BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

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In the Matter of the : Application of Ohio Edison: Company, The Cleveland : Electric Illuminating : Company, and The Toledo : Edison Company for : Case No. 14-1297-EL-SSO Authority to Provide for : a Standard Service Offer : Pursuant to R.C. 4928.143 : in the Form of an Electric: Security Plan. :

PROCEEDINGS

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before Mr. Gregory Price and Ms. Megan Addison, Attorney Examiners, at the Public Utilities Commission of Ohio, 180 East Broad Street, Room 11-A, Columbus, Ohio, called at 9:00 a.m. on Thursday, July 28, 2016.

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REHEARING VOLUME IX

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

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1	APPEARANCES:
2	FirstEnergy Corp.
3	By Ms. Carrie M. Dunn 76 South Main Street
)	Akron, Ohio 44308
4	
5	Calfee, Halter & Griswold LLP By Mr. James Lang
6	and Mr. N. Trevor Alexander
0	The Calfee Building 1405 East Sixth Street
7	Cleveland, Ohio 44114
8	Jones Day
9	By Mr. David A. Kutik 901 Lakeside Avenue
)	Cleveland, Ohio 44114
10	
11	On behalf of the Applicants.
± ±	Bruce J. Weston, Consumers' Counsel
12	By Mr. Larry Sauer
13	Ms. Maureen R. Willis Mr. Kevin F. Moore
-	Mr. Ajay K. Kumar
14	and Mr. William Michael
15	Assistant Consumers' Counsel 10 West Broad Street, Suite 1800
	Columbus, Ohio 43215-3485
16	On behalf of the Residential Consumers of
17	Ohio Edison Company, The Cleveland
	Electric Illuminating Company, and The
18	Toledo Edison Company.
19	McNees, Wallace & Nurick LLC By Mr. Frank P. Darr
20	Mr. Samuel C. Randazzo
0.1	and Mr. Matthew Pritchard
21	21 East State Street, 17th Floor Columbus, Ohio 43215
22	
0.0	On behalf of the Industrial Energy Users
23 24	of Ohio.
24 25	
2 J	

1	4	1	5
_	-	-	\sim

1	APPEARANCES: (Continued)
2	Bricker & Eckler, LLP By Mr. Dane Stinson
3	and Mr. Dylan Borchers 100 South Third Street
4	Columbus, Ohio 43215-4291
5	Bricker & Eckler, LLP By Mr. Glenn S. Krassen
6	1001 Lakeside Avenue East, Suite 1350 Cleveland, Ohio 44114
7	On behalf of the Northeast Ohio Public
8	Energy Council, Ohio Schools Council, Buckeye Association of School
9	Administrators, Ohio Association of School Business Officials, Ohio School
10	Boards Association, and Power4Schools.
11	Earthjustice By Mr. Shannon Fisk
12	Northeast Office
13	1617 John F. Kennedy Boulevard, Suite 1675 Philadelphia, Pennsylvania 19103
14	Earthjustice Du Mu Mishael Scules
15	By Mr. Michael Soules 1625 Massachusetts Avenue NW, Suite 702 Washington, D.C. 20036
16	
17	Sierra Club Environmental Law Program Mr. Tony Mendoza and Ms. Kristin Henry
18	85 Second Street, 2nd Floor San Francisco, California 94105
19	
20	Richard Sahli Law Office, LLC By Mr. Richard C. Sahli 981 Pinewood Lane
21	Columbus, Ohio 43230-3662
22	On behalf of the Sierra Club.
23	
24	
25	

```
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```

```
1
     APPEARANCES:
                   (Continued)
 2
            IGS Energy
            By Mr. Joseph Oliker
 3
            6100 Emerald Parkway
            Dublin, Ohio 43016
 4
                 On behalf of IGS Energy.
 5
            Vorys, Sater, Seymour & Pease, LLP
 6
            By Ms. Gretchen Petrucci
            Mr. Stephen M. Howard
 7
            Mr. Michael J. Settineri
            and Mr. Ilya Batikov
            52 East Gay Street
 8
            Columbus, Ohio 43215
 9
                 On behalf of Retail Energy Supply
10
                 Association, PJM Power Providers Group,
                 Electric Power Supply Association,
                 Constellation NewEnergy, Exelon
11
                 Generation, LLC, and Dynegy, Inc.
12
            Carpenter Lipps & Leland LLP
13
            By Ms. Kimberly W. Bojko
            and Ms. Danielle Ghiloni Walter
14
            280 North High Street, Suite 1300
            Columbus, Ohio 43215
15
                 On behalf of the Ohio Manufacturers'
16
                 Association Energy Group.
17
            Mike DeWine, Ohio Attorney General
            By Mr. William L. Wright,
18
            Section Chief
            Mr. Thomas G. Lindgren
19
            Mr. Thomas W. McNamee
            and Mr. Steven L. Beeler,
20
            Assistant Attorneys General
            Public Utilities Section
21
            30 East Broad Street, 16th Floor
            Columbus, Ohio 43215
2.2
                 On behalf of the Staff of the PUCO.
23
24
25
```

```
1
     APPEARANCES: (Continued)
 2
            Boehm, Kurtz & Lowry
            By Mr. Michael L. Kurtz
 3
            Mr. Kurt J. Boehm
            and Ms. Jody Kyler Cohn
            36 East Seventh Street, Suite 1510
 4
            Cincinnati, Ohio 45202
 5
                 On behalf of the Ohio Energy Group.
 6
            Environmental Law & Policy Center
 7
            By Ms. Madeline Fleisher
            21 West Broad Street, Suite 500
 8
            Columbus, Ohio 43215
 9
            Mr. Robert Kelter
            35 East Wacker Drive, Suite 1600
10
            Chicago, Illinois 60601
11
                 On behalf of the Environmental Law &
                 Policy Center.
12
            Barth E. Royer, LLC
13
            By Mr. Barth E. Royer
            2740 East Main Street
14
            Bexley, Ohio 43209
15
            and
16
            Taft, Stettinius & Hollister LLP
            By Mr. Adrian D. Thompson
17
            200 Public Square, Suite 3500
            Cleveland, Ohio 44114-2300
18
                 On behalf of the Cleveland Municipal
                 School District.
19
20
            Spilman, Thomas & Battle, PLLC
            By Mr. Derrick Price Williamson
21
            Ms. Carrie Harris
            310 First Street, Suite 1100
22
            Roanoke, Virginia 24011
23
                 On behalf of Wal-Mart Stores East, LP,
                 and Sam's East, Inc.
24
25
```

1 APPEARANCES: (Continued) 2 Mr. Richard L. Sites 155 East Broad Street 3 Columbus, Ohio 43215 4 Bricker & Eckler, LLP By Mr. Matthew W. Warnock 5 100 South Third Street Columbus, Ohio 43215-4291 6 On behalf of the Ohio Hospital 7 Association. Ohio Environmental Council 8 By Mr. Trent A. Dougherty 9 and Ms. Miranda Leppla 1145 Chesapeake Avenue, Suite I 10 Columbus, Ohio 43212 11 On behalf of the Ohio Environmental Council and the Environmental Defense 12 Fund. 13 Mr. Thomas R. Hays 8355 Island Lane 14 Maineville, Ohio 45039 On behalf of the Northwest Ohio 15 Aggregation Coalition and the Individual 16 Communities. Ice Miller, LLP 17 By Mr. Christopher Miller 18 and Mr. Jeremy Grayem 250 West Street, Suite 700 19 Columbus, Ohio 43215-7509 20 On behalf of the Association of Independent Colleges and Universities of 21 Ohio. 2.2 Mr. Craig I. Smith 15700 Van Aken Boulevard #26 23 Shaker Heights, Ohio 44120 24 On behalf of Material Sciences Corporation. 25

```
1419
     APPEARANCES: (Continued)
 1
 2
            Whitt Sturtevant LLP
            By Mr. Mark A. Whitt
 3
            Mr. Andrew J. Campbell
            and Ms. Rebekah J. Glover
            88 East Broad Street, Suite 1590
 4
            Columbus, Ohio 43215
 5
                 On behalf of Direct Energy Business, LLC,
 6
                 and Direct Energy Services, LLC.
 7
            Stone Mattheis Xenopoulos & Brew, PC
            By Mr. Michael Lavanga
 8
            1025 Thomas Jefferson Street, N.W.
            Eighth Floor West Tower
 9
            Washington, D.C. 20007-5201
                 On behalf of Nucor Steel Marion, Inc.
10
11
12
13
14
15
16
17
18
19
20
21
2.2
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1	Thursday Morning Session,
2	July 28, 2016.
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4	EXAMINER ADDISON: Let's go ahead and go
5	on the record.
6	The Public Utilities Commission of Ohio
7	has set for hearing at this time and place Case
8	No. 14-1297-EL-SSO being In the Matter of the
9	Application of Ohio Edison Company, The Cleveland
10	Electric Illuminating Company and The Toledo Edison
11	Company for Authority to Provide a Standard Service
12	Offer Pursuant to R.C. 4928.143 in the Form of an
13	Electric Security Plan.
14	My name is Megan Addison and with me is
15	Gregory Price, and we are the Attorney Examiners
16	assigned to preside over this hearing.
17	We will dispense taking appearances this
18	morning.
19	Are the companies ready to proceed?
20	MR. ALEXANDER: Yes, your Honor. The
21	companies call Sarah Murley.
22	EXAMINER ADDISON: Welcome back,
23	Ms. Murley.
24	THE WITNESS: Thank you.
25	(Witness sworn.)

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1	EXAMINER ADDISON: Thank you. Please be
2	seated.
3	You may proceed.
4	MR. ALEXANDER: Thank you, your Honor.
5	
6	SARAH MURLEY
7	being first duly sworn, as prescribed by law, was
8	examined and testified as follows:
9	DIRECT EXAMINATION
10	By Mr. Alexander:
11	Q. Ms. Murley, did you prepare rebuttal
12	direct testimony in this proceeding?
13	A. Yes.
14	MR. ALEXANDER: Your Honor, we have
15	provided the court reporters with Ms. Murley's
16	prefiled testimony. We also provided courtesy copies
17	for the Bench that have been marked as Companies'
18	Exhibit 205.
19	EXAMINER ADDISON: It will be so marked.
20	(EXHIBIT MARKED FOR IDENTIFICATION.)
21	Q. (By Mr. Alexander) Ms. Murley, do you
22	have copies of your prefiled testimony in front of
23	you today?
24	A. Yes.
25	Q. Do you have any changes or corrections to

1423 your prefiled testimony? 1 2 Α. No. 3 Ο. If I asked you the same questions today, 4 would your answers be the same? 5 Α. Yes. MR. ALEXANDER: Your Honor, the witness 6 7 is available for cross-examination. 8 EXAMINER ADDISON: Thank you, 9 Mr. Alexander. 10 Mr. Stinson? 11 MR. STINSON: No questions, your Honor. 12 EXAMINER ADDISON: Mr. Pritchard? 13 MR. PRITCHARD: No questions, your Honor. 14 MR. SOULES: Your Honor, would the Bench 15 entertain motions to strike at this point? 16 EXAMINER ADDISON: Absolutely. 17 MR. SOULES: Thank you, your Honor. 18 Your Honors, Sierra Club moves to strike 19 the entirety of Ms. Murley's testimony because it is 20 improper rebuttal testimony. Her testimony fails to 21 meet the standards for rebuttal testimony for two 22 independent reasons. 23 First of all, Ms. Murley's testimony does not refute any prior testimony in the record. 24 25 Commission precedent established a proper rebuttal

testimony must fall within the standard of being new evidence refuting prior testimony. The Commission made this clear in its December 17, 1985, rehearing entry in Case No. 84-1272.

5 Here, Ms. Murley's testimony does not 6 even attempt to refute any prior testimony. The only 7 witness mentioned at all in her testimony is Staff 8 Witness Joseph Buckley. And that single mention on 9 page 2, lines 3 to 4, of her written testimony simply 10 notes that Mr. Buckley did not address the topic 11 discussed in her testimony.

12 There is not a single statement in 13 Ms. Murley's testimony that disputes any opinion 14 offered by Mr. Buckley. The fact that Ms. Murley's 15 testimony does not refute Mr. Buckley's testimony was 16 further confirmed at the deposition that was taken on 17 Tuesday of this week.

18 At the deposition, Ms. Murley confirmed 19 that her testimony addresses the economic impacts of 20 the FirstEnergy Corp. headquarters and that this 21 topic is not addressed in Mr. Buckley's testimony. 22 She also confirmed that there is no specific 23 statement in his testimony that she disagrees with. 24 And I do have copies of the deposition 25 transcript if your Honors would like to see those

1425 1 passages. 2 EXAMINER ADDISON: Thank you. 3 MR. SOULES: Would you like to see those 4 now? EXAMINER ADDISON: That's fine at this 5 6 time. 7 Mr. Alexander, do you have a response? 8 MR. ALEXANDER: Yes, your Honor. I have 9 a fundamental disagreement with the premise of the 10 question because Ms. Murley does directly refute 11 Mr. Buckley. Specifically, Mr. Buckley proposes a 12 quantification of rider DMR. Ms. Murley disagrees with the manner in which Mr. Buckley made that 13 14 quantification because Mr. Buckley omitted something 15 from that quantification. 16 So while Ms. Murley does not take issue 17 with some of the quantifications done by Mr. Buckley, 18 that's Ms. Mikkelsen's testimony, she takes issue 19 with his omission, his failure to address that issue. 20 And this is not solely something which 21 was addressed by Mr. Buckley. This was also 22 addressed in his prefiled written direct testimony. 23 This is also addressed on the stand in hearing, in 24 response to questions from Mr. Sauer, Mr. Buckley 25 testified that there would be an economic benefit

from headquarters, but he didn't quantify that 1 2 amount. Similarly, in response to questions from 3 Ms. Bojko, he testified the same thing. 4 He also testified in response to 5 Mr. Sauer that -- that the headquarters' impact on 6 property taxes was a valuable benefit but, again, he 7 never quantified that. 8 Those are the issues that Ms. Murley 9 addresses, found to be in error, and addresses it in 10 her testimony. 11 Also, Dr. Choueiki and Mr. Kahal also 12 testified to the economic impact as well. And with 13 regard to the timing here, rider DMR was proposed for 14 the first time in Staff Witness Buckley's testimony. 15 This is the first time the companies have had the 16 opportunity to address the complication of rider DMR. 17 There was no prior chance for the companies to do 18 this and so it's perfectly appropriate for the 19 companies to respond at this point. 20 EXAMINER PRICE: Mr. Soules, why is this 21 different from Mr. Baron's testimony that we heard 22 last week? Last week, Mr. Baron testified on rate 23 design in light of the fact that Ms. Turkenton had 24 not taken a position in her prefiled testimony on 25 rate design.

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1	MR. SOULES: Well, your Honor, I don't
2	know if Mr. Baron's testimony was the subject of a
3	motion to strike or not.
4	EXAMINER PRICE: It doesn't have to be
5	the subject. Why are you moving to strike this one
6	and not that one?
7	MR. SOULES: Well, your Honor, we my
8	client was not taking a position at that time on the
9	rate design issue that Mr. Baron was presenting
10	testimony on.
11	But this notion, your Honors
12	EXAMINER PRICE: Let me ask you in a
13	different situation.
14	MR. SOULES: Yeah.
15	EXAMINER PRICE: Why is this different
16	from Mr. Duann's testimony that took a position on
17	how SEET should be addressed when staff had not taken
18	a position on how SEET should be addressed in their
19	testimony?
20	MR. SOULES: Your Honor, I I think the
21	danger of these of permitting rebuttal testimony
22	that purports to address an omission, a topic that
23	wasn't actually addressed by any prior testimony, you
24	are really opening the door to a situation where
25	parties can improperly supplement the record.

1428 EXAMINER PRICE: Go back and strike all 1 2 of Mr. Duann's testimony, then, since if we strike 3 this, to be fair? 4 MR. SOULES: Your Honor, Sierra Club 5 would not take a position on striking Mr. Duann's. MR. MICHAEL: May OCC join in this 6 7 conversation, your Honor? 8 EXAMINER PRICE: I was directing it to 9 him, his motion to strike. 10 MR. MICHAEL: I would like an 11 opportunity, when your Honor sees fit, because I am going to support the motion to strike. 12 13 MR. SOULES: There is actually another 14 critical point, your Honors, is that there are two 15 independent reasons why this is improper rebuttal 16 testimony. The first being that it's not refuting 17 anything. 18 And I would note that although 19 Mr. Alexander noted that, you know, Mr. Buckley 20 mentioned that there was a benefit to headquarters, 21 he did not address -- he did not attempt to quantify 22 what the economic impact of the headquarters is. 23 But, secondarily, your Honors, this is 24 improper rebuttal because it could have been 25 presented long ago in this hearing. The third

1	supplemental stipulation and testimony that was
2	submitted by Dynegy with regards to the third
3	supplemental stipulation addressed the issue of
4	headquarters remaining in Akron. That was his
5	specific provision in the stipulation.
6	The companies had ample opportunity, if
7	it if they had wanted to, in the testimony filed
8	in December of 2015, or they could have also
9	submitted rebuttal testimony in January of 2016,
10	addressing the purported economic and revenue impacts
11	of the headquarters. You know, they chose not to do
12	so, and it's Sierra Club's position they should be
13	held to that litigation choice on an issue that has
14	been at play for eight months.
15	EXAMINER PRICE: Go back to your first
16	point. Isn't it the company's position, as expressed
17	in Ms. Mikkelsen's testimony, that staff did not
18	properly value the headquarters in their calculation
19	for rider it DMR?
20	MR. SOULES: Yes. She was proposing an
21	alternative number, yes.
22	EXAMINER PRICE: So isn't this witness's
23	job to present the information to the Commission that
24	supports that alternative number? I mean, we are not
25	expecting Ms. Mikkelsen to put on economic

development testimony. That's not within the cope of 1 2 her expertise. Sorry, Ms. Mikkelsen. 3 MR. SOULES: Well, your Honor, I think 4 there, again, the issue is, you know, Ms. Murley's 5 testimony itself is addressing a topic that no other 6 witness has talked about in this hearing. 7 And if you could cure improper rebuttal 8 testimony by cross-referencing it in another 9 witness's rebuttal testimony, again, I believe you 10 would be opening the door to, you know, all matter of 11 topics to be brought up in what purports to be 12 rebuttal testimony. 13 MR. MICHAEL: Your Honor, may I go ahead 14 and add just a couple of brief codas to what 15 Mr. Soules said? I think it's important to note 16 Ms. Mikkelsen, at her deposition yesterday, testified 17 the commitment to keep FirstEnergy's headquarters and 18 nexus of operations is no different than the 19 commitment made in the third supplemental 20 stipulation. It's no different than the commitment 21 made in the proposal and it's no different than the 22 commitment that the PUCO already ruled upon. 23 So not only is Mr. Soules's correct that 24 the commitment to have the headquarters remain in 25 Akron has been a part of this case from the original

Opinion and Order, FirstEnergy has had the 1 opportunity to address it. Ms. Mikkelsen 2 3 acknowledges that that commitment is the same, but 4 they failed to acknowledge it. 5 I just wanted to tie that point to the 6 rehearing statute, your Honor, as I argued previously 7 in connection with another witness, the companies 8 should not be able to provide any testimony with 9 reasonable diligence, they should have been -- they 10 should have provided earlier under 4903.10. 11 And for those reasons, your Honor, OCC 12 joins and supports the motion to strike. Thank you. MS. PETRUCCI: Your Honor, I would also 13 14 note we support the motion to strike. This is not 15 testimony that's disagreeing with anything in Staff 16 Witness Buckley's testimony. It's additional 17 information. It may be that folks think it's nice to 18 have added at this point, but it is simply additional information. It's not proper rebuttal testimony. 19 20 MS. GHILONI: OMAEG would also join in 21 the motion to strike. 22 EXAMINER PRICE: Should we strike 23 portions of Lause's testimony because it's things he 24 could have given months ago and, in fact, had given 25 months ago, to be fair, if we strike this?

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1	MS. GHILONI: I believe we did strike.
2	EXAMINER PRICE: We struck some of it,
3	but should we strike all of it since it's testimony
4	he could have given way back when?
5	MS. GHILONI: He was responding directly
6	to what was being provided by the companies and by
7	staff.
8	EXAMINER PRICE: That's the companies'
9	position is they are responding directly what was
10	provided by staff.
11	MS. GHILONI: And we disagree with that.
12	EXAMINER ADDISON: Mr. Alexander, last
13	word.
14	MR. ALEXANDER: Thank you, your Honor. I
15	will try to be brief. I think the Bench understands
16	this.
17	First, with regard to Mr. Michael's
18	summary of how Ms. Mikkelsen testified yesterday. I
19	think we may have a disagreement about that. There
20	is no transcript of that deposition, yet, but from my
21	discussion with co-counsel, we would disagree with
22	the characterization how she testified.
23	Second, with regard to the concept that
24	this could have been provided earlier, I think the
25	Bench understands this. Rider DMR was created the

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first time in staff's testimony. There was no prior
chance for the companies to address this.
And with regard to the concept that we're
not refuting anything in staff's testimony; with all
due respect, yes, we are. We are refuting the
quantification of rider DMR.
Rider DMR has, I think of it as two
categories of benefits; the headquarters-related
benefits and the stability-related benefits. We
believe that Witness Buckley didn't quantify one part
of that. With regard to Ms. Murley's testimony we
believe Mr. Buckley didn't quantify that
appropriately.
With regard to the arguments regarding
the headquarters provision being in the third
supplemental stipulation, that is partially correct
and partially incorrect which is, of course, the key.
In the third supplemental stipulation there was an
eight-year headquarters provision tied to rider RRS.
The companies' original proposal in this case was
tied to modified rider RRS. Staff has taken the
position that should be rejected and has proposed
rider DMR including what is now a new headquarters
provision.
That headquarters provision is not simply

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1	eight years similar to RRS, and it's not tied to the
2	duration of rider DMR as RRS was. Instead, it's
3	three years without any refund obligation if the
4	headquarters moves at any point during the eight-year
5	period. It's a different mechanism. It's a
6	different funding stream.
7	So, for those reasons, we believe this is
8	different and that's why we have offered Ms. Murley's
9	testimony here.
10	EXAMINER ADDISON: Thank you, all. I
11	believe
12	MR. ROYER: Your Honor, may I be heard on
13	this subject?
14	EXAMINER ADDISON: I believe we have
15	heard enough. At this time we are going to deny the
16	motion to strike. The Commission can give this
17	give Ms. Murley's testimony the appropriate weight it
18	deserves so. Let's move on.
19	Mr. Soules, did you have any additional
20	motions to strike?
21	MR. SOULES: No, your Honor.
22	EXAMINER ADDISON: Thank you.
23	MS. GHILONI: Your Honor, we do have a
24	second motion to strike. But first, I would like to
25	conduct a voir dire of the witness.

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1	EXAMINER ADDISON: I'm sorry?
2	MS. GHILONI: First, I would like to
3	conduct a voir dire of the witness, please, some
4	questions.
5	EXAMINER ADDISON: Okay. Go ahead.
6	
7	VOIR DIRE EXAMINATION
8	By Ms. Ghiloni:
9	Q. Good morning, Ms. Murley.
10	A. Good morning.
11	Q. Ms. Murley, could you please turn to
12	Attachment A of your rebuttal testimony. Just let me
13	know when you're there.
14	A. Yes.
15	Q. Did you create Attachment A?
16	A. Yes.
17	Q. Was the information in Attachment A
18	provided to you?
19	A. Yes.
20	Q. So the information was provided to you
21	and you compiled it into the attachment, correct?
22	A. Correct.
23	Q. Okay. And it was provided to you by
24	FirstEnergy Corp., correct?
25	A. It was provided to me by the legal

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1 department.

2	Q. Okay. Before it was provided to you, did
3	you have any independent knowledge of the information
4	contained therein?
5	A. No, not before it was provided to me.
6	Q. Okay. And the information in the table
7	at the top of Attachment A, that table presents
8	employment, payroll, and covered dependents, correct?
9	A. Yes.
10	Q. Okay. And did you independently verify
11	the information contained in the table at the top of
12	Attachment A?
13	A. I did ask the legal department where that
14	information came from. And I understand that it came
15	from the same human resource database that is used
16	for SEC filings, but that particular information
17	specific to Shared Services, specific to the State of
18	Ohio, does not exist in any printed document and,
19	therefore, had to be provided specially by the legal
20	department.
21	Q. So you did not independently verify that
22	information to get those numbers on your own.
23	A. There's no secondary source to verify
24	that information for that specific subsidiary
25	specific to the State of Ohio.

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1	Q. Okay. You relied entirely on FirstEnergy
2	for the accuracy of those figures.
3	MR. ALEXANDER: Objection, asked and
4	answered.
5	A. Yes.
6	Q. Did you independently verify the
7	information stating that the FirstEnergy corporate
8	groups occupy all or parts of 15 separate buildings
9	that encompass more than 1 million square feet of
10	space?
11	A. No.
12	Q. Did you independently independently
13	verify the information in the bullet below that one
14	that says "In 2015, Ohio employees are engaged in
15	over 2,000 activities spread across 715 community
16	organizations, including over 700 leadership roles.
17	The senior executive leadership team has leadership
18	roles with 23 local organizations"?
19	A. No, I did not believe there would be a
20	secondary source for me to verify that information.
21	Q. And did you independently verify the
22	information contained in the bullet point below that
23	one that starts with "FirstEnergy Corp.'s Ohio
24	employees raised \$1.7 million for United Way in 2015"
25	and then goes on from there? Did you independently

1 verify any of that information in that bullet point?

A. No, I do not believe there would be a secondary source for me to verify that information.

Q. And did you independently verify the information contained in the following bullet point which states "FirstEnergy Corp. annually spends over \$10 million in local sponsorships such as the All American Soap Box Derby"?

9 A. No. I do not believe there would be a 10 secondary source for me to verify that information.

Q. Did you independently verify the information contained in the next bullet point stating that "FirstEnergy Corp. paid almost \$400,000 to Ohio based colleges and universities" and goes on from there?

A. No. I do not believe there would be asecondary source for that information.

Q. Did you independently verify the information contained in the following bullet point that starts "In 2015, FirstEnergy Corp. spent over \$2.5 billion spread across" and then goes on from there? Did you independently verify that information?

A. No. I do not believe there would be a secondary source for that information. And just to

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1	clarify, that information was used to support the
2	value of having a corporate headquarters in Akron.
3	The information that I used in my economic impact
4	calculations is contained in the table at the top of
5	Attachment A.
6	Q. Thank you. And we will get to that.
7	The following bullet points, did you
8	independently verify that information, the sentence
9	starting "There are" "There are 264 generation
10	support employees with an annual payroll" and then
11	goes on from there? Did you independently verify
12	that information?
13	A. No. There's no secondary source to
14	verify that specific information.
15	Q. And the final bullet point, did you
16	verify that the information contained in that bullet
17	point that "FirstEnergy Corp. has no employees" and
18	then the that goes on from there? Did you verify
19	any of the information in that bullet point?
20	A. No, I did not independently verify that
21	information.
22	Q. Did you use the information contained in
23	the bullet points in Attachment A as inputs in your
24	economic impact analysis of the headquarters?
25	A. The numerical inputs that I used in my

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1440 economic impact calculation are in the table at the 1 top of Attachment A, but all of the information in 2 3 Attachment A appears in my report. 4 Ο. So the bullet points were included in 5 your -- are you saying that the bullet points were 6 included in your model? 7 Α. They were included in my report, not in 8 my numerical calculations. 9 Ο. Not in your numerical calculation. 10 MS. GHILONI: Your Honor, at this time, I 11 move to strike Attachment A. The information is 12 classic hearsay, under Rule 801(c), and should be 13 stricken. It was provided to Ms. Murley by 14 FirstEnergy Corp. and it's being offered to prove the 15 truth of the matter asserted. 16 Ms. Murley has stated she has no 17 independent knowledge of this information. She 18 stated that she did not independently verify the 19 information and we have no way to cross-examine the 20 individual who is responsible for providing that 21 information. 22 Further, there is no foundation with 23 respect to Attachment A. The witness has no 24 knowledge of how the information was obtained. She 25 has no independent knowledge of that information or

the truth of the information. And as she indicated, 1 she did not independently verify that information. 2 3 She cannot testify to the accuracy or authenticity of 4 the information contained therein. 5 Additionally, the bullet points that are 6 listed in the attachment should be stricken on 7 relevancy grounds pursuant to Rule 401 and 402 as the 8 information was not even used as part of her economic 9 impact analysis. It was not used as part of her 10 calculation. It's, therefore, not relevant to her 11 testimony in this proceeding. 12 MR. SOULES: Your Honor, just very 13 briefly, Sierra Club would join that motion and would 14 further move to strike the repetition of those --15 that same information on pages 3 to 4 of Attachment 16 SM-R-1. 17 MR. MICHAEL: And, your Honor, OCC would 18 join the motion as well, and simply add that 19 Ms. Mikkelsen testified yesterday that she had no 20 involvement in the economic development study done by 21 Witness Murley. She is the only other witness that 22 has testified at this stage and, therefore, there is 23 absolutely no ability, as Ms. Walter pointed out, for 24 the intervenors to cross-examine the numbers on the 25 Attachment A.

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1	And I think it's important for your
2	Honors to note that what Ms. Mikkelsen and the
3	companies are trying to do is translate a benefit
4	into rates because they want to include the benefits
5	in rider DMR, and the intervenors have absolutely no
6	opportunity to cross-examine the figures on
7	Attachment A. Thank you.
8	EXAMINER ADDISON: Thank you.
9	Mr. Alexander?
10	MR. ALEXANDER: Thank you, your Honor.
11	Sort of take things in order. First,
12	with regard to the voir dire, I think it's important
13	to note what the witness said in response to, I think
14	it was the first or second question, which is where
15	the information came from. And she the witness
16	testified she followed up with the legal department,
17	the information comes from the companies' HR records,
18	which are the same HR records which support the SEC
19	filings and all the operations of the company.
20	And the witness also testified that there
21	was no public source for this data. That's correct.
22	If you look at the FirstEnergy SEC filings for
23	FirstEnergy Service Company, you will find a number.
24	The problem is, that's the global FirstEnergy Service
25	Company number. It's a little over 4,000 employees.

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What Ms. Murley was testifying about is 1 2 the value of the headquarters, which is obviously a 3 subset of that. So she didn't want to use the 4 global, publicly-available number. She wanted to use the smaller correct number. So she asked for that 5 6 from the legal department and it was provided; 1,360 7 employees. 8 Next, with regard to the relevance 9 The relevance of the testimony is the issues. 10 benefit of an HQ to the community. That has a 11 monetary and nonmonetary aspect. With regard to the 12 monetary, that's Ms. Murley quantification of the 13 568 million. With regard to the noneconomic impact 14 benefits, that's things like charitable 15 contributions, involvement in community activities, 16 things of that nature. 17 And that is the relevance of this sort of 18 series of bullet points here. It shows how 19 FirstEnergy's headquarters provides real value to the 20 Akron area and Ohio as a whole. 21 With regard to the hearsay issues and 22 challenges thereto; this is an expert witness. The 23 expert is relying on the business records of the 24 corporation, just like every other witness, to 25 testify in these proceedings on behalf of a utility

including every witness to testify in this case.
They have had to rely on company business records
they may not --

EXAMINER PRICE: Mr. Alexander, she didn't do anything to verify the information that was given to her. She did not go and look for -- she did not ask for any information -- at least it is being represented that she did not ask for any information to verify that the numbers given to her were correct. She simply took it at face value.

11 MR. ALEXANDER: Well, but I think she 12 did, your Honor, and that was her first point. When 13 the company -- she went to the company and asked for 14 this information to do her analysis. There is no 15 document they could have given her that had this 16 number. It's the company HR payroll records that 17 they use for all the company activities. It had to 18 be limited to just service company employees and just 19 Ohio in order to get her the right number.

EXAMINER PRICE: They could have given her a spreadsheet, right? This is the service company employees; this is the number in Ohio. How about the \$1.7 million raised for United Way? You know, did she do anything to verify that was -- was there any documentation given to her to verify that

1445 that's the correct number? 1 2 MR. ALEXANDER: Well, the company gave 3 her the information, but, again, the company had to 4 compile that for the right kind of employees. So 5 what I think this objection is implying there is some 6 document somewhere we could have given her and that 7 document simply doesn't exist. This is something 8 pulled from larger categories of information. 9 EXAMINER PRICE: How can they 10 cross-examine her on that \$1.7 million figure? How 11 can they say "Are you sure it wasn't a half a million 12 dollars?" if she can't answer that question? 13 MR. ALEXANDER: Well, your Honor, I would 14 point to Commission practice here. Whenever a 15 utility witness testifies, and here let's use 16 Mr. Lisowski, for instance? He had to testify to all 17 the cost figures which were provided by the companies 18 for the two plans. He had personal knowledge of the 19 companies' estimate, right, but those estimates had 20 been created by engineers at each of the plants 21 responsible for each of their sub areas of expertise. 22 So, as a company witness just like 23 Ms. Murley, Mr. Lisowski testified as to the 24 companies' business records. That's what Ms. Murley 25 These are the companies' records. is doing. They

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1	can ask questions about the facts contained therein.
2	And Ms. Murley is going to say she relied on the
3	company for this, just like every other utility
4	witness has to rely on company records.
5	EXAMINER PRICE: She is not she is not
6	a company employee.
7	MR. ALEXANDER: I am going to come back
8	to that.
9	EXAMINER PRICE: Those records weren't
10	compiled at her direction or her supervision. That's
11	the difference. Mr. Lisowski says these records were
12	compiled at my supervision and my direction.
13	MR. ALEXANDER: Well, I think
14	Mr. Lisowski testified they are compiled in the
15	normal course of business.
16	But with regard to the normal practice at
17	the Commission, the normal practice is these facts of
18	this type are available for discovery. Ms. Murley's
19	direct testimony and supplemental direct testimony
20	both included, at the minimum, the top paragraph, the
21	charitable stuff is additional, but the top table
22	were in both of those testimonies, without objection
23	from anyone. And then with regard to the facts
24	therein, they are available for discovery.
25	Now, here, just to anticipate what I

1	4	4	7
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1 expect to be an intervenor argument, there wasn't the 2 ability to do document discovery and interrogatories 3 because of the timing of the hearing we are in. 4 That's just the nature of rebuttal testimony, your 5 Honor. I mean, it's like that with any corporate 6 records, so I don't think that should be held against 7 the companies.

8 And then finally, with regard to 9 Mr. Michael's point with regard to the availability 10 of a witness to testify as to these facts, again, we 11 don't have a transcript from Ms. Mikkelsen's 12 testimony, but what I would suspect is Ms. Mikkelsen 13 testified she didn't have knowledge, as your Honor 14 pointed out, of how to do an economic impact 15 analysis, which is different from saying she does not 16 have knowledge of the companies' records which 17 contain these facts. Different thing. One is doing 18 the analysis and one is considering the underlying 19 facts. So I don't think it's correct to say there is 20 no company witness who could be asked about these 21 facts. Ms. Mikkelsen has not testified and has not 22 been asked that question yet. 23 MS. PETRUCCI: Your Honor, I would like

24 to weigh in, if I could, please? 25 EXAMINER ADDISON: Certainly.

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1	MS. PETRUCCI: I also support the motion
2	to strike, but Mr. Alexander just emphasized right
3	now how this witness doesn't have the knowledge. She
4	personally accepted what was given from FirstEnergy.
5	She didn't investigate it. She is just regurgitating
6	what they told her. She isn't an expert espousing an
7	opinion about that's the information that's
8	contained on Attachment A and pages 3 and 4 of her
9	rehearing attachment SM-R-1. She isn't an employee
10	of FirstEnergy. She doesn't have this knowledge.
11	It's classic hearsay and she isn't espousing an
12	opinion about the veracity of this, so it should be
13	stricken.
14	EXAMINER ADDISON: Thank you.
15	Ms. Ghiloni, did you have anything to
16	add?
17	MS. GHILONI: Your Honor, I think that
18	the hearsay issue is one that was actually directly
19	discussed with our witness, Mr. Lause, last week.
20	And it was the very similar information where he was
21	provided information from his staff and it was
22	stricken based on hearsay.
23	Here, this information wasn't even
24	provided from her staff. It was provided from
25	FirstEnergy. And as I mentioned previously, it was

1449 not independently verified for her -- by her, and 1 there's no opportunity to cross-examine her on all of 2 this information. So, for that reason, the entire 3 4 attachment should be stricken. 5 EXAMINER ADDISON: Thank you. MR. ALEXANDER: Your Honor, just the new 6 7 points? 8 EXAMINER ADDISON: Certainly, 9 Mr. Alexander. 10 MR. ALEXANDER: With regard to 11 Ms. Petrucci's argument on regurgitating information. 12 That's not true. The witness took that information 13 and then conducted an analysis with it. So that's 14 just simply not true. 15 With regard to the argument that she did 16 not independently, I guess, create the information, 17 yeah, that's true. That's why she disclosed it on 18 Attachment A as assumptions provided by FirstEnergy. 19 She then used those assumptions to conduct her 20 analysis. That's the point of her putting all this 21 information on Attachment A, to make very, very clear 22 what information was provided by FirstEnergy, and 23 then the remainder of her testimony was stuff that 24 she created. 25 And then, finally, with regard to the

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1	business records issue, under the hearsay rules for
2	business records, you do not need the person who
3	created the record or the custodian of the record to
4	testify to authenticate the business record. All you
5	need is one with knowledge of the process.
6	Here, Ms. Murley testified, today, she
7	has knowledge that she got the information from the
8	legal department. She asked where it came from. The
9	legal department told her it's the HR records, the
10	same HR records which were used to create the SEC
11	filings. If she would have used those SEC filings,
12	it would have overstated the impact and she didn't
13	want to do that. She I think she should be commended
14	rather than criticized for that.
15	EXAMINER ADDISON: Thank you.
16	At this time, we will be granting in part
17	and denying in part the pending motion to strike.
18	Turning to page 3 of Attachment SM-R-1,
19	we will be granting the motion to strike beginning
20	with "Other Community Impacts" to page 4 ending with
21	the paragraph entitled "Tuition Reimbursement."
22	Moving on to Attachment A of Ms. Murley's
23	testimony, we will be granting the motion to strike
24	beginning after the table at the top of the page, so
25	all of the bullet points will be stricken.

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1	MR. ALEXANDER: Your Honor, one point of
2	clarification. Ms. Walter's I almost used her
3	maiden name there, Ms. Walter's examination on this
4	point I think purposefully and correctly started with
5	the second bullet point. The witness did
6	independently verify the first bullet point, and so
7	Ms. Walter didn't ask her about the first one I think
8	based on her deposition. Ms. Walter, was that
9	correct? Or, excuse me, your Honor, I believe that
10	to be correct.
11	EXAMINER ADDISON: Is that correct,
12	Ms. Walter?
13	MS. GHILONI: I did not ask her about the
14	first bullet point, no.
15	EXAMINER ADDISON: Thank you for that
16	clarification. So the motion to strike will be
17	granted starting with the second bullet point to the
18	end of that page.
19	Did you have any other motions to strike,
20	Ms. Walter?
21	MS. GHILONI: No, I did not, your Honor.
22	MR. MICHAEL: Your Honor, in light of
23	your ruling, OCC believes that it may make sense to
24	take some time to go through the testimony and
25	consider the cross-examination and how your Honors'

1452 ruling might impact that. So we would request a 1 2 brief recess to do that. 3 EXAMINER ADDISON: I think that's fair. 4 We will go ahead and take a 10-minute recess. I want 5 to keep things going as much as we can today. We 6 will return at 9:50. 7 MR. MICHAEL: Thank you, your Honor. 8 EXAMINER ADDISON: Thank you. 9 Let's go off the record. 10 (Recess taken.) 11 EXAMINER ADDISON: Let's go back on the 12 record. 13 Mr. Soules. 14 MS. PETRUCCI: If I may, based on the 15 ruling you issued, there are some additional spots, 16 within the Attachment SM-R-1, that are exactly 17 relying upon the portions that are contained in the 18 bullets that were stricken from Attachment A to that 19 attachment. 20 So, for instance, if we turn to page 2 of 21 Attachment SM-R-1, the second paragraph on that page, 22 the last two sentences beginning with the word "However," that's precisely the same information that 23 24 was stricken in the second-to-last bullet on 25 Attachment A.

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1	EXAMINER ADDISON: Mr. Alexander.
2	MR. ALEXANDER: I'm sorry, Ms. Petrucci,
3	are you done?
4	MS. PETRUCCI: I have a couple of other
5	spots. I just want to give you a chance to take a
6	look at each.
7	EXAMINER ADDISON: Certainly. Let's go
8	through each instance and then we will provide
9	Mr. Alexander an opportunity to respond.
10	MS. PETRUCCI: Then the next one that I
11	quickly found here is on page 5 of Attachment SM-R-1,
12	that first paragraph, the second half of it beginning
13	with "This is actually" also relies again on the same
14	information that was stricken in Attachment A.
15	The next example is on page 6 under the
16	"Community Benefits" section of Attachment SM-R-1
17	that carries over to the top of page 7.
18	EXAMINER PRICE: What are you moving,
19	Ms. Petrucci? You are not giving us very pinpoint
20	cites.
21	MS. PETRUCCI: I had 10 minutes, your
22	Honor. I'm trying.
23	EXAMINER PRICE: Should we reconsider our
24	ruling?
25	MS. PETRUCCI: What I'm suggesting is

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1454 that in other parts of the report she has included 1 the same information that the Bench just struck, and 2 3 what I am trying to quickly point out to you is that 4 if it's inappropriate as part of Attachment A, it's 5 not appropriate to continue to keep it on the other 6 parts of the attachment. 7 EXAMINER PRICE: I understand you are 8 just pointing us to general paragraphs and saying I 9 think some of this is probably wrong instead of 10 actually making -- if you are going to make a motion, 11 make a motion, have a beginning and an end. 12 MS. PETRUCCI: Under the heading 13 "Community Benefits." 14 EXAMINER PRICE: Can we go back to the 15 previous one, first? 16 MS. PETRUCCI: On page 5, the sentence in 17 the middle of the first paragraph that begins with 18 "This is actually" and to the end of that paragraph. That relies on the same information that was in the 19 20 second-to-last bullet on Attachment A. 21 EXAMINER PRICE: What's wrong with her 22 saying "This is actually a conservative 23 estimate..."? 24 MS. PETRUCCI: Because if you continue 25 reading, it's because her conclusion is based on

1455 exactly the information you just struck. 1 2 EXAMINER PRICE: What's your motion on 3 page 6? 4 MS. PETRUCCI: And then page 6, beginning 5 with the heading "Community Benefits" and all the way 6 through that page and to the first two lines on 7 page 7. Again, this basis is that this is 8 information that she received that you -- from 9 FirstEnergy, that you struck in Attachment A. 10 MR. ALEXANDER: I guest, first, a 11 question, your Honor. A motion was made; it 12 identified areas to strike. Your Honors ruled on 13 that motion and then were kind enough to grant a 14 recess in order for people to hopefully cut down 15 their crosses. Are your Honors inclined to rule on 16 Ms. Petrucci's motion at this point? 17 EXAMINER PRICE: There is no time limit 18 on motions to strike. FirstEnergy was granted a 19 motion to strike at the end of somebody's testimony 20 the other day. I mean, so no, there is no -- it 21 wasn't like they waived because we called on 22 Mr. Soules. 23 MR. ALEXANDER: I will take that as an 24 answer, your Honor. 25 MR. MICHAEL: Well advised, Counselor.

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1	MR. ALEXANDER: And with regard to the
2	substance, I would disagree with the deletion at
3	page 6. I believe it is overbroad. At most, I
4	believe the provision should be stricken, in the
5	first paragraph, begins with the word "In 2015"
6	through the end of that paragraph. The rest of the
7	information, the "Community Benefits" paragraph is
8	not related to Attachment A, so I believe that
9	portion of the motion was overbroad.
10	EXAMINER ADDISON: At this time we will
11	be granting in part and denying in part the motion to
12	strike. Beginning on page 2 of Attachment SM-R-1,
13	beginning in the second paragraph, the third line
14	down, beginning with the word "However" to the end of
15	that paragraph, we will be granting the motion to
16	strike.
17	Moving to page 5 of that same attachment,
18	we will be granting the motion to strike beginning on
19	the sixth line down of the first paragraph starting
20	with the word "because" and ending on that same
21	paragraph before Figure 2 with "in this analysis."
22	MR. McNAMEE: Which page is that?
23	EXAMINER ADDISION: That was page 5 of
24	that same attachment.
25	MR. McNAMEE: A.

1457 MS. PETRUCCI: So then just to be clear, 1 2 the sentence, as it remains, "This is actually a 3 conservative estimate of the headquarters impact." 4 EXAMINER ADDISON: That's correct. 5 And moving on to page 6 of that same 6 attachment, under the headings "Community Benefits" 7 the first paragraph we will be granting the motion to strike beginning with "In addition" in that first 8 9 line to the fifth line "their local communities." 10 We will be denying the motion to strike 11 for the last three sentences of that paragraph 12 beginning with the words "In 2015" and -- oh, I'm 13 sorry. I reversed that. My apologies. 14 We will be granting the motion to strike 15 beginning with line 5 starting with the words "In 16 2015" to the end of that paragraph, ending with 17 "Harvest for Hunger program." MR. McNAMEE: So does the first part 18 19 stav? 20 EXAMINER ADDISON: Yes. As to the 21 remaining portion of that particular motion to 22 strike, under the heading "Community Benefits," the motion will be denied. 23 24 MS. PETRUCCI: Thank you, your Honor. 25 EXAMINER ADDISON: Thank you.

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	1458
1	MR. MICHAEL: Your Honor, OCC has one
2	motion to strike that I would like to make very
3	quickly.
4	EXAMINER ADDISON: Certainly,
5	Mr. Michael.
6	MR. MICHAEL: Thank you, your Honor.
7	OCC would like to strike Ms. Murley's
8	testimony in its entirety. It's only relevant to the
9	extent that Ms. Mikkelsen asks that the Commission
10	include the economic benefits of the headquarters in
11	Akron be included in rider DMR.
12	However, as a matter of law, under the
13	ESP statute, the Commission cannot possibly include
14	the economic benefits in rider DMR. Under 4928.143,
15	the only conceivably applicable provision is
16	(B)(2)(i). And as your Honor no doubt knows, it
17	provides "Provisions under which the electric
18	distribution utility may implement economic
19	development, job retention, and energy efficiency
20	programs, which provisions may allocate program costs
21	across all classes of customers."
22	There is absolutely no dispute but that
23	Ms. Murley is testifying to purported economic
24	benefits. There is absolutely no dispute that
25	Ms. Mikkelsen asks the Commission to include those

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1	purported benefits in rider DMR.
2	The Commission, as a matter of law,
3	simply doesn't have the authority to do that. It's
4	costs and only costs. There is no testimony about
5	costs. It's all economic benefits. And, therefore,
6	your Honor
7	EXAMINER PRICE: Can I ask a question?
8	MR. MICHAEL: Excuse me, your Honor?
9	EXAMINER PRICE: Can I ask a question?
10	MR. MICHAEL: Absolutely.
11	EXAMINER PRICE: Did you think this up in
12	the 10-minute break? I am thinking I should have
13	said if you didn't make the motion to strike, you
14	waived it. I mean, this was something we addressed
15	earlier in the motions to strike the testimony in
16	entirety. Why are you bringing this up now?
17	MR. MICHAEL: I'm sorry, your Honor, but
18	I don't recall anybody citing to the ESP statute.
19	EXAMINER PRICE: I didn't say I didn't
20	say people made this argument. I said we took the
21	motion to strike on her testimony in their entirety
22	and now you are coming back, after we've started
23	doing individual pieces, with another broad motion to
24	strike, and I am asking why are you bringing this up
25	now.

1460 MR. MICHAEL: Because now is the time I 1 2 have the opportunity to do so. Mr. Soules made the 3 first motion. Ms. Walter made the second motion. 4 And now it's my opportunity to make my motion. 5 And the motion to strike in its entirety 6 is based on, I think as your Honor acknowledged, 7 different grounds and those are statutory grounds, 8 and the statute is clear and unambiguous. Economic 9 development may be included in an ESP, but only 10 program costs can be considered. 11 The testimony is all about economic 12 benefits. And because the Commission cannot possibly 13 award recovery of economic benefits through rider DMR 14 as a matter of law, Ms. Murley's testimony is 15 completely irrelevant and should be stricken. Thank 16 you. 17 EXAMINER ADDISON: Thank you, 18 Mr. Michael. 19 At this time we are going to deny the 20 motion to strike. You can make that argument in your 21 brief. Thank you. 22 Are there any additional motions to 23 strike? 24 Okay. Just checking. 25 Mr. Soules.

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1	MR. SOULES: Thank you, your Honor.
2	
3	CROSS-EXAMINATION
4	By Mr. Soules:
5	Q. Good morning, Ms. Murley. My name is
6	Michael Soules, and I represent Sierra Club in this
7	case. How are you today?
8	A. Fine, thank you.
9	Q. Great. Before we talk about your
10	rehearing testimony, I wanted to quickly cover just a
11	few preliminary points. First of all, if I refer to
12	the companies' proposed modifications to rider RRS as
13	the "proposal," will you understand what I mean?
14	A. Are you referring to modified rider RRS?
15	Q. Yes.
16	A. Yes, I understand.
17	Q. Okay. And you're aware that the
18	Commission staff has proposed a distribution
19	modernization rider, correct?
20	A. Yes.
21	Q. If I refer to that proposed rider as the
22	"staff proposal" or as the "DMR," will you understand
23	what I mean?
24	A. Yes.
25	Q. Great. Now, you've filed three rounds of

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1	written testimony in this case thus far, correct?
2	A. Yes.
3	Q. And your rebuttal rehearing testimony was
4	filed last Friday, correct?
5	A. Yes.
6	Q. If I refer to your rebuttal rehearing
7	testimony simply as "your testimony," will you
8	understand what I mean?
9	A. Yes.
10	Q. Great. Your testimony presents an
11	analysis of both the economic impact and tax revenue
12	<pre>impact of FirstEnergy Corp.'s headquarters, correct?</pre>
13	A. Yes.
14	Q. Could you please turn to page 2 of your
15	testimony. Starting on line 3, there's a sentence
16	that reads "Staff witness Buckley failed to address
17	the economic and revenue impacts of the HQ." Do you
18	see that reference in your testimony?
19	A. Yes, I see that.
20	Q. So Mr. Buckley's testimony does not
21	discuss the economic impact of FirstEnergy Corp.'s
22	headquarters, correct?
23	A. Correct. He omitted that discussion.
24	Q. And it's your understanding that
25	Mr. Buckley did not quantify any of the economic and

1463 revenue impacts of the headquarters, correct? 1 2 Correct. He did not quantify the Α. 3 economic and revenue impacts of the headquarters. 4 Ο. So your testimony addresses what you 5 believe to be an omission in his testimony, correct? 6 Correct. I believe he failed to quantify Α. 7 that. And there's not any specific statement in 8 Ο. 9 Mr. Buckley's testimony that you are disagreeing with 10 in your testimony, correct? 11 Α. Correct. 12 Ο. Thank you. 13 Ms. Murley, are you aware that the staff 14 proposal includes a recommendation that FirstEnergy 15 Corp. must keep its corporate headquarters and nexus 16 of operations in Akron, Ohio, for the entire term of 17 the electric security plan? 18 Α. Yes. 19 MR. ALEXANDER: Can I have that 20 question --EXAMINER ADDISION: Do you still want the 21 22 question? 23 MR. ALEXANDER: No, your Honor. 24 EXAMINER ADDISON: Thank you. 25 Please proceed.

	1464
1	MR. SOULES: Thank you.
2	Q. And, Ms. Murley, you are not offering an
3	opinion or recommendation to the Commission about
4	whether this should be a condition of the staff
5	proposal, correct?
6	A. I'm offering an opinion that the benefit
7	of keeping the headquarters in Akron should be
8	accounted for in rider DMR.
9	Q. Can you point me to anywhere in your
10	written testimony where you discuss rider DMR?
11	A. I'm addressing Staff Witness Buckley's
12	testimony, the subject of which is rider DMR.
13	MR. SOULES: Could I have the
14	second-to-last answer read?
15	EXAMINER ADDISON: Absolutely. Let's
16	have the question and answer read.
17	(Record read.)
18	Q. (By Mr. Soules) So, Ms. Murley, you're
19	not specifically opining on whether the Commission
20	should approve the staff recommendation that the
21	headquarters must remain in Akron, correct?
22	A. Correct.
23	Q. Okay. It's your understanding that if
24	the Commission approves the staff proposal, customers
25	will pay charges to the companies under the DMR,

1465 1 correct? 2 Α. Correct. And you're not offering any opinions 3 Ο. 4 about whether those DMR payments should be refunded 5 if FirstEnergy Corp. moves its headquarters and nexus 6 of operations out of Akron, correct? 7 Α. Correct. And you're not offering any opinions 8 Ο. 9 about whether the Commission should approve the staff 10 proposal, correct? 11 Α. Correct. 12 MR. ALEXANDER: Objection. 13 EXAMINER ADDISON: I believe she just 14 answered. 15 MR. ALEXANDER: Could I have the question 16 and answer reread then, your Honor? 17 EXAMINER ADDISON: You may. 18 (Record read.) 19 MR. ALEXANDER: Your Honor, I'm still 20 going to make the objection because I think that 21 question was vague. The witness has been very clear 22 she disagrees with Mr. Buckley's quantification of 23 the staff proposal, and I don't think that question 24 identified the difference between quantification of 25 the staff proposal and the nature of the staff

1466 proposal including rider DMR. 1 2 EXAMINER ADDISON: Thank you. You can 3 certainly bring that up on redirect. 4 MR. SOULES: Thank you, your Honor. 5 (By Mr. Soules) Ms. Murley, you're not Ο. 6 offering any opinions about the level of funding that 7 would be needed to provide adequate credit support to the companies, correct? 8 9 I am not offering an opinion about the Α. 10 calculation of rider DMR with respect to the credit 11 support. 12 Ο. So you are also not offering any opinion 13 about the level of funding that would be needed to 14 provide adequate credit support to FirstEnergy Corp., 15 correct? 16 Correct. Α. 17 Ο. So for your -- for your rebuttal testimony you filed six pages of written testimony as 18 19 well as the report that's labeled Attachment SM-R-1, 20 correct? 21 Α. Correct. 22 And your written testimony summarizes the Ο. 23 results of the analysis that's described in 24 Attachment SM-R-1, correct? 25 Α. Correct.

1467 And all of the analytical results that 1 Ο. 2 are presented in your testimony can also be found in 3 Attachment SM-R-1, correct? 4 Α. Correct. 5 Okay. Could we look at page 5 of Ο. 6 Attachment SM-R-1. In looking at Figure 2, the table 7 in Figure 2 summarizes your estimate of the annual economic impact of FirstEnergy Corp.'s headquarters 8 9 on the State of Ohio, correct? 10 Α. Correct. 11 So if we set aside the tax revenue Ο. 12 impacts for a moment, you estimated that the total 13 economic impact of the headquarters is \$568 million 14 annually, correct? 15 Α. Correct. 16 And that \$568 million figure includes the Ο. 17 \$244.6 million personal income figure that's also 18 shown in Figure 2, correct? 19 Correct, by definition, personal income Α. 20 is a component of output. 21 Ο. Okay. Thank you. 22 Ms. Murley, you're not offering any 23 opinions about the likelihood that FirstEnergy Corp. 24 might move its headquarters out of Akron if the 25 Commission rejects the companies' proposal, correct?

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1	A. Correct.
2	Q. And you're not offering any opinions
3	about the likelihood that FirstEnergy Corp. might
4	move its headquarters out of Akron if the Commission
5	rejects the staff proposal, correct?
6	A. Correct.
7	Q. And you're not offering any opinions
8	about the likelihood that FirstEnergy Corp. might
9	move its headquarters out of Akron prior to May 31,
10	2024, correct?
11	A. Correct.
12	Q. And, Ms. Murley, you have not reviewed
13	the rebuttal and surrebuttal testimony that
14	FirstEnergy Witness Eileen Mikkelsen filed on Monday
15	of this week, correct?
16	A. Correct.
17	Q. No one employed by the companies has told
18	you that FirstEnergy Corp. might move its
19	headquarters out of Akron, correct?
20	A. Correct.
21	Q. And no one employed by FirstEnergy
22	Service Company has told you that FirstEnergy Corp.
23	might move its headquarters out of Akron, correct?
24	A. Correct.
25	Q. And no one employed by FirstEnergy

1469 Solutions has told you that FirstEnergy Corp. might 1 move its headquarters out of Akron, correct? 2 3 Α. Correct. 4 Ο. And you don't have any reason otherwise 5 to think that FirstEnergy Corp. might move its 6 headquarters out of Akron in the foreseeable future, 7 correct? 8 Α. Correct. 9 And you're not offering any opinion about Q. 10 the level of funding that the DMR should be set at, 11 correct? 12 Α. I'm not offering an opinion as to how the 13 amount should be calculated, but I am offering the 14 opinion that it should account for the benefit of 15 keeping the headquarters in Akron. 16 MR. SOULES: Your Honor, could I have 17 that last answer read back? 18 EXAMINER ADDISON: You may. 19 (Record read.) 20 MR. SOULES: Your Honor, may I approach? 21 EXAMINER ADDISON: You may. 22 (By Mr. Soules) Ms. Murley, you have been Ο. 23 handed a copy of the transcript for your deposition that was taken on July 26. Do you recall having your 24 25 deposition taken two days ago?

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1	A. Yes.
2	Q. And you were under oath for that
3	deposition, correct?
4	A. Yes.
5	Q. Could you please turn to page 18 of the
6	deposition transcript. Please let me know when
7	you're there.
8	A. Yes.
9	Q. Starting on line 19, it states "Question:
10	Are you offering an opinion about the level of
11	funding that Rider DMR should be set at?"
12	"Answer: No, I am not."
13	Did I read that correctly?
14	MR. ALEXANDER: Objection.
15	EXAMINER ADDISON: Grounds?
16	MR. ALEXANDER: I would have to hear it
17	repeated to be sure, but I believe the first
18	question, which is the foundation for this
19	impeachment, was not limited to the quantification of
20	the DMR, but also included the concept of whether the
21	economic impact of the headquarters should be
22	included. I believe the question from the deposition
23	is limited to level of funding which is a sole
24	quantification issue.
25	I think the witness's answer was clear,

1471 she is not providing an opinion as to the 1 2 quantification, but is providing an opinion as to the 3 inclusion of the concept. So I think the questions 4 are very slightly different and, therefore, improper 5 impeachment. 6 EXAMINER ADDISON: I think you asked the 7 same question, so overruled. 8 Ο. (By Mr. Soules) So, Ms. Murley, did I 9 read that correctly? 10 Are you asking did you read the statement Α. 11 in the deposition correctly? 12 Ο. Yes. 13 Α. Yes. 14 Q. Okay. Thank you. 15 FirstEnergy Service Company provided 16 several of the inputs you used for your economic 17 impact analysis, correct? 18 Α. Correct. 19 And those inputs are presented in Ο. 20 Attachment A to Attachment SM-R-1, correct? 21 Α. Correct. 22 0. If we could please turn to Attachment A. Are you there? 23 24 Α. Yes. 25 Thank you. Ο. Great.

1472 If we could look at the table that's at 1 2 the top of that page, this table presents employment, 3 payroll, and covered dependent information from 2015, 4 correct? 5 Α. Correct. 6 And these figures are for Shared Services 0. 7 employees that work within the State of Ohio, 8 correct? 9 A. Correct. 10 And you don't know those employees' exact Q. 11 location, except that they are somewhere within Ohio, correct? 12 13 Yes, and since I am looking at the Α. 14 impacts on the State of Ohio, that's the only 15 relevant criteria. 16 MR. SOULES: Your Honor, I would move to 17 strike everything after the word "Yes" as being 18 nonresponsive to the question. EXAMINER ADDISON: Mr. Alexander? 19 20 MR. ALEXANDER: Your Honor, it's a 21 misleading question. The witness was explaining why 22 she looked at that data; she had to, in light of the 23 nature of the misleading question. 24 EXAMINER ADDISION: I'll deny the motion 25 to strike.

1473 Please continue, Mr. Soules. 1 2 MR. SOULES: Okay. Thank you, your 3 Honor. 4 Ο. (By Mr. Soules) Ms. Murley, you don't 5 know if there are 1,360 employees that were working out of the FirstEnergy Corp. headquarters in 2015, 6 7 correct? MR. ALEXANDER: Objection, asked and 8 9 answered. We had a lengthy voir dire of this witness 10 on just these facts. 11 MR. SOULES: Your Honors, I believe the 12 voir dire was directed towards other parts of 13 Attachment A and not to this specific question. 14 EXAMINER ADDISON: I'll allow the 15 question. You may answer. 16 THE WITNESS: Could you repeat the 17 question? 18 MR. SOULES: Could we have that question 19 reread? 20 EXAMINER ADDISON: Yes, please. 21 (Record read.) 22 Α. The information that I was provided from 23 the legal department from human resources indicated 24 these employees worked in Ohio. 25 (By Mr. Soules) Your Honor, I would move Q.

1474 to strike that answer as nonresponsive to the 1 2 question which was asking about headquarters, not the 3 entire State of Ohio. 4 MR. ALEXANDER: Your Honor, what the 5 question did not ask was do the FirstEnergy Service 6 Company employees in the State of Ohio work at the 7 headquarters. There's actually two questions 8 embedded in that question; the number and the work 9 location. 10 EXAMINER ADDISON: Thank you. 11 Would you mind just rephrasing your 12 question, Mr. Soules? Just to make sure the record 13 is clear. 14 MR. ALEXANDER: Mr. Soules, could you 15 turn on your microphone, please. 16 MR. SOULES: It keeps going out. Yeah, 17 thank you. 18 Could I have my last question reread? 19 EXAMINER ADDISON: You may. 20 (Record read.) 21 MR. SOULES: I am going to strike my 22 question and move on. Thank you, your Honor. 23 EXAMINER ADDISON: Thank you. 24 Ο. (By Mr. Soules) Ms. Murley, could you 25 please turn to page 3 of your testimony.

	1475
1	A. Okay.
2	Q. Great. Starting on line 10, there is a
3	sentence that reads "The direct output of the HQ is
4	therefore defined as the value of the services
5	produced." Do you see that sentence in your
6	testimony?
7	A. Yes, I see that.
8	Q. Okay. Great. Now, if we could turn back
9	to Attachment SM-R-1 to page 5. Are you there?
10	A. Yes.
11	Q. Great. Thank you. In looking again at
12	Figure 2, the number that's reported in the first row
13	and first column is \$295.5 million. Do you see that
14	figure in your report?
15	A. Yes, I see that.
16	Q. And that figure represents the direct
17	output of FirstEnergy Corp.'s headquarters
18	operations, correct?
19	A. That's correct.
20	Q. So it's your testimony that the value of
21	the services provided by the headquarters operations
22	is \$295.5 million annually, correct?
23	A. Yes, based on the definition of "output."
24	Q. And just to be clear, for your rehearing
25	testimony you did not review any payroll or

1476 employment information for any year prior to 2015, 1 2 correct? 3 Α. Correct. 4 Ο. And you didn't review any such information for 2016, correct? 5 6 Correct. I did my analysis based on data Α. 7 for 2015. 8 Ο. Great. In looking again at this \$295.5 9 million figure, that number is generated by dividing 10 the \$151.3 million payroll figure by an IMPLAN 11 multiplier; is that correct? 12 Α. Yes. The direct personal income 13 multiplier. 14 So under your analysis, the value of the Ο. 15 services provided by the headquarters is directly 16 tied to the compensation being paid to the Shared 17 Services employees, correct? 18 Correct. Α. 19 So using that same approach, if Ο. 20 FirstEnergy Corp. hypothetically doubled the salaries 21 of everyone working in Shared Services, the direct 22 output of the headquarters would also double to 23 approximately \$590 million; is that correct? 24 Α. I used the approach of the personal 25 income multiplier in this case because IMPLAN has an

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1	expected average wage for that particular industry in
2	Ohio, which is only slightly higher than the actual
3	average wage for FirstEnergy, and since those to
4	numbers are consistent, it was appropriate to use the
5	personal income multiplier to estimate direct output.
6	However, if those numbers were
7	inconsistent, as they would be if you doubled the
8	salaries of these people, I would have used the
9	employment multiplier as a way to estimate direct
10	output.
11	MR. SOULES: Your Honor, I would move to
12	strike that answer as being nonresponsive to my
13	question which was asking about the way that these
14	numbers work. I was not asking for a discourse about
15	other ways direct output could be calculated.
16	EXAMINER ADDISON: Mr. Alexander.
17	MR. ALEXANDER: Well, your Honor, the
18	first question related to how the numbers work with
19	regard to the division and the multiplier.
20	The second question asked if you doubled
21	the payroll for the Shared Services employees in
22	Ohio, would that then double the output? The witness
23	said no, it would not. Why? Because the FirstEnergy
24	salaries are below the average used by IMPLAN. And
25	if you doubled the FirstEnergy salaries, she would

1478 have no longer used that, therefore, it would not 1 2 have doubled the output. She would have used the employment number -- the 13,000 -- 1,360. So she was 3 4 directly responsive, explaining why it would not have 5 doubled the direct output. EXAMINER ADDISON: I believe he phrased 6 7 it as a hypothetical, though. 8 MR. ALEXANDER: Right. And she -- I am 9 sorry, your Honor. May I respond? 10 EXAMINER ADDISON: Yes. Absolutely. 11 MR. ALEXANDER: She answered the 12 hypothetical by saying no, because if you make the 13 salaries unreasonable at this point, you go to the 14 1,360 employment number to do the calculation; you 15 wouldn't use the unreasonable salary number. So she 16 answered the hypothetical by saying no. 17 EXAMINER ADDISON: I'll deny the motion 18 to strike. Thank you. 19 MR. SOULES: I'm sorry, your Honor, what 20 was that? 21 EXAMINER ADDISON: I am denying the 22 motion to strike. 23 MR. SOULES: Okay. Thank you, your 24 Honor. 25 (By Mr. Soules) Ms. Murley, do you still Ο.

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1	have a copy of your deposition transcript in front of
2	you?
3	A. Yes.
4	Q. Could you please turn to page 34 of the
5	transcript.
6	A. Yes.
7	Q. Starting on line 3, it states "Question:
8	Just so I understand how this direct output figure is
9	developed, if FirstEnergy Corp. were to double the
10	salaries of everyone working in the Shared Services
11	department, the direct output of headquarters would
12	also double to approximately \$590 million; is that
13	correct?"
14	"Answer: Based on the way that I have
15	applied the multipliers, if personal income were to
16	double, output would also double."
17	"However, it's also possible to estimate
18	output based on employment, and if the personal
19	income doubled that, would provide a fairly
20	unreasonable income per employee."
21	Did I read that correctly?
22	MR. ALEXANDER: Objection, your Honor.
23	EXAMINER ADDISON: Grounds?
24	MR. ALEXANDER: It's exactly what she
25	testified to today.

1480 MR. SOULES: Your Honor, Ms. Murley, 1 2 today, did not provide a direct answer to the question and, instead, just offered an opinion about 3 4 other ways to calculate, so it is inconsistent. EXAMINER ADDISON: Didn't she offer the 5 6 same opinion in her deposition? 7 MR. SOULES: She did, after answering my 8 question. She did offer an opinion about another way 9 to calculate. 10 EXAMINER ADDISON: Thank you. We will 11 just let the record stand on its own and we will move 12 on from this point. 13 MR. SOULES: Okay. Thank you, your 14 Honor. 15 (By Mr. Soules) Ms. Murley, the \$295.5 Ο. 16 million figure is not directly tied to the 17 profitability of FirstEnergy Corp., correct? 18 Α. Correct. 19 In preparing your rehearing testimony, Ο. 20 you did not conduct any investigation to ascertain 21 the value of the services that were being provided by 22 the Shared Services employees within FirstEnergy 23 Corp., correct? 24 I relied on the IMPLAN assumptions that Α. 25 are contained in the multipliers to make those

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calculations. 1 2 And apart from the IMPLAN multiplier, and Ο. 3 the numbers that were provided by FirstEnergy Service 4 Company, you didn't look at any other data or information, correct? 5 6 Α. Correct. 7 Ο. If we could look at the "Vendor Purchases" row in Figure 2. The figures that are 8 9 reported in this row were generated using an IMPLAN 10 multiplier as well, correct? 11 That's correct. Α. 12 Ο. And you did not take any steps to verify 13 whether actual vendor purchases are \$110 million --14 \$110.2 million annually, correct? 15 Correct, because there are inherent Α. 16 difficulties in obtaining data in the format that 17 would be needed by IMPLAN. For example, oftentimes 18 where an invoice is sent to pay for a good or 19 services not for the good or services produced; and 20 for the purpose of IMPLAN, where it was produced is 21 the relevant fact. 22 MR. SOULES: Your Honor, I would move to 23 strike everything after "Correct" as being 24 nonresponsive; perhaps a subject for redirect, but 25 not responsive to this question.

1482 EXAMINER PRICE: Could I have the 1 2 question and answer back again, please. 3 (Record road.) 4 MR. ALEXANDER: Your Honor? 5 EXAMINER ADDISON: Mr. Alexander. 6 MR. ALEXANDER: I think these questions 7 are a little bit repetitive. The first question is 8 did you rely on IMPLAN to create this row; answer, 9 yes. Second question, isn't it true that you didn't 10 look at actual vendor purchases. She already said 11 she looked at IMPLAN to create that row. So the only 12 logical answer -- or reason why the second question 13 would have been asked is to ask why and so she 14 explained the why. The point was just to see if she relied on IMPLAN. That was the answer in response to 15 16 the first question. 17 MR. SOULES: Your Honor, the question was 18 about verifying actual numbers versus a number that's 19 generated by a multiplier. 20 EXAMINER ADDISON: Thank you. 21 I am going to grant the motion to strike. 22 Mr. Alexander, you can bring that up 23 during redirect. Thank you. 24 MR. SOULES: Thank you, your Honor. 25 (By Mr. Soules) Ms. Murley, you did not Ο.

1483 take any step to verify whether actual vendor 1 2 purchases support 736 jobs, correct? 3 MR. ALEXANDER: Objection. 4 EXAMINER ADDISION: Grounds? 5 MR. ALEXANDER: I believe Counsel 6 misspoke. 7 MR. SOULES: Thank you. 8 EXAMINER ADDISON: Would you please 9 restate your question. 10 (By Mr. Soules) Ms. Murley, you did not Ο. 11 take any steps to verify whether actual vendor 12 purchases support 756 jobs, correct? 13 Correct. I relied on the IMPLAN Α. 14 assumptions, because verifying that would have 15 required me to interview each vendor regarding how 16 many employees they had, and how much of their 17 employees could be attributed to the purchases made 18 by FirstEnergy. 19 MR. SOULES: Your Honor, I move to strike 20 everything beginning with the word "because." 21 EXAMINER ADDISON: Motion to strike will 22 be granted. 23 Ms. Murley, I will instruct you just to 24 listen to Counsel's question and answer only his 25 question. Mr. Alexander can raise any other

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1	additional issues you believe would be relevant or
2	helpful to the Commission during redirect.
3	THE WITNESS: Yes, ma'am.
4	EXAMINER ADDISON: Thank you.
5	MR. SOULES: Thank you, your Honor.
6	Q. (By Mr. Soules) Ms. Murley, you did not
7	take any steps to verify whether actual vendor
8	purchases generate \$39.8 million in personal income,
9	correct?
10	A. Correct.
11	Q. Looking down at the third row entitled
12	"Local Employee Spending," you did not take any steps
13	to independently verify whether the output,
14	employment, and personal income figures reported in
15	that row are reflective of actual output, employment,
16	and personal income, correct?
17	A. Correct. I relied on the IMPLAN
18	multipliers.
19	Q. Ms. Murley, you are familiar with the
20	phrase "opportunity costs," correct?
21	A. Yes.
22	Q. And you would agree that, generally
23	speaking, opportunity costs means if you were giving
24	up spending on Activity A in order to spend on
25	Activity B, there's an opportunity cost to doing

1485 Activity B, because you couldn't do Activity A. 1 2 Α. Correct. 3 Ο. It's your understanding that under the 4 staff proposal, the companies' customers would pay 5 \$131 million to the companies annually for three 6 vears, correct? 7 Α. Correct. 8 Ο. And it's your understanding that under 9 the staff proposal, the DMR would end after three 10 years, correct? 11 I understand that the amount of the Α. 12 payment could end after three years. 13 It's your understanding, under the staff Ο. 14 proposal, that the DMR would end after three years, 15 correct? At the time of my deposition, that was my 16 Α. 17 understanding. Subsequent to that, I read Witness 18 Buckley's testimony, and I understand that there are 19 options to continue in year four and five. 20 Ο. Under the staff proposal, customers could 21 pay \$393 million to the companies over a three-year 22 period, correct? 23 Α. Correct. 24 Ο. And customers would bear an opportunity 25 cost if they were forced to pay the DMR to the

1486 companies, correct? 1 2 Just to clarify, are you saying there Α. 3 would be an opportunity cost because it would increase their cost of their utilities? 4 5 Correct. Customers would suffer --Ο. 6 customers would face opportunity costs because they 7 would be paying more to the companies if the DMR were 8 approved, correct? 9 Α. Correct. 10 And the analysis presented in your Q. 11 testimony does not address any of the opportunity 12 costs of the DMR, correct? 13 Opportunity costs is a concept that's Α. 14 related to cost/benefit analysis; and I did an 15 economic impact analysis. 16 So you would agree with me that your Ο. 17 testimony does not address opportunity costs of the 18 DMR, correct? 19 I address one of the benefits of the DMR. Α. 20 MR. SOULES: Your Honor, move to strike 21 as nonresponsive. 22 EXAMINER ADDISON: Motion granted. 23 Please provide a straightforward answer 24 to Mr. Soules's question or explain why you cannot 25 provide such an answer.

1487 THE WITNESS: Yes, ma'am. 1 2 EXAMINER ADDISON: Thank you. 3 Could we have that last answer read back. 4 Thank you. 5 (Record read.) 6 I did not specifically address Α. 7 opportunity costs in my analysis. Did you indirectly address opportunity 8 Ο. 9 costs in your analysis somehow? 10 Are you including costs and benefits in Α. 11 your definition of "opportunity costs"? 12 Ο. An opportunity cost is a cost, not a benefit, correct? 13 I believe it includes both. 14 Α. 15 And why is that? Ο. 16 Because you are looking at giving up Α. 17 something to get something. The giving up is the 18 cost. The getting is the benefit. 19 And isn't giving up something the Ο. 20 opportunity cost part of that equation? 21 Α. It wouldn't be a cost if there were no 22 alternative benefit. 23 Ο. The analysis presented in your testimony 24 does not address costs of the DMR in any way, 25 correct?

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1	A. Correct.
2	Q. And you have not analyzed either direct,
3	indirect, or induced impacts to customers resulting
4	from their payment of the DMR to the companies,
5	correct?
6	MR. ALEXANDER: Could I have that
7	question reread, please.
8	EXAMINER ADDISON: You may.
9	(Record read.)
10	A. Correct. I have not done an economic
11	impact analysis of their payment to the companies.
12	Q. And the analyses presented in your
13	testimony do not address any costs that might be
14	associated with keeping the FirstEnergy Corp.
15	headquarters in Akron, correct?
16	A. Are you referring to the costs identified
17	in rider DMR?
18	Q. So shifting gears, not asking about DMR,
19	asking about costs associated with keeping the
20	FirstEnergy Corp. headquarters in Akron.
21	A. Okay. Could you clarify an example of
22	what you mean by the cost of keeping the headquarters
23	in Akron, aside from rider DMR?
24	Q. Ms. Murley, your testimony does not
25	provide any opinions about the cost of keeping the

1489 costs, whatever they are, of keeping the headquarters 1 2 in Akron, correct? 3 MR. ALEXANDER: Objection. The witness 4 asked for clarification and now we are simply 5 repeating the question which the witness asked to be 6 clarified. 7 EXAMINER PRICE: I don't understand your 8 question either. If you could help me out. 9 MR. SOULES: I would be happy to, your 10 Honor. Thank you. 11 Actually, strike my question, so thank 12 you. 13 (By Mr. Soules) Ms. Murley, the analyses 0. 14 presented in your testimony does not address 15 opportunity costs at all, correct? 16 I would have to have done a cost/benefit Α. 17 analysis to address opportunity costs, and I did not 18 so, no. 19 Ο. And apart from whatever is presented in 20 your testimony, you did not perform any sort of 21 cost/benefit analysis as part of the work that 22 ultimately went into your rehearing testimony, 23 correct? 24 Α. Correct. 25 You were only asked to look at the Ο.

1490 economic and recommended impact of the FirstEnergy 1 Corp. headquarters, correct? 2 3 Α. Correct. 4 Ο. And prior to filing your written 5 testimony, you did not review the rehearing testimony 6 of either Staff Witness Choueiki or Staff Witness 7 Turkenton, correct? 8 Α. Correct. 9 And you began working on your testimony Q. 10 in early July of 2016, correct? 11 Α. Correct. 12 Ο. And you don't know how many hours you 13 spent preparing the report that's contained in 14 Attachment SM-R-1, correct? 15 I am not able to give an exact estimate Α. 16 of the hours. 17 Q. And you don't have a ballpark sense of 18 how many hours you spent preparing that report, 19 correct? 20 Α. I would be -- I would not be comfortable 21 giving a ballpark estimate at this time. 22 Ο. And you don't know how many hours you 23 spent preparing your written testimony, correct? 24 Α. I am not able to give an exact number at 25 this time.

1491 And you are also not able to give a 1 Ο. 2 ballpark sense of how many hours you spent preparing 3 your written testimony, correct? 4 Α. Correct. 5 MR. SOULES: No further questions. Thank 6 you, your Honor. 7 Thank you, Ms. Murley. 8 EXAMINER ADDISON: Thank you, Mr. Soules. 9 Ms. Walter? 10 MS. GHILONI: I believe we -- I'm sorry, 11 your Honor. We already have -- the intervenors already have an order. Is that okay with you? 12 13 EXAMINER ADDISON: Oh, absolutely. 14 Who is next? Please proceed. 15 MS. PETRUCCI: Thank you. 16 17 CROSS-EXAMINATION 18 By Ms. Petrucci: 19 Good morning, Ms. Murley. Ο. 20 Α. Good morning. 21 You believe that economic development Ο. 22 includes the retention of a company, correct? 23 Α. Correct. 24 And, therefore, you also believe that Ο. 25 economic development includes retaining the

1492 headquarters of a company, correct? 1 2 Α. Correct. 3 Ο. And you believe that maintaining the 4 FirstEnergy Corp.'s headquarters in Akron, Ohio, 5 constitutes economic development, correct? 6 Α. Correct. 7 And you also agree economic development Q. also includes attraction of new companies, correct? 8 9 Α. Correct. 10 And do you also agree with me that Q. 11 economic development includes expansion of existing 12 companies, correct? 13 Α. Correct. 14 Your analysis was specific only to the Q. 15 economic and revenue impacts of the FirstEnergy Corp. 16 headquarters in Akron, Ohio, correct? 17 Α. Correct. 18 You -- you were only asked, for purposes Q. 19 of this rehearing, to conduct an economic and revenue 20 impact analysis of the existing FirstEnergy Corp. 21 headquarters, correct? 22 Α. Correct. 23 Q. And you were not asked, for purposes of 24 this rehearing, to analyze the economic and revenue impacts of any potential development project, 25

1493 1 correct? 2 Α. Correct. 3 Ο. And can you tell me where in the 4 testimony that you've presented today, that's been 5 marked as Company Exhibit 205, you've indicated your 6 opinion that the benefit of the headquarters should 7 be accounted for in rider DMR? I did not use those exact words when I 8 Α. 9 said Staff Witness Buckley failed to address it. I'm 10 implying it should have been addressed in the 11 testimony. 12 MS. PETRUCCI: I have nothing further. 13 Thank you. 14 EXAMINER ADDISON: Thank you. 15 Mr. Michael? 16 MR. MICHAEL: Thank you, your Honor. 17 18 CROSS-EXAMINATION 19 By Mr. Michael: 20 Q. How are you, Ms. Murley? 21 Α. I'm fine, thank you. 22 Good. You don't know if Witness Buckley Ο. 23 considered the benefits of keeping the headquarters 24 in Akron in connection with this testimony, correct? 25 Α. I know that it's not addressed in his

1494 1 testimony. 2 MR. MICHAEL: Move to strike, your Honor. 3 EXAMINER ADDISON: I think she was trying 4 to answer your question. Motion denied. 5 (By Mr. Michael) Okay. So Buckley, in Ο. 6 his testimony, Ms. Murley, the thrust of it is that 7 keeping the headquarters in Akron is a condition for receiving the \$131 million per year for rider DMR 8 9 credit support, right? 10 Α. Correct. 11 So, Ms. Murley, you can't rule out that Ο. 12 Mr. Buckley, in fact, did value the headquarters 13 staying in Akron in an amount not to exceed the rider 14 DMR, correct? 15 MR. ALEXANDER: Could I have that 16 question reread, please your Honor? 17 EXAMINER ADDISON: You may. 18 (Record read.) 19 It's my understanding, from reading the Α. 20 testimony, that amount related to credit support. 21 Ο. Okay. But the condition for keeping the 22 headquarters in Akron is a part of Mr. Buckley's testimony, correct? 23 24 Α. Correct. 25 Okay. So Mr. Buckley in -- suggested, on Q.

1495 staff's behalf, that in return for the \$131 million, 1 2 the utilities, FirstEnergy Corp., has to maintain its 3 headquarters in Akron, correct? 4 Α. Correct. 5 Okay. So you don't know, as a fact, that Ο. 6 Mr. Buckley did not consider the value of the 7 headquarters, staying in Akron, being equivalent to an amount not to exceed \$131 million a year under 8 9 rider DMR, correct? 10 MR. ALEXANDER: Objection, both to form 11 and calls for speculation. 12 MR. MICHAEL: Your Honor, if FirstEnergy 13 wants to speculate that they cannot say whether or 14 not Mr. Buckley considered the value of the 15 headquarters staying in Akron, I would accept that 16 stipulation. 17 EXAMINER ADDISON: Objection sustained. 18 Ms. Murley, if the cost of maintaining Ο. 19 the headquarters in Akron is \$568 million, wouldn't 20 that net out the \$568 million purported economic 21 benefits that you include in your direct -- or your 22 testimony? 23 Α. Are you referring here to rider DMR? 24 Ο. Yes. 25 There are two benefits in rider DMR; the Α.

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1	economic benefits of retaining the headquarters, and
2	the credit support benefits of retaining an
3	investment grade bond grading. So I would not say
4	that it nets out.
5	Q. But you're only testifying about the
6	economic-development portion of the potential rider
7	DMR, correct?
8	A. I am testifying relative to the value of
9	the headquarters which is an economic-development
10	related benefit.
11	Q. Okay. So focusing only on the purported
12	economic benefit of keeping the headquarters in
13	Akron, were the costs of keeping the headquarters in
14	Akron \$568 million, then that would net out the
15	purported \$568 million economic benefit you found in
16	your testimony, correct?
17	MR. ALEXANDER: Objection.
18	EXAMINER ADDISON: Grounds?
19	MR. ALEXANDER: The witness testified
20	there are actually two benefits, so the analysis
21	didn't work, and he has instructed the witness to
22	ignore one of those two benefits. I think that's an
23	improper question.
24	MR. MICHAEL: I am only doing that
25	because the witness, as she admitted, is only

1497 testifying to the purported economic benefits. 1 She 2 is not testifying to the credit amount. 3 EXAMINER ADDISON: Thank you. 4 With that, with her earlier explanation 5 already on the record, I believe Mr. Michael was 6 phrasing his question as somewhat of a hypothetical. 7 Is that correct, Mr. Michael? 8 MR. MICHAEL: It depends, if that means 9 you are going to require her to answer. 10 MR. ALEXANDER: Well, your Honor, I quess 11 if we can get a little more clarity as to the 12 hypothetical, because I don't understand it. Τs Mr. Michael asking the witness to assume there are no 13 14 credit support benefits? EXAMINER ADDISON: Thank you, 15 16 Mr. Alexander. 17 Please rephrase your question to make the 18 question as clear as possible. 19 MR. MICHAEL: Thank you, your Honor. 20 (By Mr. Michael) Ms. Murley, you are not Q. 21 offering an opinion of any purported benefit of the 22 credit support, right? 23 Α. I am acknowledging that there are 24 benefits of credit support. I am not offering an opinion about how DMR is calculated relative to 25

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credit support. 1 2 Okay. Your testimony is focused on, A, Ο. 3 the purported economic benefits of the headquarters 4 in Akron; and, B, that they should be included in rider DMR, correct? 5 6 Α. Yes. 7 Okay. So setting aside the purported Ο. 8 benefits of the credit support which you're not 9 testifying to, isn't it true that if the cost of 10 keeping the headquarters in Akron is \$568 million, 11 then that would net out the \$568 million in purported 12 economic benefits that you are testifying to? 13 MR. ALEXANDER: Just to be clear, your 14 Honor is instructing the witness to accept this 15 hypothetical? 16 EXAMINER ADDISON: Accept the 17 hypothetical. 18 MR. ALEXANDER: Making clear on the 19 record she does not agree with the hypothetical. 20 EXAMINER ADDISION: That's clear on the 21 record. 22 MR. ALEXANDER: Thank you, your Honor. 23 Α. You're asking me to answer a question 24 framed in the context of a cost/benefit analysis. Ι 25 do not believe that the payment of customers is

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1	4	9	9

exactly equivalent in terms of who and how it is --1 2 who it impacts and how it impacts them, to the 3 economic benefits of the company remaining in Akron. 4 Ο. Well, you stated earlier, though, on 5 cross-examination, that you're testifying to the 6 economic impact on the region, correct? 7 Α. My testimony regards the economic benefit 8 on the State of Ohio. 9 Okay. And if charging customers takes Q. \$568 million out of the Ohio region, then each dollar 10 11 would then net out each purported dollar of the 12 \$568 million economic benefit, correct? 13 If you're asking me are those two amounts Α. 14 the same, yes, those two amounts are the same. Ιf 15 you are asking me if the impact to the economy is the 16 same, no. 17 Ο. Okay. Tell me why the impact to the 18 economy isn't the same. 19 Looking at the impact -- I think I've Α. 20 covered what's involved in the economic impact of the 21 company being in Ohio. To look at the economic 22 impact of an increase in utility rates would -- from 23 a cost/benefit perspective, would require me to 24 understand how the utility rates would impact 25 different classes of customers, and what their price

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elasticity is to increases in utility prices, and 1 2 what their propensity is to substitute other fuels 3 for electricity, and how they might respond given the 4 magnitude and expected link of the increase in 5 utility prices, how much of those prices might be 6 passed on from commercial and industrial customers to 7 residential customers, what other ancillary issues might be created in general by higher utility prices 8 9 such as economic-development-related issues relative 10 to attracting other companies to Ohio. The scope of 11 that analysis would be so broad as to not be 12 meaningful specifically to the question at hand. 13 Okay. So you didn't do any of that Ο. 14 analysis, correct, that you just described? 15 Α. Correct. 16 Ms. Murley, since you didn't do a Ο. 17 cost/benefit analysis, you can't rule out that the 18 cost of keeping FirstEnergy's headquarters in Akron 19 may exceed the benefits, correct? 20 Α. When you talk about the "costs," are you 21 referring to rider DMR? 22 Ms. Murley, you have a copy of your Ο. 23 deposition transcript with you, correct? 24 Α. Yes. 25 MR. ALEXANDER: Objection.

1501 EXAMINER ADDISON: Grounds? 1 2 MR. ALEXANDER: She simply asked to 3 clarify what costs he is referring to. We went 4 through this same exact analysis with Mr. Soules, 5 trying to clarify what costs there were with the 6 headquarters. She simply asked for clarification. 7 That's not grounds for impeachment. 8 EXAMINER ADDISON: Please provide some 9 clarification. If we need to resort to her 10 deposition at a later time, we can do so. 11 MR. MICHAEL: Okav. The clarification is 12 the costs associated with rider DMR. 13 MR. ALEXANDER: Could I have the question 14 reread after that clarification, your Honor? 15 EXAMINER ADDISON: Absolutely. 16 (Record read.) 17 Α. Are you asking me to stipulate whether 18 the \$131 million a year in rider DMR is greater or 19 lesser than the economic impact of the headquarters? 20 Ο. No, Ms. Murley. Staff has recommended 21 the \$131 million in credit support, right? 22 Α. Correct. 23 Ο. You're recommending that the purported economic benefits of keeping the headquarters in 24 25 Akron should be in rider DMR, correct?

1502 Yes; although, I am not offering an 1 Α. 2 opinion as to exactly how that should be calculated. 3 Ο. Okay. So I want you, for purposes of my 4 question, to include, in rider DMR, the credit 5 support and an amount regarding the purported 6 economic benefits, okay? 7 Α. Are you stipulating what that amount should be? 8 9 Ο. I am not. 10 Α. Okay. 11 I think it should be zero. Would you Ο. 12 agree to stipulating to that? 13 Α. No. 14 Okay. So for -- with that clarification, Ο. 15 I will reread my question. Since you don't know --16 you didn't do a cost/benefit analysis, you can't rule out that the cost of keeping FE's headquarters in 17 18 Akron may exceed its benefits, correct? 19 I am unable to answer that because I Α. 20 didn't do that analysis. 21 Okay. And the question I asked you was Ο. 22 you can't rule out, because you didn't do the 23 cost/benefit analysis. 24 MR. ALEXANDER: Objection, asked and 25 answered.

1503 EXAMINER ADDISON: Sustained. 1 2 Ms. Murley, you don't know if Shared Ο. Service employees in Akron provide service to 3 4 operating companies outside of Ohio, correct? Correct. I do know there are Shared 5 Α. 6 Service employees in other states. 7 MR. MICHAEL: Move to strike everything 8 after "Correct," your Honor. 9 MR. ALEXANDER: Your Honor, the question 10 asked whether they provide services in other states, 11 and the witness was clarifying she knows they exist 12 in other states, but does not know whether the 13 headquarters provide service. It's directly 14 responsive. 15 EXAMINER ADDISON: Motion to strike will 16 be denied. 17 Ο. (By Mr. Michael) Ms. Murley, you don't 18 know if some of the value created by the Shared 19 Service employees in Akron is created by them 20 providing services to operating companies outside of 21 Ohio, right? 22 Α. No. And it doesn't matter for my 23 economic impact analysis. 24 Well, you're including in your economic Ο. 25 impact analysis the value of the services that those

1504 Shared Services employees provide to the companies, 1 2 correct? 3 Α. I am, because economic impact analysis is 4 based on where those employees are located, not where 5 their customers are located. Okay. So if the Shared Service employees 6 Ο. 7 are providing shared services to a FirstEnergy entity in Pennsylvania, you are including that in your 8 9 economic impact analysis, correct? 10 If those services are provided by Shared Α. 11 Service employees working in Ohio, I am including the 12 value of the services they provide in my analysis. 13 Okay. And by recommending that some of Ο. 14 the value of the headquarters being in Akron should 15 be included in rider DMR, you're necessarily 16 recommending that customers in Ohio should pay for 17 shared services that are being provided to 18 FirstEnergy entities in other states, correct? 19 MR. ALEXANDER: Objection. 20 EXAMINER ADDISON: Grounds? 21 MR. ALEXANDER: We have now gone to -- we 22 are combining two concepts. The first concept is the 23 way in which Shared Services employees are 24 compensated. They are compensated based on operating 25 entities and they allocate their time and all that

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1 good stuff.

2	The question Ms. Murley is testifying to
3	is the economic impact. Those are separate issues.
4	Economic impact has to do with where those employees
5	work, which could be Pennsylvania, Ohio, any other
6	state, right? And so we have now improperly combined
7	two concepts into one question.
8	MR. MICHAEL: But importantly, your
9	Honor, she is also testifying that value should be
10	included in rider DMR which is going to be paid by
11	Ohioans, and I think the Commission should know
12	whether or not the utilities are asking Ohioans, Ohio
13	Consumers, to pay for services provided to entities
14	in other states.
15	EXAMINER ADDISON: Perhaps you could try
16	rephrasing your question.
17	MR. MICHAEL: Could I have the question
18	read back?
19	EXAMINER ADDISON: Your previous
20	question?
21	MR. MICHAEL: Yes, ma'am.
22	EXAMINER ADDISON: Please.
23	(Record read.)
24	Q. (By Mr. Michael) Okay. Ms. Murley, are
25	you recommending to the Commission that they include

1506 in rider DMR the value of Shared Services employees 1 2 even if they are providing services to utilities in other states? 3 4 Α. I don't know if they are providing 5 services to other states, but the way that economic impacts are calculated, it accounts for where the 6 7 services will created, not where the customers were. 8 EXAMINER PRICE: Let me try to -- so I 9 have this correct in my head. If a Shared Services 10 employee, located in Akron, performs services on 11 behalf of a Pennsylvania utility, where does the 12 economic value accrue? Ohio or Pennsylvania? 13 THE WITNESS: Ohio. 14 EXAMINER PRICE: And you're saying 15 Pennsylvania accrues no value whatsoever for them 16 performing that duty? 17 THE WITNESS: If the entire service was 18 performed in Ohio, then that would be correct. 19 (By Mr. Michael) Ms. Murley, you don't Ο. 20 know if the utilities recover the cost of Shared 21 Services through their base rates, correct? 22 Α. I'm not familiar with exactly how the base rates reflect the cost of Shared Services. 23 24 Ο. And you don't even know if they do 25 reflect the cost of Shared Services, correct?

1507 I believe we discussed that the day 1 Α. 2 before yesterday. 3 Indeed we did. Ο. 4 EXAMINER PRICE: Please don't reference 5 your deposition. If you could just answer the 6 question. 7 MR. ALEXANDER: Could I have the question 8 reread, your Honor? 9 EXAMINER ADDISON: You may. 10 MR. MICHAEL: Your Honor, if I might, I 11 think it would be necessary to read the previous two, 12 for full context, if that's all right. 13 (Record read.) 14 I am not familiar with the details of the Α. base rates. 15 16 MR. MICHAEL: Your Honor, I would move to strike that. That's a "yes" or "no" question. Your 17 18 Honor has given instructions to this witness, 19 previously, to provide an answer in response to the 20 question that Counsel has asked. So I would request, 21 your Honor, that your Honor strike that response and 22 direct the witness to answer the question that I have 23 asked. 24 EXAMINER ADDISON: I'll deny the motion 25 to strike, but I will instruct the witness to answer

1508 "yes" or "no." 1 2 MR. MICHAEL: Thank you, your Honor. 3 THE WITNESS: Could you repeat the 4 question? 5 EXAMINER ADDISON: Could we have the last 6 question read back. Thank you. 7 (Record read.) 8 Α. Correct. 9 Q. Thank you. 10 MR. MICHAEL: Your Honor, at this point, 11 if I can, I would like to move the Bench to take 12 administrative notice of the Application and the 13 Staff Report in FirstEnergy's last base rate case; 14 that is Case No. 07-0551-EL-AIR. Those documents 15 were obviously filed in Commission dockets. They are 16 public record. They are not subject to dispute. And 17 therefore, I would ask that the Bench takes 18 administrative notice of those documents. 19 EXAMINER ADDISON: Any objections? 20 MR. ALEXANDER: Yes, your Honor. Two, in 21 fact. One, there needs to be a point to administrative notice, and I understand this is a 22 23 different standard than admissibility, but there does 24 need to be a point. 25 Two, I think there are significant issues

1509 with taking administrative notice of an application 1 2 and a staff report. I disagree with Mr. Michael's 3 contention those are beyond dispute. I can think of 4 many proceedings, including this one, where people 5 have disagreed with things in applications and things 6 in staff reports. 7 So, yes, I do disagree with administrative notice of both of those things. 8 9 MR. MICHAEL: And, your Honor, I would 10 simply point out on the latter point that in 11 connection with this particular subject matter, we 12 would also be in a position to cite and discuss the 13 Opinion and Order in that case just as a legal 14 matter. It's an Opinion and Order of the Commission, 15 but in order to have the foundation, we would like 16 the application and the staff report. And the point is, your Honor, this 17 18 witness just testified that she doesn't know whether 19 or not the -- the cost of the Shared Services 20 employees are recovered in base rates. Mr. Alexander 21 knows and everybody else know that, in fact, they 22 are. The companies make -- the Shared Service 23 company makes an allocation, charges it to the 24 distribution utilities, and then the distribution

25 utilities recover that through their rates.

1510 1 EXAMINER ADDISON: Care to respond, 2 Mr. Alexander? 3 MR. ALEXANDER: Just very briefly, your 4 Honor. 5 Obviously, no objection to the Commission 6 It happens all the time; no problem there. order. 7 But with regard to these two things. The witness has testified that where the Shared Service 8 9 employee is located does not matter. And this can be 10 seen, by your Honors, again, with regard to 11 Pennsylvania. If that employee moves to Harrisburg, 12 Harrisburg gets the economic impact of that employee 13 regardless of who pays that Shared Service employee's 14 salary. So since the witness has already testified 15 this just doesn't matter, I see no point to take 16 administrative notice of these two. 17 MR. MICHAEL: I appreciate Mr. Alexander 18 trying to preempt what the issue I would be 19 discussing is. The issue isn't paying outside. The 20 issue is I think the Commission could -- should 21 consider whether or not including the purported 22 economic benefits would require FE's customers to pay 23 twice for the same service. 24 EXAMINER PRICE: I don't understand the 25 relevance of the point you are making.

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1	MR. MICHAEL: Because, your Honor, the
2	way that Ms. Murley calculated the purported economic
3	benefits was based on the value of the services that
4	the Shared Service employees provide to the company.
5	My point is, is that customers are
6	already paying for that value through base rates. So
7	to the degree that Ms. Murley is advocating including
8	the economic benefits in rider DMR, I think
9	intervenors should be in a position, and that the
10	Commission should consider the extent to which that
11	would cause customers to pay twice for the value of
12	those services.
13	EXAMINER PRICE: But you can't testify to
14	what the factual statements you are making, you
15	can't testify to, so I don't understand the relevance
16	to cross-examining her about this.
17	MR. MICHAEL: Well, first off, that's why
18	I wanted your Honors to take administrative notice of
19	the Application, the Staff Report, and the Opinion
20	and Order. And the questioning to Ms. Murley is to
21	confirm that she doesn't know whether or not they are
22	recovered in base rates.
23	And through the Application, Staff
24	Report, and Opinion and Order, intervenors will be
25	able to show that, in fact, those costs are recovered

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1	through base rates, and that would present the
2	Commission with the opportunity to decide whether or
3	not customers should pay twice for the same services.
4	EXAMINER ADDISON: We are going to defer
5	on ruling on taking administrative notice of the
6	Application and Staff Report in Case No.
7	07-0551-EL-AIR. Mr. Michael, you can proceed. We'll
8	see where this goes and we can revisit these
9	arguments.
10	MR. MICHAEL: Okay. Thank you, your
11	Honor.
12	Q. (By Mr. Michael) Ms. Murley, because you
13	are not familiar with the recovery, through rates, of
14	Shared Services costs, you can't rule out that your
15	recommendation would require customers to pay twice
16	for the same Shared Services, once through base rates
17	and once through rider DMR, correct?
18	A. I don't believe I can answer that because
19	I'm just not familiar enough with what you are
20	asking.
21	Q. (By Mr. Michael) Your Honor, at this
22	point in time, given that question, would it be
23	appropriate for me to reask that the Bench takes
24	administrative notice of the filings I asked earlier?
25	Or you want to continue deferring on that?

1513 EXAMINER PRICE: Why would we revisit it 1 2 now? 3 MR. MICHAEL: Because she just admitted 4 she can't say whether or not her proposal would 5 require customers to pay twice. 6 EXAMINER PRICE: She said she couldn't 7 answer your question. 8 MR. MICHAEL: Because she didn't know 9 enough. 10 EXAMINER PRICE: Why don't you try a 11 follow-up on your question. 12 MR. MICHAEL: Okay. Thank you. 13 EXAMINER PRICE: I didn't understand your 14 question either, so I am very sympathetic with the 15 witness. 16 MR. MICHAEL: Can you reread the 17 question, please? 18 EXAMINER PRICE: Rereading it is not 19 going to help. 20 MR. MICHAEL: It will help my memory. It 21 will help my memory about what the follow-up would 22 be, your Honor. 23 EXAMINER PRICE: Okay. 24 MR. MICHAEL: Apparently the witness 25 could understand it because she answered it.

1514 (Record read.) 1 2 MR. MICHAEL: Thank you. 3 Ο. (By Mr. Michael) Ms. Murley, if you would 4 please turn to SM-R-1 at page 2. Α. 5 Yes. 6 And I want to direct your attention Ο. 7 specifically to the last paragraph and the sentence 8 that reads "Locally headquartered companies are more 9 likely to purchase from local vendors." Do you see 10 that? 11 Α. Yes. You didn't do anything to test that 12 Ο. 13 assertion specific to FirstEnergy's headquarters, 14 correct? 15 Not specific to FirstEnergy's Α. 16 headquarters. I have done research on this topic. 17 Ο. Okay. Thank you. 18 Ms. Murley, you have never analyzed 19 whether or not there is a variance between IMPLAN's 20 assumptions and actual results, correct? 21 Α. No, because it would be impossible. 22 MR. MICHAEL: Your Honor, I move to 23 strike everything after "no." Mr. Alexander can do 24 that on redirect if he chooses to. 25 EXAMINER ADDISON: Mr. Alexander?

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1	MR. ALEXANDER: Your Honor, this question
2	was actually already addressed by Mr. Soules. The
3	witness is being forced to answer a question which
4	doesn't make sense and she is trying to explain the
5	question doesn't make sense. I don't understand why
6	we have reasked the same question and been surprised
7	when the witness gave the exact same answer. So
8	Mr. Michael chose to retrod this ground, he is
9	subject to the witness actually answering this
10	question.
11	EXAMINER ADDISON: Thank you.
12	Motion to strike will be denied.
13	MR. MICHAEL: Thank you, your Honor.
14	Q. (By Mr. Michael) And sticking with your
15	page 2 of SM-R-1, you've never analyzed whether or
16	not there is a variance between the assumptions
17	associated with the supply chain spending and IMPLAN
18	and actual outcomes, right?
19	A. No, because it would not be possible.
20	Q. Okay. And you have never analyzed the
21	degree to which the estimated economic impacts with
22	IMPLAN varies with actual results, right?
23	A. Are you talking about the total direct,
24	indirect, and induced impacts?
25	Q. Yes.

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A. No.
Q. FirstEnergy is your only utility client
in Ohio, right?
A. Correct.
Q. Okay. Let me back up. I think I need a
clarification, Ms. Murley. In connection with my
previous question, you answered "no." Does that mean
you have analyzed the degree to which the estimated
economic impacts based on IMPLAN varies with actual
results?
MR. ALEXANDER: Could I have that reread,
please?
EXAMINER ADDISON: You may.
(Record read.)
A. No.
Q. Okay. I don't want to beat this horse,
Ms. Murley. I am going to ask the question because I
don't understand your answer yet. I am not convinced
that the record is clear. You have never analyzed
whether or not the estimated economic impacts based
on IMPLAN varies with actual results, right?
A. No, because it would not be possible.
Q. You've constructed impact models that
FirstEnergy can use in Ohio and all of their other
states, right?

1517 Yes, for economic development purposes. 1 Α. 2 And you've updated those models at least Ο. 3 once, dating back to the more than 10 years when you 4 created the first model, right? 5 MR. ALEXANDER: Objection, compound. EXAMINER ADDISON: Please try rephrasing 6 7 the question, Mr. Michael. 8 MR. MICHAEL: Sure. Thank you. 9 Ms. Murley, you have updated those models Q. 10 periodically that you created for FirstEnergy, 11 correct? 12 Α. Yes, just to clarify, there is different models for each state and all of them have been 13 14 updated once; some of them have been updated multiple 15 times. 16 And the first model you created for them Ο. 17 was dating back to about 10 years, right? 18 Approximately, yes. Α. 19 Additionally, you have done reports for Ο. 20 FirstEnergy Services company where you created your 21 own model and wrote a report based on your results, 22 correct? 23 Α. Yes. 24 And in connection with providing those Ο. 25 services, FirstEnergy asks you to prepare the cost

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1	estimate and you provide that cost estimate to them,
2	correct?
3	MR. ALEXANDER: Objection, relevance. We
4	are not talking about models. It is well beyond this
5	proceeding.
6	EXAMINER ADDISON: Mr. Michael.
7	MR. MICHAEL: I think it goes to the bias
8	of the witness, your Honor, all the work she has done
9	for FirstEnergy and that it's limited to FirstEnergy
10	in Ohio.
11	EXAMINER ADDISON: Mr. Alexander.
12	MR. ALEXANDER: The witness testified, at
13	the beginning of her testimony, she testifies
14	nationally. Mr. Michael is very careful to phrase
15	his first question "your only utility client in
16	Ohio." So the very nature of the question limited it
17	to a section of just utilities just in Ohio. I think
18	relevance is a real issue here.
19	EXAMINER ADDISON: I'll provide a little
20	leeway.
21	MR. MICHAEL: Thank you, your Honor.
22	EXAMINER ADDISON: You may answer the
23	question.
24	THE WITNESS: Could you repeat the
25	question?

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1519 MR. MICHAEL: Could you repeat the 1 2 question, please? Thank you. 3 EXAMINER ADDISON: Yes. 4 (Record read.) 5 So to clarify, when we talk about "those Α. 6 services," we're talking about when I would prepare a 7 report on some topic related usually to an economic impact analysis for FirstEnergy Service Company? 8 9 Q. Correct. 10 As with all my clients, they ask me for Α. 11 something, I prepare a cost estimate in the form of a 12 proposal letter, I submit it, and then they decide 13 whether they want to proceed. 14 Okay. You don't respond to a public RFP Ο. 15 in connection with the services you provide to 16 FirstEnergy Services, correct? 17 Α. No. Those are more typical in the public 18 sector. 19 Ο. Okav. Thank you. 20 Ms. Murley, the analysis you did in 21 connection with the headquarters is based on 22 hypothetical assumptions, current tax policies, and a 23 current economic structure of the region, right? 24 Is there a reference in the document? Α. 25 MR. MICHAEL: Your Honor, I am going to

1520 refer the witness -- the answer is -- I am going to 1 2 refer you to your deposition testimony on page 91. 3 Please let know me know when you have an opportunity 4 to get there. 5 EXAMINER ADDISON: Mr. Michael, I think 6 she was again just asking for clarification. If you 7 have a specific reference in her testimony, please 8 point it out. If not --9 MR. MICHAEL: It's not. 10 EXAMINER ADDISON: -- just tell her. 11 MR. MICHAEL: It's not in the rebuttal 12 rehearing testimony. 13 THE WITNESS: Could you repeat the 14 question? 15 EXAMINER ADDISON: Could we have that 16 last question read back, please. 17 (Record read.) 18 Yes, defining "hypothetical assumptions" Α. 19 as the IMPLAN assumptions. 20 Ο. And those assumptions, Ms. Murley, 21 include spending patterns, correct? 22 Α. Yes. 23 Q. And they -- the assumptions include the 24 types of goods and services that are required by 25 industries in the electric generation sector,

1521 1 correct? 2 In this case we are looking at industries Α. 3 in the headquarters sector. 4 Ο. May I direct your attention to page 91 of 5 your deposition testimony, Ms. Murley. 6 Α. Yes. 7 Ο. And I am going to direct your attention 8 to lines 13 through 17. "Question: And those 9 assumptions are assumptions about the types of goods 10 and services that are required by industries in the 11 electric generation sector, correct?" 12 "Answer: Among other things, yes." 13 Did I read that correctly? 14 Α. Yes, you read that correctly. 15 Ο. Thank you. 16 And the assumptions in connection with 17 your analysis include the share of the just-mentioned 18 purchases that can be made locally, correct? 19 Yes. In this case, "locally" being Α. 20 defined as in Ohio. 21 Ο. And the assumptions include what 22 particular goods and services that the headquarters buys, correct? 23 24 Α. Correct. 25 And the assumptions include the amount of Q.

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1	output per employee, correct?
2	A. Correct.
3	Q. And the assumptions include the amount of
4	personal income per employee, correct?
5	A. For indirect and induced employees,
6	correct.
7	Q. And the assumptions include different
8	industries that are included in the vendor
9	industries, correct?
10	A. Correct.
11	Q. And the assumptions include different
12	industries from which employees make purchases,
13	correct?
14	A. Correct.
15	Q. In fact, IMPLAN is a very complex model,
16	correct?
17	A. Correct.
18	Q. And you cannot comprehensively state all
19	of the assumptions that are inherent in the IMPLAN
20	multipliers, correct?
21	A. Correct.
22	Q. You don't even know how many assumptions
23	are in the IMPLAN model, correct?
24	A. I do not have a count, that is correct.
25	Q. And it's true, Ms. Murley, that even if

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1523 the assumptions outlined in your headquarters' report 1 2 were to occur, there will usually be differences between the estimates and the actual results, because 3 4 events and circumstances frequently do not occur as 5 expected, correct? 6 Α. Correct. 7 The multipliers for headquarters that you Ο. 8 used are for headquarters irrespective of the 9 industry at issue, correct? 10 Yes, that's how a headquarters are Α. 11 defined in the IMPLAN. 12 Ο. Ms. Murley, are you aware that 13 FirstEnergy is wanting to collect from Ohio consumers 14 all or a portion of the total economic impact that 15 you describe in your report through rider DMR? 16 Α. I'm not familiar as to how exactly it is 17 being proposed that the economic impact be 18 incorporated in rider DMR. 19 Ο. Okay. But, so you are aware that 20 FirstEnergy is asking to recover some or all of the 21 purported economic benefits through rider DMR? 22 Α. I'm aware that they are asking the 23 economic benefits of the headquarters be included in 24 rider DMR. 25 Okay. Was that your understanding at the Ο.

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1	time you did your report?
2	A. Yes.
3	Q. Ms. Murley, if I could turn your
4	attention to your direct testimony at page 3, lines
5	15 through 16.
6	A. Yes.
7	Q. In your analysis did you do anything to
8	segregate the inputs of that are listed in that
9	line?
10	A. Are you referring to the sentence that
11	starts with "These inputs include total payroll"?
12	Q. Yes, ma'am.
13	MR. ALEXANDER: Objection as to
14	"segregates," I believe is the word he used.
15	MR. MICHAEL: It was indeed.
16	MR. ALEXANDER: Vague.
17	Q. So you are describing there, Ms. Murley,
18	several data inputs that you were that you used to
19	calculate the headquarters' economic benefit,
20	correct?
21	A. Yes.
22	Q. One of those was total payroll, correct?
23	A. Yes.
24	Q. One of those was number of employees,
25	correct?

Γ

1525 1 Α. Yes. 2 And one of those was charitable and Ο. 3 philanthropic spending, correct? 4 Α. Those are all inputs to my analysis. 5 Okay. And my question is in your Ο. 6 analysis were you able to tell how much of the 7 purported economic impact was due to total payroll alone? 8 9 Well, that would be the result listed as Α. 10 personal income. 11 Okay. Were you able to, in your Ο. 12 analysis, determine the amount of the purported 13 economic impact based on number of employees alone? 14 I'm not sure I really understand your Α. 15 question. 16 Okay. Well, you give an opinion about Ο. 17 the total economic impact of the headquarters in 18 being in Akron, correct? 19 Α. Yes. 20 Ο. And what I want to know is whether or not 21 you can isolate the amount of that impact due to 22 charitable and philanthropic spending. 23 MR. ALEXANDER: Objection, your Honor. Ι 24 think we have got some confusion in terms. When we are referring to "economic impact," are you referring 25

1526 to the \$568 million number? 1 2 MR. MICHAEL: I am referring to what she 3 says in her testimony. 4 MR. ALEXANDER: Well, therein lies the 5 issue with the objection, your Honor. The testimony 6 addresses more than just the \$568 million number. 7 There are some inputs which go to just the 8 568 million and some which goes to the entirety of 9 the testimony. I think the question is unclear as to 10 what she is being asked about right now. 11 MR. MICHAEL: If I could follow-up, your 12 Honor? 13 EXAMINER ADDISON: Absolutely. 14 (By Mr. Michael) So, Ms. Murley, when you Q. 15 are referencing charitable and philanthropic spending 16 on page 3, did those inputs go to the \$568 million 17 purported economic impact? 18 No, they were not part of the calculation Α. 19 of the \$568 million. 20 MR. MICHAEL: Okay. Thank you. 21 May I have just a quick minute, your 22 Honor? 23 EXAMINER ADDISON: You may. 24 MR. MICHAEL: Thank you. 25 EXAMINER ADDISON: Let's go off the

1527 record. 1 2 (Discussion off the record.) 3 EXAMINER ADDISON: Let's go back on the 4 record. Mr. Michael. 5 6 MR. MICHAEL: Thank you. 7 (By Mr. Michael) Last line of Q. 8 questioning, Ms. Murley. I appreciate your time. 9 Thank you. 10 When you talk approximate total payroll, 11 does that include -- that includes salary, correct? 12 Α. Yes. 13 And that includes benefits, correct? Ο. 14 It's just payroll. Α. No. 15 Okay. Does that -- that includes Ο. 16 overhead of the employees? 17 Α. I'm not sure I understand your question. 18 So let me ask it this way, does total Q. 19 payroll only include the salary paid to FirstEnergy 20 Shared Services employees? 21 The number I was given was gross payroll. Α. 22 Ο. And I'm a lawyer, I am not an economist, 23 so that's why I need to ask you this question. Is 24 gross payroll limited to the dollar salary received 25 by these employees or does it include other forms of

1528 compensation? 1 2 It includes withholding, which they don't Α. 3 directly receive. 4 Q. Okay. Does it include the benefits that 5 that employee receives? 6 Α. No. 7 Q. Okay. And does it include any allocation for overhead due to that employee working there? 8 9 Α. No, that would be separate from what they 10 receive in their paycheck. 11 MR. MICHAEL: Okay. Thank you, 12 Ms. Murley. 13 Thank you, your Honor. I have no further 14 questions. 15 EXAMINER ADDISON: Thank you. 16 At this time, we'll take a brief 5-minute 17 break. Come back at around 11:40. Let's go off the 18 record. 19 (Recess taken.) 20 EXAMINER ADDISON: Let's go ahead and go back on the record. 21 22 Ms. Walter. 23 MS. GHILONI: Thank you, your Honor. 24 25

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1	CROSS-EXAMINATION
2	By Ms. Ghiloni:
3	Q. Good morning, Ms. Murley.
4	A. Good morning.
5	Q. I just want to clarify, first, something
6	you just discussed with Mr. Michael on page 3 of your
7	testimony. Again, that sentence beginning on line 15
8	and going to line 16, you state "These inputs include
9	total payroll, number of employees, charitable and
10	philanthropic spending." So you testified that the
11	charitable and philanthropic spending are not part of
12	the 568 million, correct?
13	A. Correct.
14	Q. But you list it as an input in this
15	sentence; is that correct?
16	A. That information is included in my
17	testimony.
18	Q. If it's an input, how is it not part of
19	the 568 output? 568 million-dollar output? That you
20	testified to?
21	A. When I use the word "input," just to
22	clarify, I'm not limiting it to numbers that I use to
23	calculate the results in Figure 1 of my testimony. I
24	am including all of the information that I presented
25	in my testimony.

1530 So does the 5 -- the 568 million-dollar 1 Ο. 2 output, you're saying it's considered, but it's 3 not -- but it's not an actual input into that number. 4 Α. Charitable and philanthropic spending is presented in my testimony. It's not used in that 5 6 particular calculation of the \$568 million total 7 output. 8 Ο. Okay. Thank you. 9 Okay. Moving on to a different topic. 10 Ms. Murley, are you aware of the companies' third 11 supplemental stipulation filed on December 1, 2015? 12 Α. I am aware of its existence. 13 Are you aware that that stipulation Ο. 14 includes a commitment by FirstEnergy Corp. to 15 maintain its corporate headquarters and nexus of 16 operations in Akron, Ohio, for the duration of rider 17 RRS? 18 Α. Yes. 19 And this information was not included in Ο. 20 your economic impact analysis, correct? 21 Α. Correct. I am addressing rider DMR. 22 Ο. Are you aware that the Public Utilities 23 Commission of Ohio issued an Order and Opinion in 24 this case, approving the provisions in the 25 stipulation that requires FirstEnergy Corp. to

1531 maintain its headquarters and nexus of operations in 1 2 Akron? 3 Α. To clarify, are you saying am I aware if 4 rider RRS is in effect? 5 I am saying are you aware that the Ο. 6 Commission issued an opinion adopting that provision 7 that FirstEnergy Corp. maintain its corporate 8 headquarters and nexus of operations in Akron, Ohio? 9 I'm not specifically familiar with that Α. 10 opinion. 11 Okay. Are you aware that on May 21, Ο. 12 2015, FirstEnergy announced it signed an 8-1/2 year 13 lease-extension agreement to keep its headquarters 14 until 20 -- or until 2025 in Akron, Ohio? 15 MR. ALEXANDER: Objection, assumes facts. 16 No foundation for that assumption. 17 EXAMINER ADDISON: Ms. Walter. 18 MS. GHILONI: Your Honor, this actually 19 does not assume any facts. This was actually 20 included in direct testimony that's already been 21 filed and admitted in this case. It was the direct 22 testimony of Dean Ellis filed on December 30, 2015. 23 EXAMINER ADDISON: Mr. Alexander? 24 MR. ALEXANDER: But there's -- okay. 25 EXAMINER ADDISON: Thank you. You can

1532 1 answer the question. 2 MR. ALEXANDER: I withdraw my objection, 3 your Honor. 4 EXAMINER ADDISON: Thank you. 5 THE WITNESS: Could you repeat the 6 question? 7 MS. GHILONI: Yes. Karen can you repeat, 8 please? 9 (Record read.) I am not familiar with that. 10 Α. 11 And if you are not familiar with it, it Ο. 12 was not included in your analysis, correct? 13 My analysis was looking at the new Α. No. 14 stipulation in rider DMR about the headquarters' 15 location. 16 If you could please turn to page 6 of Ο. 17 your testimony. 18 Α. Yes. 19 Ο. Line 4. You state there "The HQ provides 20 high paying jobs with benefits to thousands of 21 workers, supports the local and state economies with 22 millions of dollars in vendor purchases...and 23 benefits local governments and school systems through 24 tax payments." Do you see that sentence? 25 Yes, I see that. Α.

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1	Q. Okay. Isn't it true that when you use
2	the phrase "high paying jobs" in this sentence, you
3	were referring to the jobs at the headquarters as
4	high-paying because the average wage is significantly
5	above the average wage for Ohio?
6	A. Yes.
7	Q. And to arrive at that average wage, you
8	took the total payroll of FE Corp. and divided it by
9	the number of employees, correct?
10	MR. ALEXANDER: Objection. I think the
11	question is a little bit vague. "Average wage" had
12	two different definitions in the preceding sentence.
13	One was the average for Ohio, one was the average for
14	FE Corp., and this question doesn't specify which she
15	is asking for.
16	EXAMINER ADDISON: Thank you.
17	Would you care to clarify, Ms. Walter?
18	MS. GHILONI: Sure.
19	Q. (By Ms. Ghiloni) So to arrive at the
20	average wage for the jobs at the headquarters, you
21	took the total payroll of FE Corp. and divided it by
22	the number of employees, correct?
23	A. Yes.
24	Q. Just those employees residing in Ohio or
25	all employees of FE Corp.?

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1	A. Just the employees and payroll in Ohio.
2	Q. Okay. And did your average wage
3	calculation include the salaries of executive
4	leadership team members?
5	A. If they were Shared Services employees in
6	Ohio, yes.
7	Q. Did your average wage calculation compare
8	the salaries of executive leadership team members at
9	it for Shared Services employees in Ohio for
10	FirstEnergy Corp. with other executives at other
11	utility holding companies?
12	A. I didn't look at salaries for individual
13	employees within Shared Services in Ohio.
14	Q. You didn't compare those with other
15	regulated utilities?
16	A. No, I did not have information on
17	salaries of individual employees.
18	Q. Can you turn to page 2 of your testimony,
19	please.
20	A. Yes.
21	Q. Line 7 I'm sorry yes, line 7
22	beginning with "Those Shared Service employees." You
23	obtained this information from legal, correct?
24	A. Yes.
25	Q. You have no independent knowledge of this

1535 fact, correct? 1 2 Α. Correct. 3 Ο. And then the final sentence beginning on 4 line 9, page 2, line 9, beginning with "In the event 5 FirstEnergy Corp." you also obtained this information 6 from legal, correct? 7 Α. Since the Shared Service employees are 8 the headquarters' employees, if the headquarters 9 moved, by definition, those employees would move. I 10 was able to reach that conclusion. 11 But the basis for your knowledge is from Ο. 12 legal, correct? The basis for your conclusion, I 13 apologize. 14 In that the headquarters' employees are Α. 15 Shared Services employees, yes. 16 You have no independent knowledge of this Ο. 17 consequence, correct? 18 MR. ALEXANDER: Objection, asked and 19 answered, and I don't know what "this consequence" 20 means. 21 EXAMINER ADDISON: Sustained. 22 Ο. (By Ms. Ghiloni) So you are assuming if 23 FirstEnergy Corp. moves its headquarters from Akron, 24 Ohio all of the Shared Service employees will 25 relocate out of the State of Ohio, correct?

1536 All of the Shared Service employees 1 Α. 2 currently working in Ohio, yes. 3 Ο. You are assuming that none of the 4 employees will decide to keep their families where 5 they currently reside and find alternate employments? 6 I apologize. I misunderstood your Α. 7 question. If you are asking whether I assumed that 8 employees maybe took jobs with other companies as 9 opposed to relocate to go wherever their headquarters 10 moved to, it is not standard practice to look at 11 where employees would be rehired by other companies 12 when looking at the impacts of moving or closing a 13 facility. 14 MS. GHILONI: Can I have that answer reread, please. 15 16 EXAMINER ADDISON: You may. 17 (Record read.) 18 MS. GHILONI: Your Honor, I move to 19 strike as nonresponsive, because I asked if she 20 assumed that none of the employees would decide to 21 keep their families where they currently reside and 22 find alternate employment, and she responded with 23 standard practice. I'm asking what her assumption 24 was in this analysis. 25 EXAMINER ADDISON: I think she was

1537 providing clarification from her earlier answer, so 1 2 perhaps maybe you could just follow-up to the answer 3 she has provided. 4 MS. GHILONI: Certainly. 5 (By Ms. Ghiloni) So in this statement, Ο. 6 beginning on line 9, you state "In the event 7 FirstEnergy Corp. moves its headquarters 8 the...employees would be relocated," correct? The 9 Shared Services employees would be relocated, 10 correct? 11 Yes, that's what it says. Α. 12 Ο. So by making that statement, you are 13 assuming that none of the employees will decide to 14 keep their families where they currently reside. 15 I need to clarify that their jobs would Α. 16 move to the -- a different location. Whether that 17 individual person stayed in that job or whether they 18 chose to stay in Ohio, to me, are two different 19 questions. Perhaps I could ask for clarification. 20 Ο. Thank you. That clarifies. I understand 21 where you were going now. 22 Your analysis assumes that FirstEnergy 23 Corp. retains current ownership of the company and 24 that there's no change in ownership; is that correct? 25 Yes. I did not look at a change in Α.

1538 1 ownership. 2 Okay. And can you turn to Attachment A Ο. 3 of your testimony, please. 4 Α. Yes. 5 The table at the top of Attachment A. Ο. 6 You indicate there, the amount of -- the amount of 7 current 2015 regular employees, correct? 8 Α. Yes. 9 Do you know the amount of current Q. 10 employees at FE Corp.? 11 As we sit here today, no. But I did Α. 12 inquire, when I was working on the analysis, if this number was similar to the current number of 13 14 employees, and I was told that, yes, it is. 15 Are you aware of whether FirstEnergy Ο. 16 Corp. has taken any staffing reductions since that 17 time? 18 I would assume, no, since I was told that Α. 19 this is similar to the number of current employees. 20 Ο. Assume that if staffing reductions were 21 taken, and the total number of employees was reduced, 22 then the total economic impact would also be reduced; is that correct? 23 24 Could I clarify that if the number of Α. staff were reduced, that also the gross payroll would 25

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1539 be reduced? 1 2 Ο. Yes. 3 Α. Under that assumption, yes, the economic 4 impact would be reduced. 5 Q. Thank you. 6 The first bullet point on Attachment A, 7 have you done an analysis of the impact of staff's proposal on the six other Fortune 500 companies in 8 9 northeast Ohio? 10 Α. No. 11 Have you done an analysis on the impact Ο. 12 of staff's proposal on other manufacturers in the 13 State of Ohio? 14 Α. No. 15 And you would agree that staff's proposal Ο. 16 will result in an increased cost to customers, 17 correct? 18 Α. Yes, but it's unclear what the impact of 19 that would be. 20 Ο. But it will be an impact, you would 21 agree, correct? 22 Α. I haven't done that analysis. Ι understand that there would be an increased cost to 23 24 customers. 25 Have you done an analysis on whether the Ο.

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1540 increase in costs to customers will impact their 1 ability to invest additional dollars in the State of 2 3 Ohio? 4 Α. No, I have not done that analysis. 5 Have you done an analysis on whether the Ο. 6 increase in costs to customers will impact their 7 ability -- customers' ability to expand their 8 companies in the State of Ohio? 9 No, I have not done that analysis. Α. 10 Have you done an analysis on whether the Q. 11 increase in costs to customers will impact those customers' ability to fund other community projects 12 in the State of Ohio? 13 14 No, I have not done that analysis. Α. 15 Have you done an analysis on whether the Ο. 16 increase in costs to customers will affect whether 17 new companies decide to locate in Ohio? 18 No, I have not done that analysis. Α. 19 MS. GHILONI: Your Honor, if I could just 20 have a few moments? 21 EXAMINER ADDISON: Of course. 22 Let's go off the record. (Discussion off the record.) 23 24 EXAMINER ADDISON: Let's go back on the 25 record.

1541 MS. GHILONI: I have no further 1 2 questions, your Honor. 3 EXAMINER ADDISON: Thank you, Ms. Walter. 4 Mr. Dougherty? 5 MR. DOUGHERTY: No questions. 6 EXAMINER ADDISON: Mr. Kurtz? 7 MR. KURTZ: Yeah. Thank you, your Honor. 8 _ _ _ 9 CROSS-EXAMINATION 10 By Mr. Kurtz: 11 Page 5 of your testimony, please line 3, 0. 12 Ms. Murley, the output multiplier of 1.92. 13 Α. Yes. 14 So for every million dollars of Ο. 15 economic -- of goods and services created by 16 FirstEnergy, there is an additional 920,000 of 17 economic activity. Is that the essence of what the 18 multiplier is? 19 Α. Yes, for output. 20 Q. And --21 EXAMINER ADDISON: Mr. Kurtz, would you 22 mind turning on your mic. Thank you. 23 Q. And the 1.92 is specific to corporate 24 headquarters? 25 A. Yes, in Ohio.

1542 There would be different multipliers for 1 Ο. 2 different industries. Auto steel would be different 3 then big box retailers, for example? 4 Α. Yes. 5 Okay. Now, if there is a \$1 million rate Ο. 6 increase, wouldn't that be a million dollars of goods and services that could not be -- a million dollars 7 8 that could not be spent on other goods and services? 9 So you're referring to the impact on Α. 10 customers' spending? 11 Yes, of a rate increase in utility rates Ο. 12 of a million dollars, hypothetically. 13 Α. I didn't analyze changes in customer 14 spending as a result of a change in utility rates. 15 Well, I am not asking for a specific Ο. 16 number. But if utility rates go up by a million 17 dollars, that's a million dollars people don't have 18 to spend on something else, wouldn't you agree? 19 Yes, their spending would need to be Α. 20 reallocated. 21 Ο. Okay. Is there a negative output 22 multiplier associated with utility rate increases? 23 Α. Multipliers are not negative. I would typically use a cost/benefit analysis to evaluate the 24 25 impact of changes in utility rates.

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1	Q. So under, whether it's a negative
2	multiplier or a cost/benefit, the impact to the
3	economy is greater than the \$1 million rate increase
4	because there is that money can't work its way
5	through the economy the same way you have on a
6	positive basis here; isn't that correct?
7	A. If I would address your question in the
8	context of economic impact analysis, you would look
9	at how much consumers spend in each sector, and how
10	that translates into jobs and personal income in
11	those sectors.
12	Q. My question is more basic. Isn't
13	there isn't there a multiplier effect going the
14	other direction from utility rate increases?
15	MR. SOULES: I am sorry. Could I have
16	that last question reread?
17	EXAMINER ADDISON: You may.
18	(Record read.)
19	A. So the customers are actually increasing
20	their spending on utilities. You are asking about
21	the impact of decreasing their spending on other
22	items?
23	Q. Yes.
24	A. So the way that economic impacts work, it
25	just translates whatever the amount of spending is on

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those other items into jobs, income, and output in 1 those other sectors. 2 3 Ο. So there would be a multiplier effect, 4 though; isn't that correct? 5 Α. Yes. Those other sectors have suppliers 6 and those employees and those other sectors shop and 7 that would be the essence of the multiplier effect. 8 0. Okay. That would be a negative 9 multiplier effect in terms of economic progress and 10 economic development? 11 Well, you're asking a question about Α. 12 comparing the impact of spending at one point in time 13 in a nonutility sector, versus at some other point in 14 time in a nonutility sector? 15 Ο. Let me ask you this, suppose the 16 Commission granted a \$10 billion dollar rate increase 17 and half the businesses went out -- went out of 18 business and people's homes went into foreclosure. 19 Isn't there a greater impact on the economy than the \$10 billion rate increase? 20 21 MR. ALEXANDER: Objection. 22 0. Isn't there a multiplier effect? 23 MR. ALEXANDER: Objection, assumes facts. 24 Incomplete hypothetical. 25 MR. KURTZ: It's a hypothetical.

1545 1 EXAMINER ADDISON: It's a hypothetical, 2 she can answer, but I will allow her plenty of leeway 3 in her answer. 4 MR. ALEXANDER: Thank you, your Honor. Ι 5 think the question was also compound. 6 MR. KURTZ: I think she understood. 7 MR. ALEXANDER: Which one? 8 EXAMINER ADDISON: Any comments should be 9 direct towards the Bench. 10 MR. ALEXANDER: I'm sorry. 11 EXAMINER ADDISON: Ms. Murley, can you 12 answer that hypothetical as it's been posed to you? 13 THE WITNESS: Could you repeat the 14 question? 15 EXAMINER ADDISON: Absolutely. 16 (By Mr. Kurtz) If this Commission or any Ο. 17 Commission issues a gigantic rate increase, 18 hypothetically, \$10 billion, isn't the effect on the 19 economy more than just the \$10 billion? Isn't there 20 a multiplier effect throughout the economy on the bad 21 side, just like there's a multiplier effect if this 22 was a rate reduction on the good side? 23 Α. Economic impact analysis doesn't measure good and bad that way. It just translates an amount 24 25 of expenditures into jobs and income and output. You

1546 would really have to do a cost analysis or a 1 2 comparison of the impacts over time to be able to 3 make that kind of judgment. 4 Ο. Okay. Can you turn to page 2 of your 5 attachment, Attachment 1. Are you there? 6 Α. Yes. 7 Ο. Okay. The "Applied Economics Background," this is your company. What is 8 9 socioeconomic modeling? 10 Modeling of factors such as income and Α. 11 employment. For example, we do enrollment 12 projections for school districts, looking at the 13 number of students by grade, by geography, and often 14 by race that may occur within a particular time 15 period, and I would classify that as socioeconomic 16 projections. 17 Ο. Okay. Let's go to Table 4 -- Table --18 Figure 1, page 4 of your testimony. 19 Α. Yes. 20 Ο. Where you summarize the economic benefits 21 of the jobs and so forth. 22 MR. ALEXANDER: And, your Honor, just one 23 point of clarification. Did you mean the attachment? 24 MR. KURTZ: No. Of the testimony, 25 page 4, Figure 1.

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1	Q. The summary table in your testimony. Do
2	you have that?
3	A. Are you referring to Attachment SM-R-1?
4	Q. No, no. Your testimony, page 4,
5	Figure 1.
6	A. Yes.
7	Q. Okay. These are big numbers and big jobs
8	and so forth, but I want to try to get it into
9	perspective. Would it make a difference I guess
10	it doesn't make a difference in the analysis you've
11	done whether the corporate headquarters are located
12	in a small, depressed town, versus a large town that
13	it could absorb the job losses more, that didn't get
14	factored into your analysis?
15	A. Since I was looking at the impacts on the
16	whole State of Ohio, it wasn't specific to the
17	location being in Akron.
18	Q. In the real world, though, wouldn't it be
19	more of a hardship on the Akron economy to lose this
20	many jobs and this much money versus a large economy
21	like Columbus, for example?
22	MR. SOULES: Objection.
23	EXAMINER ADDISION: Grounds?
24	MR. SOULES: Friendly cross.
25	MR. KURTZ: This witness is we haven't

1548 taken a position on staff's position. She's 1 testifying on the economic benefits of applying the 2 staff's recommendation. What I am cross-examining on 3 4 is whether this witness has overestimated or underestimated those economic benefits. 5 The first line of questions tended to 6 7 show that maybe she was overestimating the benefits 8 because the rate increase wasn't factored, and a lot 9 of counsel asked that question. 10 Here, the line of questioning is whether 11 or not these numbers would be the same in a depressed 12 area like Akron, versus Columbus, and that would tend 13 to show that these benefits are understated. 14 But, in either event, it's not friendly. 15 It's informative, because we haven't taken a position 16 on staff's recommendation. 17 MR. SOULES: Your Honor, two points. 18 No. 1, Ms. Murley is not testifying in 19 support of the staff recommendation. She's 20 testifying in support of the companies' modification 21 of the staff proposal. 22 secondarily, I don't believe there is evidence in the record as to whether Akron is 23 24 economically depressed, versus, or otherwise, you 25 know, so, you know, Mr. Kurtz has not submitted

1549 testimony on Akron's economic condition, and so we 1 2 would object on those additional grounds. 3 MR. KURTZ: I'll rephrase. 4 EXAMINER ADDISON: Thank you, Mr. Kurtz. 5 (By Mr. Kurtz) Aren't these economic Ο. 6 benefit numbers, Figure 1, page 4 of your testimony, 7 wouldn't they -- if a -- if a locality lost those 8 benefits and the locality was already economically 9 depressed, wouldn't that be a greater hardship than 10 if these economic losses were incurred in a big 11 metropolitan area that could absorb them, absorb the 12 losses better? 13 Α. So if I understand your question 14 correctly, the magnitude of the impacts here allow 15 vendor purchases to be made anywhere in Ohio, for 16 example. So the amount of vendor purchases made in a 17 specific community would be assumably less than 18 state-wide; although, it would be a bigger percentage 19 of the total output in that community than it is of 20 the total output in Ohio. So, in that sense, the 21 impact would be felt more strongly in that community. 22 So if FirstEnergy was located in Columbus Ο. 23 versus Akron, wouldn't the Columbus economy be able 24 to absorb these losses greater than the Akron 25 economy?

1550 MR. SOULES: Objection, friendly cross. 1 2 EXAMINER ADDISON: Sustained. 3 Does it make a difference where -- where Ο. 4 these -- let's look at these numbers. You've got 5 local employee spending, so that's a local -- that's a local benefit, correct? 6 7 Α. By "local" I really mean in Ohio; 8 although, most of their spending probably occurs 9 close to where they live. 10 And utility headquarters' operation, Ο. 11 those are people who live -- who work at the 12 headquarters. 13 MR. MICHAEL: Your Honor, I am going to 14 object at this point in time. Ms. Murley has been 15 very clear. Her model is based on impacts of the 16 State of Ohio and, therefore, questions about, you 17 know, local impact are beyond the scope of what her 18 testimony was and, therefore, inappropriate. 19 MR. KURTZ: I think it's very clear that 20 the people who work at FirstEnergy, live in -- live 21 in the Akron vicinity. I doubt very much live in Cincinnati and work in Akron. So that was the nature 22 23 of my question. 24 EXAMINER ADDISON: I'll provide a little 25 leeway.

1551 (By Mr. Kurtz) The utility headquarters' 1 0. 2 operation, that's the payroll numbers, isn't that --3 tend to be local around Akron? 4 Α. All that payroll is paid to people at the 5 headquarters. The spending, if that's what you are 6 asking, is likely to be largely close to where they 7 live. Okay. If -- if the headquarters left 8 Ο. 9 Akron for whatever reason, would there be an effect 10 on local property values? 11 MR. SOULES: Objection. 12 EXAMINER ADDISON: Grounds? 13 MR. SOULES: This is friendly cross. 14 EXAMINER ADDISON: Sustained. 15 (By Mr. Kurtz) If the headquarters left Ο. 16 Akron for any reason, would there be an effect on 17 downtown office rents? 18 MR. SOULES: Objection. 19 EXAMINER ADDISON: Sustained. 20 (By Mr. Kurtz) When you -- when -- I've Q. 21 seen studies where plants close and so forth, and 22 there's higher incidents of high school dropout 23 rates, increased crime rates. Is that something 24 you're -- I know you didn't do it here, but does your 25 firm do that type of analysis?

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1	MR. MICHAEL: Objection, relevance.
2	EXAMINER ADDISON: Mr. Kurtz?
3	MR. KURTZ: Well, I am inquiring as to
4	as to the scope of her study. If there were other
5	impacts that I think maybe were left out.
6	MR. MICHAEL: Friendly cross.
7	MR. SOULES: Your Honor, I would join
8	that objection, and further note Mr. Kurtz's question
9	referred to "plants," not to headquarter operations.
10	EXAMINER ADDISON: Thank you. Objection
11	sustained.
12	Q. (By Mr. Kurtz) Let's assume that the
13	benefits on Figure 1, page 4, are exactly accurate,
14	you are exactly correct that these are the benefits.
15	From the State of Ohio's economic well-being
16	perspective or to maximize the value of the value to
17	the State of Ohio, if the Commission had to award a
18	rate increase to get these values, wouldn't the
19	smallest rate increase possible to get that value be
20	the optimal level of rate increase?
21	MR. SOULES: Your Honor, could I have
22	that question reread.
23	EXAMINER ADDISON: You may.
24	(Record read.)
25	MS. PETRUCCI: Objection. This witness

1553 is not here to -- I'm sorry. This witness isn't here 1 2 to opine, and she indicated earlier she is not here 3 to opine on the calculation of the rate. She is not 4 here for a rate-level debate. 5 MR. ALEXANDER: I join in that objection, 6 your Honor. 7 MR. KURTZ: I can understand why the 8 company objects. I can't understand why they object, 9 but. 10 EXAMINER PRICE: At least this one is not 11 friendly. 12 MR. KURTZ: Yeah, right, it wasn't 13 intended to be. But I do think it's within the scope 14 of her testimony. She's testifying about these 15 benefits and economic development and so forth, and 16 the question is pretty simple. 17 MR. SOULES: Your Honor, I would further 18 object that it's compound. 19 EXAMINER ADDISON: Thank you. I am going 20 to allow the question. 21 You can answer if you hold an opinion. 22 MR. ALEXANDER: Your Honor, was there a 23 ruling on Mr. Soules's compound objection? 24 EXAMINER ADDISON: I am going to allow 25 the question. If she needs further clarification, we

1554 can address it then. 1 2 MR. ALEXANDER: Thank you. Could we have 3 the question read? 4 EXAMINER ADDISON: Absolutely. 5 Thank you, Karen. (Record read.) 6 7 The question is phrased in the context of Α. 8 a cost/benefit analysis rather than an economic 9 impact analysis. And I didn't analyze -- I didn't do 10 a cost/benefit analysis of changes in rates which 11 goes beyond just the amount of the rate increase. 12 Ο. From the State's perspective, to get 13 these values, wouldn't it be better to pay \$1 million 14 versus \$100 million? 15 I object, your Honor, to the MR. SOULES: 16 premise of the question, which suggests that a rate 17 increase would be necessary to get these values, so I 18 do believe it's friendly cross. 19 EXAMINER ADDISON: I'll allow the 20 question. 21 Α. I'm sorry. Could you repeat the 22 question? Q. 23 From the State of Ohio's perspective, if 24 you assume a rate increase is necessary to achieve 25 these benefits, wouldn't a \$1 million rate increase

1555 be preferential to \$100 million rate increase? 1 2 MR. ALEXANDER: Objection. On two 3 grounds. One, beyond the scope of the witness's 4 testimony. She has been very clear she didn't do a 5 quantification. 6 Two, asked and answered. The witness 7 just testified that would require a cost/benefit 8 analysis, which she didn't do. This is literally the 9 exact same question. 10 MR. KURTZ: It is, because she didn't 11 answer it. I think she can. It's pretty obvious 12 what the answer is. 13 EXAMINER ADDISON: I'll allow it. 14 Α. I am sorry. Could you repeat the 15 question one more time? 16 It's essentially down to this: If these Ο. 17 benefits can be achieved by a \$1 million rate 18 increases versus \$100 million rate increase, wouldn't 19 the \$1 million rate increase be better for the State? 20 Α. Without having done a cost/benefit 21 analysis, I would assume customers would prefer a 22 lower rate increase. 23 Ο. And, of course, the rub or the question 24 is, the Commission doesn't know what the right level 25 of rate increase to achieve these benefits would be.

1556 1 MR. SOULES: Objection. 2 EXAMINER ADDISON: Sustained. 3 Ο. Do you agree with that? 4 MR. SOULES: Objection. EXAMINER ADDISON: The objection was 5 6 sustained, Mr. Kurtz. 7 (By Mr. Kurtz) Have you ever advised, Ο. 8 worked for a Commission, Public Utilities Commission? 9 Α. No. 10 Those are all my questions. MR. KURTZ: 11 Thank you, your Honor. 12 EXAMINER ADDISON: Thank you, Mr. Kurtz. 13 Mr. McNamee? 14 MR. McNAMEE: No questions, thank you. 15 EXAMINER ADDISON: Thank you. 16 Mr. Alexander, redirect? 17 MR. SOULES: Your Honor, before we shift 18 to redirect, there's one additional application of 19 your prior ruling with respect to the motion to 20 strike that I wanted to ask be applied. 21 And I am looking specifically at page 6, 22 lines 11 through 12, of Ms. Murley's testimony. There's a sentence that states "This analysis is 23 24 conservative because it does not take into account 25 the 264 additional local employees," et cetera, et

1557 1 cetera. 2 Virtually, that same statement was 3 stricken under your prior ruling, and we would 4 request that everything beginning with the word "because" be stricken consistent with that ruling. 5 EXAMINER ADDISON: Did you have anything 6 7 to add to that, Mr. Alexander? 8 MR. ALEXANDER: Just a question, your 9 Honor, are you planning to entertain motions to 10 strike still? 11 EXAMINER ADDISON: Yes. 12 MR. ALEXANDER: All right. Then no. 13 EXAMINER ADDISON: We will be denying in 14 part and granting in part the motion to strike. We 15 will be granting to the extent it states an actual --16 the actual number, "264." The remainder of the 17 sentence, the motion to strike will be denied. 18 MS. PETRUCCI: Just so I'm clear, the number "264" is what is being stricken, and the rest 19 20 of the sentence remains? 21 EXAMINER ADDISON: Exactly, yes. 22 MR. SOULES: Thank you, your Honor. 23 EXAMINER ADDISON: Thank you. Mr. Alexander, redirect? 24 25 MR. ALEXANDER: Could I have 5 minutes,

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1	your Honor?
2	EXAMINER ADDISON: You may.
3	Let's go off the record
4	(Discussion off the record.)
5	EXAMINER ADDISON: Let's go back on the
6	record.
7	
8	REDIRECT EXAMINATION
9	By Mr. Alexander:
10	Q. Ms. Murley, in response to, first,
11	Mr. Soules's, but then continuing through the
12	remaining cross-examination, you were asked about
13	the your analysis, whether you had compared the
14	results of your analysis to actual costs and actual
15	jobs created. Do you recall those questions?
16	A. Yes.
17	Q. And you've testified in response to, I
18	think it was Mr. Michael, that it was impossible to
19	do that. Do you recall that?
20	A. Yes.
21	Q. Why is it impossible for you to compare
22	the results of your analysis to actual results?
23	A. So in the case of the indirect or vendor
24	purchase impacts, it would require me to interview
25	each one of FirstEnergy's vendors to verify how much

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they had spent with those vendors. And in the case of the indirect impacts, also to talk to each one of their employees about how much they spent.

4 So assuming that part is possible, from 5 there, I would have to also ask each vendor how many 6 people they employed and what percent of their 7 workforce was devoted to servicing FirstEnergy's 8 needs, and also who their suppliers were and what 9 portion of their suppliers they would attribute or 10 would their supply purchases they would attribute to 11 FirstEnergy's purchases.

12 And for the employees, I would not only 13 have to ask them how much they spent, but where they 14 spent it. And then I would need to talk to all of 15 those retailers and personal service providers and 16 ask them how many people they employed and what 17 percent of their workforce could be attributed to the 18 sales to FirstEnergy employees, and the same for the 19 employees of the supplier businesses. So it becomes 20 a fairly untenable task.

Q. Okay. And with regard to how you conduct an economic impact analysis, and this is again in response to questions from Mr. Michael, why does economic impact analysis focus on the state where the work is performed?

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1	A. If I could use an example for
2	manufacturing, I think it would be easier to
3	understand. So let's say, for example, that there's
4	a company that produces a manufactured product in
5	Akron. And machine parts let's just say. And they
6	sell those machine parts to customers all over the
7	world, but they produce the parts in Akron. Their
8	vendor purchases, they have a certain share of vendor
9	purchases that are in Akron, their employees
10	primarily live in that area and re-spend their
11	payroll in that area. The economic impact is in the
12	location where the product is produced.
13	This is a service and so it's different
14	than a manufactured product, but the concept and the
15	foundation of how economic impact analysis is
16	performed is exactly the same.
17	MR. ALEXANDER: No further questions,
18	your Honor.
19	EXAMINER ADDISON: Thank you
20	Mr. Alexander.
21	Mr. Soules?
22	MR. SOULES: Thank you, your Honor.
23	
24	RECROSS-EXAMINATION
25	By Mr. Soules:

1561 Just a couple of brief questions, 1 Q. 2 Ms. Murley. A moment ago you testified with -- in 3 response to a question from Mr. Alexander, about 4 actual costs and benefits versus estimated costs and 5 benefits. Do you recall that discussion? 6 I believe I was referring to economic Α. 7 impacts, not costs and benefits. 8 Ο. For your -- for the analysis that you 9 presented in your testimony, you did not look at any 10 actual costs, correct? 11 MR. ALEXANDER: Objection, asked and 12 answered. 13 MR. SOULES: Your Honor, the very first 14 question that Mr. Alexander posed to the witness 15 referenced actual costs. 16 MR. ALEXANDER: Your Honor, this has been addressed in great detail by all these counsel, 17 18 including Mr. Soules. 19 EXAMINER ADDISON: I'll allow the 20 question. 21 Do you need that question reread? 22 THE WITNESS: Yes. 23 EXAMINER ADDISON: Please, Karen. Thank 24 you. 25 (Record read.)

1562 Could I clarify what you are referring to 1 Α. 2 when you say "actual costs"? Actual costs associated with the rider 3 Ο. 4 DMR. With that clarification, do you understand the 5 question? No. I'm sorry, I don't. 6 Α. 7 0. Your analysis did not consider or 8 attempt -- strike that. 9 Shifting gears, in your career as an 10 economist, have you ever taken the steps that you 11 described in response to Mr. Alexander's question 12 with regard to interviewing vendors or speaking to 13 employees about their spending activities? 14 Α. No. 15 You always just rely upon the IMPLAN Ο. 16 multipliers, correct? 17 Α. I have had situations where companies 18 have given me information on their vendor purchases, 19 which is why I'm familiar with the inherent 20 difficulties in getting that information in the 21 correct format, regarding where invoices are sent 22 versus where products and services are produced, and 23 also distinguishing between manufactured purchases, 24 purchases from wholesalers and purchasers at retail, 25 which that distinction is very important in the

1563 impact model. 1 2 MR. SOULES: No further questions, your 3 Honor. 4 EXAMINER ADDISON: Thank you, Mr. Soules. Ms. Petrucci? 5 6 MS. PETRUCCI: No questions. 7 EXAMINER ADDISON: Thank you. Mr. Michael? 8 9 MR. MICHAEL: No questions. EXAMINER ADDISON: Thank you. 10 11 Mr. Stinson? 12 MR. STINSON: No questions, your Honor. 13 EXAMINER ADDISON: Mr. Dougherty? MR. DOUGHERTY: No questions. 14 15 EXAMINER ADDISON: Mr. Pritchard? 16 MR. PRITCHARD: No questions, your Honor. 17 EXAMINER ADDISON: Ms. Walter? 18 MS. GHILONI: No questions, your Honor. EXAMINER ADDISON: Mr. Kurtz? 19 20 MR. KURTZ: No questions. 21 EXAMINER ADDISON: Mr. McNamee? 22 MR. McNAMEE: No. Thank you. 23 EXAMINER ADDISON: I have no additional 24 questions. Ms. Murley, you are excused. 25 THE WITNESS: Thank you.

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1	EXAMINER ADDISON: Thank you very much.
2	MR. ALEXANDER: Your Honor, at this time,
3	the companies would move the admission of Company
4	Exhibit 205, Ms. Murley's testimony.
5	EXAMINER ADDISON: Are there any
6	objections to the admission of Company Exhibit 205,
7	subject to the motions to strike?
8	Hearing none, it will be admitted.
9	(EXHIBIT ADMITTED INTO EVIDENCE.)
10	EXAMINER ADDISON: At this time, we will
11	adjourn for the day. We will reconvene on Monday
12	morning at 10:00 a.m. Thank you, all.
13	Let's go off the record.
14	(Thereupon, at 12:34 p.m., the hearing
15	was adjourned.)
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1	CERTIFICATE
2	I do hereby certify that the foregoing is
3	a true and correct transcript of the proceedings
4	taken by me in this matter on Thursday, July 28,
5	2016, and carefully compared with my original
6	stenographic notes.
7	
8	
9	Karen Sue Gibson, Registered Merit Reporter.
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11	
12	Carolyn M. Burke, Registered Professional Reporter.
13	(KSG-6229)
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Summary: Transcript in the matter of Ohio Edison Company, The Cleveland Electric Illuminating Company and The Toledo Edison Company hearing held on 07/28/16 - Volume IX electronically filed by Mr. Ken Spencer on behalf of Armstrong & Okey, Inc. and Gibson, Karen Sue Mrs.