with that

clarification like the -- what was that? And upon our -- the Bench's opportunity to review that exhibit, we will include it in the entry that we'll be issuing for inclusion in the record.

With that clarification, the new exhibit should be created, and it will be what -- what will the designation be, Mr. Oliker?

MR. OLIKER: Since it was marked as AEP Exhibit 15, I believe, I would rather keep it that way because it was referenced as such in the record.

MR. NOURSE: That's fine. I agree.

EXAMINER SEE: Okay. With that clarification, AEP Exhibit 15 shall be admitted into

1155 the record in accordance with the entry to be issued 1 2 in the near future. 3 (EXHIBIT ADMITTED INTO EVIDENCE.) 4 MR. OLIKER: Thank you, your Honor. 5 EXAMINER SEE: Mr. Lacey, thank you. You 6 may step down. 7 THE WITNESS: Thank you, your Honor. 8 EXAMINER SEE: Let's go off the record 9 for a moment. 10 (Discussion off the record.) 11 EXAMINER SEE: Let's go back on the 12 record. 13 I believe Mr. Nourse represented that the 14 Company would agree not to file rebuttal if all the 15 other parties would also agree to that. So at this 16 point I would like confirmation from each of the 17 parties whether or not they will be -- will need to 18 file rebuttal. 19 MR. NOURSE: You've accurately stated the 20 Company's proposition, your Honor. Thank you. 2.1 EXAMINER SEE: Starting with Staff. 2.2 MR. SHEPHERD: Staff will not be filing 23 rebuttal testimony. 24 EXAMINER SEE: Ohio Energy Group. 25 MS. COHN: OEG will not be filing

1156 1 rebuttal testimony. 2 EXAMINER SEE: Environment Law & Policy 3 Center. MR. KELTER: We will not be filing 4 5 rebuttal testimony. EXAMINER SEE: Ohio Consumers' Counsel. 6 MS. O'BRIEN: OCC will not be filing 7 8 rebuttal testimony. 9 EXAMINER SEE: OMAEG. 10 MS. BOJKO: No, your Honor, we will not be filing rebuttal testimony. 11 12 EXAMINER SEE: Kroger Company. Is 13 Angela -- is Ms. Whitfield -- I thought -- Interstate 14 Gas Supply. MR. BETTERTON: Interstate Gas Supply 15 16 does not intend to file rebuttal. 17 EXAMINER SEE: Industrial Energy Users. 18 MR. McKENNEY: No rebuttal, your Honor. 19 EXAMINER SEE: Natural Resources Defense 20 Council. 2.1 MR. DOVE: No rebuttal, your Honor. 2.2 EXAMINER SEE: Ohio Partners for 23 Affordable Energy. 24 MR. DOVE: No rebuttal, your Honor. 25 EXAMINER SEE: Direct, Direct Energy

Business and Direct Energy Services.

2 MR. FYKES: No rebuttal, your Honor.

3 EXAMINER SEE: Ohio Hospital Association

4 has not been present.

1

6

7

8

9

10

11

12

13

14

2.1

22

23

24

5 Nationwide Energy Partners.

MR. WOYT: I don't anticipate that we will be filing rebuttal, but I would want to confer with my client, your Honor.

EXAMINER SEE: Now is the time for you to confer with your client. Let me keep moving.

MS. WHITFIELD: Your Honor, I think you already asked about Kroger. I'm sorry. I was having some difficulty getting my button to work, but we don't have any rebuttal.

15 | EXAMINER SEE: Thank you.

16 Armada Power.

MR. WOYT: Same response, your Honor, trying to confer now.

EXAMINER SEE: I'm sorry. Repeat that again.

MR. WOYT: Same response as with

Nationwide Energy Partners. Once again, I don't

anticipate filing rebuttal, but we will need to

confer with clients.

25 EXAMINER SEE: Constellation NewEnergy.

```
1158
                 Clean Fuels Ohio.
 1
 2
                 Greenlots.
 3
                 Ohio Environmental Council.
 4
                 MS. LEPPLA: No rebuttal from OEC, your
 5
     Honor.
 6
                 EXAMINER SEE: One Energy Enterprises.
 7
                 Ohio Cable Telecommunications
     Association.
 8
9
                 EVgo Services.
10
                 MS. GRUNDMANN: Your Honor, Walmart does
     not intend to file rebuttal.
11
12
                 EXAMINER SEE: Did I miss you,
13
    Ms. Grundmann?
                 MS. GRUNDMANN: If you did, it's fine.
14
15
    At the end of the day today.
16
                 EXAMINER SEE: Yes, I did. Thank you.
17
                 I'll wait. I need to hear from Mr. Woyt
18
     on behalf of his clients.
19
                 MR. WOYT: Can we take a 3-minute pause?
20
     The call is being made right now, your Honor.
2.1
                 EXAMINER SEE: Yeah. We will take a few
22
    minutes and go back on the record when you come back
23
    to the meeting.
24
                 (Discussion off the record.)
25
                 EXAMINER SEE: Let's go back on the
```

1 record, please. Let's go back on the record. 2 Mr. Woyt. 3 MR. WOYT: Thank you, your Honor. Neither Nationwide Energy Partners nor Armada Power 4 5 will have rebuttal. 6 EXAMINER SEE: Okay. So with that, 7 Mr. Nourse, could you confirm when the Company is willing to get the transcripts into the record? 8 9 MR. NOURSE: Yes, your Honor. Day after 10 tomorrow, Thursday, May 20. 11 EXAMINER SEE: Okay. 12 MR. NOURSE: The transcripts and the

exhibits should be filed in the docket.

13

14

15

16

17

18

19

20

2.1

22

23

24

25

EXAMINER SEE: Okay. That's with the exception of the two that the Bench has requested be -- be sent to the Attorney Examiners and with the entry to follow.

With that and in light of the proposals made, initial briefs will be due on June 14. Reply briefs will be due July 6.

Is there anything further that needs to be addressed in this hearing?

I take your silence as a no, and we are adjourned. Thank you all.

(Thereupon, at 5:28 p.m., the hearing was

```
1160
     adjourned.)
 1
 2
 3
 4
                           CERTIFICATE
 5
            I do hereby certify that the foregoing is a
 6
     true and correct transcript of the proceedings taken
     by me in this matter on Tuesday, May 18, 2021, and
 7
     carefully compared with my original stenographic
 8
 9
     notes.
10
                           Karen Sue Gibson, Registered
11
                           Merit Reporter.
12
13
                           Carolyn M. Burke, Registered
14
                           Professional Reporter.
15
     (KSG-7076)
16
17
18
19
2.0
21
22
23
2.4
25
```

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

5/20/2021 11:31:44 AM

in

Case No(s). 20-0585-EL-AIR, 20-0586-EL-ATA, 20-0587-EL-AAM

Summary: Transcript in the matter of the Ohio Power Company hearing held on 05/18/21 - Volume V electronically filed by Mr. Ken Spencer on behalf of Armstrong & Okey, Inc. and Gibson, Karen Sue Mrs.