BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO In the Matter of the Application of Duke Energy: Ohio, Inc., for an : Case No. 17-32-EL-AIR Increase in Electric Distribution Rates. In the Matter of the Application of Duke Energy: Ohio, Inc., for Tariff : Case No. 17-33-EL-ATA Approval. In the Matter of the Application of Duke Energy: Ohio, Inc., for Approval : Case No. 17-34-EL-AAM to Change Accounting : Methods. In the Matter of the Application of Duke Energy: Ohio, Inc., for Approval : Case No. 17-872-EL-RDR to Modify Rider PSR. In the Matter of the Application of Duke Energy: Ohio, Inc., for Approval : Case No. 17-873-EL-ATA to Amend Rider PSR. In the Matter of the Application of Duke Energy: Ohio, Inc., for Approval : Case No. 17-874-EL-AAM to Change Accounting Methods. In the Matter of the Application of Duke Energy: Ohio, Inc., for Authority : to Establish a Standard Service Offer Pursuant to : Section 4928.143, Revised : Case No. 17-1263-EL-SSO Code, in the Form of an Electric Security Plan, Accounting Modifications, : and Tariffs for Generation: Services.

: 1 In the Matter of the Application of Duke Energy: 2 Ohio, Inc., for Authority : to Amend its Certified : Case No. 17-1264-EL-ATA 3 Supplier Tariff, P.U.C.O. : No. 20. 4 In the Matter of the 5 Application of Duke Energy: Ohio, Inc., for Authority : Case No. 17-1265-EL-AAM to Defer Vegetation 6 Management Costs. : 7 In the Matter of the 8 Application of Duke Energy: Ohio, Inc., to Establish : Minimum Reliability : Case No. 16-1602-EL-ESS 9 : Performance Standards 10 Pursuant to Chapter : 4901:1-10, Ohio : 11 Administrative Code. 12 13 PROCEEDINGS 14 before Mr. Nicholas Walstra and Ms. Stacie Cathcart, 15 Attorney Examiners, at the Public Utilities 16 Commission of Ohio, 180 East Broad Street, Room 11-A, 17 Columbus, Ohio, called at 9:00 a.m. on Tuesday, July 18 17, 2018. 19 20 VOLUME VII 21 22 ARMSTRONG & OKEY, INC. 23 222 East Town Street, Second Floor Columbus, Ohio 43215-5201 24 (614) 224-9481 - (800) 223-9481 25

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1282 1 Tuesday Morning Session, 2 July 17, 2018. 3 _ _ _ 4 EXAMINER WALSTRA: We'll go back on the 5 record with Day 7, In Re: Duke Energy Ohio, regarding 6 the global stipulation. 7 Is there anything else to come before the Bench? 8 9 Mr. Michael, call your witness. 10 MR. MICHAEL: Your Honor, OCC would call 11 Dave Effron. And if we could have previously -- or 12 OCC Exhibit No. 10 marked, your Honor. 9. 13 EXAMINER WALSTRA: So marked. 14 (EXHIBIT MARKED FOR IDENTIFICATION.) 15 (Witness sworn.) 16 EXAMINER WALSTRA: Thank you. 17 Please take a seat. 18 _ _ _ 19 DAVID J. EFFRON 20 being first duly sworn, as prescribed by law, was 21 examined and testified as follows: 22 DIRECT EXAMINATION 23 By Mr. Michael: 24 Would you state your name, please. Ο. 25 Α. Yes. My name is David Jay Effron.

1283 1 E-f-f-r-o-n. 2 And where are you employed, Mr. Effron? Ο. 3 I'm self-employed, doing business as Α. Berkshire Consulting Services. My office is in New 4 5 Hampshire. 6 And do you have in front of you, Ο. 7 Mr. Effron, what was previously marked as OCC Exhibit No. 9? 8 Yes, I do. 9 Α. 10 And can you identify that document, Ο. 11 please? 12 Yes. That's my direct testimony in this Α. 13 case. 14 Ο. And do you have any modifications to that 15 testimony, Mr. Effron? 16 Α. I do not. 17 And was this testimony prepared by you or Q. 18 at your direction? 19 Yes, it was. Α. 20 Q. And if I were to you ask the questions in 21 that testimony, would your answers be the same? 22 Yes, they would. Α. 23 MR. MICHAEL: Your Honor, I move for 24 admission of OCC Exhibit No. 9, subject to 25 cross-examination.

	1284
1	EXAMINER WALSTRA: Thank you.
2	Any cross?
3	Go to Duke.
4	MS. PASHOS: Yes, thank you.
5	
6	CROSS-EXAMINATION
7	By Ms. Pashos:
8	Q. Good morning.
9	A. Good morning.
10	Q. You've testified in rate cases before
11	across the country, right?
12	A. Yes.
13	Q. And you've testified in Ohio rate cases
14	before?
15	A. Yes, I have.
16	Q. Have you reviewed the company's
17	application and supporting schedules filed in the
18	rate case portion of this case which I think is Case
19	No. 17-0032-EL-AIR?
20	A. I believe I looked at them and it would
21	have been a while ago though.
22	Q. Would you agree with me that the
23	application in this rate for the rate case, that
24	Duke Energy Indiana Ohio filed its application in
25	March 2017?

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	1285
1	A. That sounds right.
2	Q. And would you agree that the test year
3	used in this case is the 12 months beginning April 1,
4	2016, and ending March 31, 2017?
5	A. Yes.
6	Q. And would you agree that the applicable
7	federal corporate income tax rate during that test
8	year was 35 percent?
9	A. During that 12-month period it was, yes.
10	Q. And would you agree that the Staff Report
11	in this case was filed in approximately September
12	2017?
13	A. I don't have that in front of me. I'll
14	accept that representation.
15	Q. And would you agree that the Tax Cut and
16	Jobs Act was enacted in December 2017?
17	A. That's correct.
18	Q. And would you agree that the change in
19	federal corporate income tax rate from 35 percent to
20	21 percent consistent with the Tax Cut and Jobs Act
21	was for tax years beginning after 2017?
22	A. Beginning January 2018, yes.
23	Q. And would you agree that the beginning of
24	Duke Energy Ohio's tax year, 2018, is nine months
25	after the end of the test year used in this rate

1286 1 case? 2 That sounds right, yes. Α. 3 Q. Well, you should always check me on math, Do you have an understanding of -- let me back 4 so. 5 up. Are you familiar with the Ohio Revised 6 7 Code sections that address the test year and things 8 like that? 9 Α. It's been a long time since -- since I've 10 seen that. I was one time somewhat conversant with 11 it, but I'm generally familiar with it, but I 12 wouldn't like to speak at any great detail at this 13 point about it. 14 You don't read that stuff every day? Ο. 15 Α. No. If you know, does the Ohio Revised Code 16 Ο. 17 talk about the cost of the utility -- does the Ohio 18 Revised Code, if you know, talk about that the 19 Commission shall fix rates based on the cost to the 20 utility of rendering the public utility service for 21 the test period? 22 MR. MICHAEL: I am going to object, your 23 Honor. Asking an accountant questions about what the 24 Ohio Revised Code says, I think, is a little bit 25 beyond the pale. I realize that Counsel prefaced her

1287 question "If you know," but I think the question is 1 2 really a useless question given that she is asking a 3 accountant what the Ohio Revised Code says. EXAMINER WALSTRA: I will allow the 4 5 question. 6 MR. MICHAEL: Thank you. 7 It says what it says. I didn't review Α. 8 that in preparation for my testimony here today. 9 Ο. To your knowledge, in this case, has 10 Staff or any intervenor recommended that Duke Energy 11 Ohio's revenue requirement be adjusted for changes in 12 expenses that became known after the end of the test 13 year other than the tax rate issue? 14 Α. I can't speak to that as I sit here. Ι 15 did review, as I said, some of the -- I reviewed the 16 Staff Report and the company's filing. I don't 17 recall, as I sit here, whether there were any 18 adjustments for expenses after the end of the test 19 year. 20 And in your testimony you're not Q. 21 proposing any adjustments post test year other than 2.2 the change in the tax rate, right? 23 I am just adjusting -- I'm just Α. 24 addressing the tax issue, yes. 25 Q. Are you aware or familiar at all with the

	1288
1	Rider DCI proposed by the company in this case?
2	A. I'm somewhat familiar with it.
3	Q. Are you aware that a pretty significant
4	amount of the company's rate base will be recovered
5	through that rider rather than through base rates?
6	A. I address that in my testimony, yes, I am
7	aware of that.
8	Q. And you are aware that the company is
9	calculating that rider using the 21 percent corporate
10	income tax rate rather than the 35 percent, right?
11	A. That's correct, yes.
12	Q. Are you aware the Commission has opened a
13	generic investigation into the impact of the Tax Cut
14	and Jobs Act here in Ohio?
15	A. I address that in my testimony so, yes, I
16	am aware.
17	Q. And would you agree that through that
18	generic investigation, the Commission can decide how
19	to implement new corporate income tax rates for all
20	utilities under their jurisdiction, no matter if they
21	have rate cases pending, where in the rate case
22	process they are, et cetera?
23	A. They they can determine what they say
24	they can determine and what the statutes permit.
25	MS. PASHOS: Thank you. That's all I

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	1289
1	have.
2	EXAMINER WALSTRA: Thank you.
3	Staff?
4	MR. BEELER: No questions, your Honor.
5	MR. MICHAEL: No redirect, your Honor.
6	EXAMINER WALSTRA: Thank you, Mr. Effron.
7	THE WITNESS: Thank you.
8	EXAMINER WALSTRA: Would you like to move
9	your exhibit?
10	MR. MICHAEL: Yes, your Honor. OCC moves
11	Exhibit No. 9.
12	EXAMINER WALSTRA: Any objections?
13	MS. PASHOS: No objection.
14	EXAMINER WALSTRA: It will be admitted.
15	(EXHIBIT ADMITTED INTO EVIDENCE.)
16	EXAMINER WALSTRA: Mr. Oliker, are you
17	calling your next witness?
18	MR. OLIKER: Yeah, sure. Your Honor,
19	RESA and IGS would call Joseph Haugen to the stand.
20	(Witness sworn.)
21	EXAMINER CATHCART: You may be seated.
22	MR. OLIKER: Your Honor, would you like a
23	copy of the testimony?
24	EXAMINER WALSTRA: Please.
25	

1290 1 JOSEPH HAUGEN 2 being first duly sworn, as prescribed by law, was 3 examined and testified as follows: 4 DIRECT EXAMINATION 5 By Mr. Oliker: 6 Good morning, Mr. Haugen. Ο. 7 Α. Good morning. 8 Q. Could you please state your name for the 9 record. 10 Α. Joseph C. Haugen, H-a-u-g-e-n. 11 And who is your employer? Q. 12 Α. IGS Energy. 13 Q. And what is your business address? 14 6100 Emerald Parkway, Dublin, Ohio. Α. 15 Q. And for -- did you -- did you prepare testimony to be filed in this proceeding? 16 17 Α. I did. 18 And is that testimony marked as RESA-IGS Ο. Exhibit 4? 19 20 Yes. Α. EXAMINER WALSTRA: It will. It can be. 21 22 MR. OLIKER: We didn't mark this? Your 23 Honor, I would like to mark RESA-IGS Exhibit 4 as the 24 prefiled testimony of Joseph Haugen. 25 EXAMINER CATHCART: So marked.

	1291
1	(EXHIBIT MARKED FOR IDENTIFICATION.)
2	Q. (By Mr. Oliker) And there first, do
3	you have any changes to your direct testimony,
4	Mr. Haugen?
5	MR. OLIKER: First, your Honors, we
6	would if we could turn to page 4. This isn't so
7	much a change, but a provision that we would
8	voluntarily strike. Given that Mr. Wathen did not
9	submit the piece of testimony that is relied upon on
10	page 4 and it is the quoted language leading up to
11	footnote 8 and it is on lines 11 through 15 which
12	states "Further, Duke Witness Wathen alleges battery
13	storage resources qualify under FERC Account 393, but
14	then he also states in a separate piece of testimony
15	that 'the Commission should provide explicit
16	authority to include battery storage in Rider DCI,
17	even if the investment in this equipment is
18	ultimately recorded in FERC Accounts other than
19	Accounts 360-374.'"
20	My understanding is that testimony was
21	not submitted by Mr. Wathen or marked as an exhibit;
22	therefore, it is not included in the record, so we
23	would voluntarily strike that. But we would leave
24	the additional statements, including the discovery
25	response, which is attached.

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1	Q. Mr. Haugen, am I correct we're striking
2	that line from your testimony or those lines?
3	A. That's correct.
4	Q. Okay. And switching to page 6, do you
5	have a correction on page 6?
6	A. Yes. The quote that begins on line 7
7	through line 9, I would like to add a footnote that
8	references Wathen's second supplemental testimony,
9	page 11, for reference.
10	Q. Okay. And with those corrections, if I
11	asked all the same questions in this testimony today,
12	would your answers be the same?
13	A. Yes.
14	MR. OLIKER: Okay. With that, your
15	Honor, I would tender the witness for
16	cross-examination.
17	EXAMINER CATHCART: Thank you.
18	Duke?
19	MS. WATTS: Your Honor, we have no
20	cross-examination.
21	EXAMINER CATHCART: OCC?
22	MR. WOLTZ: I have no cross-examination
23	either.
24	EXAMINER CATHCART: Anyone else, any
25	cross?

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1293 1 MR. EUBANKS: We have no cross. 2 EXAMINER CATHCART: Okay. Thank you. 3 MR. OLIKER: With that, we would move for the admission of Mr. Haugen's testimony which is 4 5 RESA-IGS Exhibit 4. EXAMINER CATHCART: Any objection? 6 7 MS. WATTS: No objection. 8 EXAMINER CATHCART: It will be admitted. 9 (EXHIBIT ADMITTED INTO EVIDENCE.) 10 EXAMINER WALSTRA: Mr. Beeler, would you 11 like to call a witness? 12 MR. BEELER: Before we call --13 MR. MICHAEL: Would it be okay if we 14 started, Mr. Oliker? 15 MR. BEELER: Before I would call Staff 16 witnesses, Staff would just like, for convenience, to 17 have marked as Staff Exhibit 1, it comes in by rule, 18 but Staff Exhibit 1, the Staff Report of 19 Investigation. And this also includes the supplement 20 that was filed on October 12, 2017. 21 EXAMINER WALSTRA: So marked. 2.2 (EXHIBIT MARKED FOR IDENTIFICATION.) 23 MR. BEELER: Your Honor, I think the 24 Staff Report is generally admitted by rule, so just 25 for convenience we marked it as Staff Exhibit 1 just

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     for, you know, folks to reference in briefs. I think
 1
 2
     it's easier.
 3
                 EXAMINER WALSTRA: I agree. That works.
                 (EXHIBIT ADMITTED INTO EVIDENCE.)
 4
 5
                 MR. EUBANKS: We would like to call --
     Staff would like to call witness John Berringer to
 6
 7
     the stand. We would also like to be marked as Staff
     Exhibit 2, the testimony of John Berringer.
 8
9
                 EXAMINER WALSTRA: So marked.
10
                 (EXHIBIT MARKED FOR IDENTIFICATION.)
                 MR. EUBANKS: Hello.
11
12
                 MR. BERRINGER: Hi.
13
                 MR. EUBANKS: Could you state your name,
14
    please.
15
                 MR. BERRINGER: John L. Berringer.
16
                 MR. EUBANKS: I'm sorry, is he going to
17
    be sworn in?
18
                 EXAMINER WALSTRA: He is, yeah.
19
                 (Witness sworn.)
20
                 EXAMINER WALSTRA: Thank you.
21
2.2
23
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1295 JOHN L. BERRINGER 1 2 being first duly sworn, as prescribed by law, was 3 examined and testified as follows: 4 DIRECT EXAMINATION 5 By Mr. Eubanks: 6 Ο. Please state your name. 7 Α. John L. Berringer. Would you spell it. 8 Q. 9 Α. B-e-r-r-i-n-g-e-r. 10 By whom are you employed? Ο. Public Utilities Commission of Ohio. 11 Α. 12 And in what capacity? Q. 13 Α. I work in the Rates and Analysis 14 Department as a Utility Specialist 2. 15 Q. Do you have before you what has been previously marked Staff's Exhibit 2? 16 17 Α. Yes, I do. 18 Could you identify that document? Ο. 19 It is a copy of my testimony. Α. 20 Q. Was that document prepared by you? 21 Α. Yes. 2.2 Q. And under your direction? 23 Yes, it was. Α. 24 Do you have any changes, corrections, or 0. 25 additions that you would like to make to Staff's

1296 Exhibit 2? 1 2 Α. I have no changes. 3 Q. If you were to be asked the same questions that were answered in your testimony, would 4 5 you provide the same answers here today? 6 Α. T would. 7 MR. EUBANKS: We have no further questions and we tender the witness for 8 9 cross-examination. 10 EXAMINER WALSTRA: Thank you. 11 Any cross? 12 MR. MICHAEL: None. 13 MR. OLIKER: Actually, hold on. 14 EXAMINER WALSTRA: We already passed you. 15 MR. OLIKER: Just briefly, your Honor. 16 17 CROSS-EXAMINATION 18 By Mr. Oliker: 19 Mr. Berringer, you indicate that you are 0. 20 testifying in support of the Staff Report, correct? 21 Α. For this particular objection as it 22 relates to the Staff Report, yes. 23 And that leads to my next question. Are Q. 24 there any specific portions of the Staff Report for 25 which you had responsibility?

1297 1 Α. This adjustment was my responsibility. 2 Are there any other portions of the Staff Ο. 3 Report, besides the one in your testimony, that you had responsibility? 4 5 Α. I would have to review the Staff Report. 6 I believe there are others. 7 Could you -- I believe the document Ο. 8 has -- the Staff Report has been marked. Do you have 9 a copy of it? And could you just take a moment, 10 please, to let me know what additional sections may 11 have been within your responsibility. 12 MR. EUBANKS: Your Honor, I would like to 13 object. The witness's testimony is limited to the 14 response to the objection as stated. He has no -- he 15 is not being tendered to testify on behalf of Staff 16 in any other capacity. 17 MR. OLIKER: Your Honor, if his testimony 18 and his responsibility was only limited to what is 19 contained in his testimony, I would be happy to move 20 on, but what I am trying to avoid is the shell game 21 in which I failed to ask him which portions of the 22 Staff Report he was responsible for, and then I get 23 to a witness about a question and then they refer 24 back to Mr. Berringer and say you missed your chance. 25 And because of the fact that the Staff Report does

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1	come into the record, that we have a requirement to
2	effectively cross-examine every Staff member to
3	determine which portions of the Staff Report they may
4	or may not have been responsible for. I am just
5	trying to make sure I don't lose that opportunity.
6	MR. EUBANKS: Your Honor, the question is
7	not what part of the Staff Report any particular

/ 8 person was responsible for. The Staff, as a 9 collection, is responsible for the Staff Report and 10 all of its sections. That's why it's called the 11 Staff Report. What we do is we offer witnesses to 12 testify to certain sections of the Staff Report. And 13 I am repeating again that the only section of the 14 Staff Report that we're tendering this witness for is 15 to respond to the objection as stated.

MR. OLIKER: And if the Staff is willing to stipulate that it will not rely upon any witness for any section of the Staff Report that is not described in their testimony, I'm happy to move on. But I'm trying to simply avoid the shell game where I'm told I missed my opportunity to cross-examine on a certain section of the Staff Report.

23 MR. EUBANKS: Your Honor, if we could 24 stick to this particular witness, we're not talking 25 about all Staff witnesses right now. We are talking

1299 1 about this particular witness. This particular 2 witness's testimony is limited to responding to the objection as stated. And I will -- I will, I guess, 3 4 stipulate to that. 5 MR. OLIKER: Okay. With that 6 clarification, your Honor, for this witness I am 7 willing to move on. 8 EXAMINER WALSTRA: Thank you. 9 MR. OLIKER: Thank you. 10 MR. EUBANKS: With that, your Honor, we would like to move Staff's Exhibit No. 2 into 11 12 evidence if there are no other questions. 13 EXAMINER WALSTRA: No other questions? 14 MS. WATTS: No other questions. 15 EXAMINER WALSTRA: Thank you, 16 Mr. Berringer. 17 No objections to admission of Staff 18 Exhibit 2? 19 Hearing none, it will be admitted 20 (EXHIBIT ADMITTED INTO EVIDENCE.) 21 MR. BEELER: We might need a short 22 recess. We are waiting for an attorney, who is 23 running over, who has the next witness. 24 EXAMINER WALSTRA: Okay. We can go off 25 the record.

1300 (Discussion off the record.) 1 2 EXAMINER WALSTRA: We will go back on the 3 record. Staff, you can call your next witness. 4 5 MR. LINDGREN: Thank you, your Honor. 6 The Staff calls Jacob Nicodemus to the stand. 7 (Witness sworn.) 8 EXAMINER WALSTRA: Thank you. Please 9 take a seat. 10 11 JACOB J. NICODEMUS 12 being first duly sworn, as prescribed by law, was examined and testified as follows: 13 14 DIRECT EXAMINATION By Mr. Lindgren: 15 16 Good morning, Mr. Nicodemus. Ο. 17 Α. Good morning. 18 Do you have before you a copy of your Ο. 19 prefiled testimony that has been marked as Staff 20 Exhibit 3? 21 Α. Yes. 22 Ο. Thank you. 23 MR. LINDGREN: And, your Honors, for the 24 record, I would note that the version that was filed 25 with docketing, the page numbers were inadvertently

1301 left off, but we have handwritten-in the page 1 2 numbers. If anybody would prefer a copy of that, we 3 can give them a copy. 4 EXAMINER WALSTRA: Thank you. 5 Anyone need a copy speak now? 6 Go ahead. (By Mr. Lindgren) Mr. Nicodemus, was this 7 Q. 8 testimony prepared by you or at your direction? 9 Α. Yes. 10 Ο. And do you have any changes or corrections to this testimony? 11 12 Α. No. 13 0. So if I were to ask you all the questions 14 contained in this exhibit, would your answers be the same? 15 16 Α. Yes. 17 MR. LINDGREN: Thank you. 18 Subject to cross-examination, I would move for the admission of this exhibit as Staff 19 20 Exhibit 3. 21 EXAMINER WALSTRA: Thank you. It will be 2.2 so marked. 23 (EXHIBIT MARKED FOR IDENTIFICATION.) 24 EXAMINER WALSTRA: It looks like we do have some cross-examination. 25

1302 1 MR. WOLTZ: Yes, your Honor. 2 MR. OLIKER: I have just a few 3 introductory questions, your Honor. 4 EXAMINER WALSTRA: Sure. 5 6 CROSS-EXAMINATION 7 By Mr. Oliker: Good morning, Mr. Nicodemus. 8 Q. 9 Α. Good morning. 10 My name is Joe Oliker. I'm with IGS Q. 11 Energy. Hopefully, just a few questions for you this 12 morning. 13 Am I correct that your responsibility 14 with respect to the Staff Report was limited to the 15 survey reports, I believe, that are sponsored in your 16 testimony? 17 Α. I wasn't involved with the Staff Report. 18 MR. OLIKER: Okay. Thank you. That's 19 even more helpful. No more questions. Have a good 20 day. 21 22 CROSS-EXAMINATION 23 By Mr. Woltz: 24 Q. Good morning, Mr. Nicodemus. How are 25 you?

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1303 1 Α. Good. 2 Excellent. I do have a few questions for Ο. 3 you, unfortunately. If we could start by looking in your testimony, I believe it's page 2, but it will be 4 5 Question 6. 6 Α. Yes. 7 And here you describe your working Ο. knowledge of the Revised Code statute; is that 8 9 correct? 10 Α. That's right. 11 And is it your knowledge that under Ο. 12 Revised Code 4928.143(B)(2)(h), that Staff is 13 responsible to examine both the reliability of the 14 distribution system to ensure that the customers' 15 reliability expectations are aligned with the EDUs' 16 and that the EDUs are placing sufficient emphasis on dedicating sufficient resources to the reliability of 17 18 the system? 19 Staff examines those things. It's Α. 20 ultimately the Commission's responsibility to ensure 21 them. 22 But you would agree that as part of Q. 23 Staff, it is also your duty to examine both of those 24 items, correct? 25 Α. Yes.

1304 1 Ο. In reviewing this, you have attached a 2 residential survey and business survey, I believe that's conducted by Duke Energy Ohio, correct? 3 Α. 4 Yes. 5 Ο. Outside of that survey, did you look at 6 any other analysis to determine either of those two 7 factors that you were examining? 8 Α. No. Well, for the customer perception 9 piece, that piece that I looked at only included the 10 surveys. 11 And then what did the other piece Ο. 12 include? 13 Α. Examining Duke's reliability performance. 14 In examining Duke's reliability Ο. 15 performance, is it your understanding that Duke 16 Energy Ohio had standards in 2016 and 2017? 17 That's my understanding. Α. 18 Ο. And would you know what those standards 19 were off the top of your head? 20 Α. The standard for CAIDI was 122.81. The 21 standard for SAIFI was 1.05. 2.2 Ο. Thank you. 23 And is it your understanding that Duke 24 Energy Ohio missed both of those standards in 2017? 25 Α. Yes, that's my understanding.

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1	Q. 2	And is it also your understanding that
2	Duke Energy (Ohio missed their CAIDI standard in 2016?
3	A. 3	Yes.
4	Q. 1	Do you review any are you familiar
5	with Ohio Adr	ministrative Code 4901:1-10-26?
6	A. 3	Yes.
7	Q	So do you review what are known as Rule
8	26 filings?	
9	A. 3	In parts, yes.
10	Q. 2	And are you aware of Ohio Administrative
11	Code 4901:1-3	10-11?
12	A. 3	Yes.
13	Q. 2	And do you review Rule 11 filings?
14	A. 7	Yes.
15	Q. 9	So are you aware of Duke Energy Ohio's
16	8 8-percer	nt worst-performing distribution
17	circuits?	
18	A. 3	I couldn't tell you what they are right
19	now, but, yes	5.
20	Q. 1	But generally you have knowledge of them?
21	A. 7	Yes.
22	Q. 1	Have you reviewed Rider DCI as proposed
23	in the settle	ement?
24	A. 1	No.
25	Q	So you have done no calculations to

1306 determine if it will affect reliability? 1 2 Α. Rider DCI is outside the scope of my 3 testimony. Q. Have you reviewed any portion of the 4 5 proposed settlement to determine its effect on 6 reliability and "by any portion" -- let me rephrase. 7 I'm sorry. Let me clarify a little bit. 8 Have you reviewed any of the proposed riders in the settlement to determine if they will 9 10 affect reliability? Could you repeat that, please? 11 Α. 12 Q. Yes. 13 Are you aware of the proposed riders in 14 the settlement? I'm aware that Rider DCI continues. 15 Α. 16 Beyond that, not really. 17 So you're aware of no other proposed Q. rider within the settlement? 18 19 MR. LINDGREN: Objection, asked and 20 answered. 21 EXAMINER WALSTRA: Overruled. 22 I believe there's also a vegetation Α. 23 rider, but, again, I wasn't involved with riders. 24 And of the riders that you are aware of, Ο. 25 you have not analyzed them to review their effect on

1 reliability. 2 Α. I'm a little confused by the question. Their future impact on reliability? 3 Ο. Correct. 4 5 Α. We can't possibly know the impact on 6 reliability for the future. Too many other factors 7 enter into reliability performance. Is it your -- is it your opinion that 8 Ο. they will have some effect on reliability? 9 10 Α. I don't know. Would it be fair to say you've done no 11 Ο. 12 cost-effectiveness on any of the riders? I don't work with rates at all. 13 Α. 14 Did you participate in helping determine Ο. 15 the proposed CAIDI and SAIFI standards in the 16 settlement? 17 Could you repeat that, please? Or could Α. 18 I have it reread? 19 MR. WOLTZ: Karen, thank you. 20 (Record read.) 21 Α. The standards were proposed as part of a 22 package stipulation. And it's your understanding, under Ohio 23 0. 24 Administrative Code 4901:1-10-10(B), that utilities 25 are required to have reliability standards; correct?

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1	A. Yes, that's my understanding.
2	Q. And is it your understanding that those
3	standards are established using CAIDI and SAIFI?
4	A. Those standards are CAIDI and SAIFI.
5	Q. And in your understanding of CAIDI, are
6	major storms included or excluded?
7	A. They are excluded.
8	Q. And in your understanding, are the
9	outages due to transmission are transmissions
10	included or excluded?
11	A. Excluded.
12	Q. And is it true that momentary outages are
13	excluded?
14	A. Momentary outages, those that are less
15	than 5 minutes, are not definitional outages; so yes,
16	they are excluded.
17	Q. And they are measured by MAIFI, correct?
18	A. That's not a measure Ohio uses currently,
19	but, yes, that would be MAIFI.
20	Q. So can you explain for me what is
21	included in CAIDI?
22	A. All outage data that is not either
23	outages that occur on what's classified as a major
24	event day and are not transmission outages and are
25	not momentary outages. There are a lot of outages

1309 1 that do count; the majority. 2 Q. Thank you. Are you familiar with the term "Blue Sky" 3 as it applies to CAIDI --4 5 Α. I am. Ο. -- and SATET? 6 7 And can you describe to me what your 8 understanding of Blue Sky is? 9 Α. I think the term speaks for itself; in 10 which outages aren't weather-related. 11 So would you be of the opinion that the Ο. 12 EDU exercises great control over its CAIDI standards? 13 Let me rephrase that. That's not very clear. 14 Would you agree that outages that occur 15 under the Blue Sky, the utility has more control over 16 than others that are excluded from CAIDI standards. 17 Α. The reason major event days are excluded 18 from the standards is because it's understood that 19 those are quote-unquote act-of-God storms that the 20 utility can't control. 21 So outages that are not -- do not occur 22 on major event days, depending on the outage cause, 23 the utility has more control over. I wouldn't say 24 the utility has complete control over them because 25 things are unavoidable, but the utility would have

1310 1 more control. 2 Have you reviewed Duke Witness Ο. Mr. Brown's testimony in this case? 3 Yes, I have. 4 Α. 5 Ο. Is it your understanding that Mr. Brown's 6 testimony that in his calculations he proposed to 7 exclude planned outages? 8 Α. I am aware that's what he proposed, yes. 9 Ο. Do you agree that planned outages are in 10 the control of the company? 11 Α. I think that speaks for itself. A 12 planned outage is a controlled outage. 13 Ο. So would you agree with Mr. Brown's 14 proposal? 15 MS. WATTS: Your Honor, I am going to 16 object because I think it mischaracterizes the 17 testimony of Dr. Brown. 18 MR. WOLTZ: I'm willing to rephrase to 19 say are you -- "Do you agree with Mr. Brown's 20 proposal as you understand it?" And the witness just 21 stated that that was his understanding of Mr. Brown's 22 proposal. 23 MS. WATTS: Well, I object again because 24 I believe it mischaracterizes his testimony. 25 MR. WOLTZ: And I think we are just

1311 1 speaking to what the witness understands the 2 testimony to be. Whether it mischaracterizes or not, it's the understanding of the witness here that 3 that's what the testimony said. 4 5 EXAMINER WALSTRA: The witness can speak to his understanding and I think Dr. Brown's 6 7 testimony will speak for itself. The Ohio Administrative Code does not 8 Α. 9 currently allow for the exclusion of planned outages. 10 And if we can, give me one second. Ο. Ι 11 don't have the page numbers marked on my thing here, 12 so let me find the question. If we can turn in your 13 testimony on page 4, Question 12. And here you 14 discuss SAIDI and how it's calculated, correct? 15 Α. Correct. And Ohio does not use SAIDI to measure 16 Ο. 17 reliability for its standards under 4901:1-10-10, 18 correct? 19 SAIDI is not a standard that's required Α. 20 to be reported, but it is also the product of SAIFI 21 and CAIDI which are required. 2.2 And in your opinion, because CAIDI and Ο. 23 SAIFI are required, an EDU should work towards 24 meeting both their CAIDI and SAIFI standards, 25 correct?

1312 1 Α. That's Staff's expectation. And would it be your understanding also 2 Ο. 3 under 49 -- are you familiar with Administrative Code 4901:1-10-30? 4 5 Α. Not off the top of my head, no. If you 6 could refresh my memory. 7 MR. WOLTZ: May I approach, your Honor? 8 EXAMINER WALSTRA: You may. 9 Ο. If you would like to just take a moment 10 to look over that and let me know when you're ready. 11 Α. I'm ready. 12 And would it be your understanding, under Ο. 13 this rule, if an EDU missed their reliability 14 standards for two years or more, they could be 15 subject to forfeiture? 16 That's my understanding of this rule. Α. 17 Q. And do you have a general 18 understanding -- understanding of how the forfeiture works? 19 20 Α. No, I don't. 21 Ο. Would you know if the forfeiture is paid 22 by its shareholders of the EDU or the customers? 23 Α. I don't know. 24 But even not knowing, you would agree Ο. 25 that they're subject to forfeiture for missing

1 standards, correct? 2 Α. That's what this rule states. You recall earlier we had talked about 3 Ο. your review of the surveys to see if customer 4 5 expectations aligned with the utility, correct? Α. Yes. 6 7 Ο. And if I can walk you through a hypothetical. I apologize, it's going to be a little 8 9 long, but I think the issue is a little complex, so it calls for it. Let me know if, at any point, I 10 11 need to clarify anything. 12 But picture, if you would for me, that 13 out in the middle of nowhere, in Ohio, there's this 14 fort, and in the fort lives someone who is near and 15 dear to you, and the only way to access and visit this person of the fort is this railroad track and a 16 17 train that runs on the track. 18 And you are a very busy man, working for 19 Staff, so your time is very valuable to you, and you 20 have limited time to see this person, so you visit 21 them once a week. You pay the fee for the train and 22 you drive out there and you get to spend time with 23 them and you drive back and you are completely happy. 24 Well, one week the train shows up late. 25 Not a big deal, you understand, things happen. Ιt

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1314 still gets you there. You still get to spend time. 1 2 The second week, the train shows up late 3 again. And, in fact, it happens for a month. Now 4 you are in the second month and you are a little bit 5 annoyed because your time is valuable to you. The 6 train continues to show up late, but not only does it 7 show up late, but now it takes longer for it to get you there for some reason. And still the first week 8 9 you understand, you know, stuff happens. But it 10 continues on for the rest of the month. So now, for 11 two months, the train has been consistently showing 12 up later and getting you there later, meaning you 13 have less time to spend with this person. 14 The third month you hear that now they want to charge you more for your ticket on the train. 15 16 And that irks you a little bit because your time is 17 valuable to you. So you call and you want to discuss 18 with the manager or whoever it is. 19 Are you with me so far? 20 Α. I'm with you. 21 Excellent. Ο. 2.2 MS. WATTS: I'm not sure I am. 23 It's all about railroads. Q. 24 So you talk to someone, and they say, 25 "Well, unfortunately, we can't lower the price of the

1315 ticket of the train. It is what it is. But, in 1 2 fact, we're not only not going to lower the price, 3 but we will offer you this deal: If we can get you -- we are not going to get you -- we are not 4 5 going to show up on time and we are not going to get 6 you there any quicker, but we can do a little better. 7 We will require you to pay \$20 more when you get off the train when you get to the fort." 8 9 Do you think you, as a customer, your 10 expectations would be aligned with that railroad 11 company? 12 The price of railroad tickets is outside Α. 13 the scope of my testimony. 14 (Laughter all around.) 15 MS. WATTS: I'm sorry. I know you worked 16 hard for that one. 17 MR. WOLTZ: I spent a lot of time 18 thinking up that hypo. 19 Q. Given that it's outside the scope of your 20 testimony, you, as a customer, what would your 21 opinion be there? 2.2 MR. LINDGREN: Objection. He already 23 said he doesn't know what the answer is. 24 MR. WOLTZ: Your Honor, I would argue, 25 one, it's not outside the scope of his testimony. He

1316 1 testified that part of his duties and what he does is 2 recommend whether or not customers' expectations are aligned with the EDUs'. Here, I am asking a similar 3 situation to what's being proposed in the settlement. 4 5 And I'm -- it's simply a hypothetical. And outside 6 the scope or not, I don't think that's for the 7 witness to determine, but maybe his attorney to 8 object to. 9 Further, I'm just simply asking his 10 opinion. So to say he has no opinion on the issue 11 really diminishes his opinion in the testimony. 12 MS. WATTS: And, your Honor, I object 13 also. Mr. Woltz characterizes that as similar, but 14 I'm not sure it is actually analogous. 15 MR. WOLTZ: And I believe the Commission 16 is able to give it the weight it determines 17 appropriate. 18 EXAMINER WALSTRA: I am going to see how 19 much his opinion, about visiting forts by railroad, 20 hurts his credibility. I will allow the witness to 21 answer the best he can. 22 Α. My testimony addresses as far as 23 customers' perceptions -- excuse me. My testimony 24 addresses, as far as the customer perception surveys, 25 only reliability expectations, not cost expectations.

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And if we could turn then, staying on 1 Ο. 2 that, to your Attachment 2. I believe is the residential survey. And if we would look at page 6 3 of Attachment 2, I believe it is, and it's marked, 4 5 down in the corner, "Q2-2016." Let me know when 6 you're there. 7 Α. I'm there. And can you just briefly, I know I only 8 Ο. 9 picked one of them out of the many surveys that are 10 in here, explain to me your understanding of this 11 survey on page 6 or how you interpret it, I guess? 12 Duke surveys a set of customers per Α. 13 quarter to avoid seasonal bias which is why there are 14 multiple quarters of data on this chart. So to look 15 at second quarter 2015 and the question is how many 16 lengthy interruptions more than 5 minutes, it would be those that aren't momentary, would you consider 17 18 acceptable. 19 Looking at that first bar, I would 20 interpret that to be -- it's not in color, but 21 40 percent -- look at a color copy. I believe it's 22 40 percent say they would consider zero interruptions 23 to be acceptable, but let me look at my color copy 24 before I speak about that. 25 Again, looking at that first bar,

1318 1 40 percent of respondents stated that zero 2 interruptions would be acceptable; 29 percent stated 1 would be acceptable; 18 percent said 2; and so on 3 and so forth. That's how I interpret that chart. 4 5 Ο. And you're on page 6 with me as well, 6 correct? 7 Α. Yes. 8 Q. And there it's discussing the length, not 9 the number, correct? 10 Α. "How many lengthy interruptions of more 11 than 5 minutes...?" Are we on the same page? 12 Sorry. I just misread it. You're right. Q. 13 Α. That's the number of interruptions. 14 So when you interpret this survey, do you Ο. 15 only look at the blocks at 40 percent or would you look at staying in the first column, 202015? Would 16 17 you interpret it as only 40 percent or would you look 18 at the almost 70 percent? 19 The analysis I conducted of these surveys Α. 20 used a weighted average to determine an average 21 answer, so I look at the entire block. 2.2 MR. WOLTZ: And if I can have just one 23 moment, your Honor. 24 EXAMINER WALSTRA: Sure. (By Mr. Woltz) I think I might have just 25 Q.

1319 1 one or two more questions for you. 2 Earlier you had mentioned that you don't review any costs of the riders; is that correct? 3 Α. That's correct. 4 5 Ο. Would you know who on Staff would be 6 better suited for that question? 7 I think it depends on the rider. Α. If we were discussing Rider DCI? 8 Ο. 9 Α. Those questions should be directed to 10 Staff Witness McCarter. And if we were talking about ESSR which 11 Ο. 12 is the vegetation management rider? 13 Α. Another Staff is testifying to that, but I don't remember which one. I believe. 14 15 MR. WOLTZ: Thank you. No further 16 questions, your Honor. 17 MS. WATTS: Yes, thank you, your Honor. 18 I just have one real quick question. 19 EXAMINER WALSTRA: Sure. 20 21 CROSS-EXAMINATION 22 By Ms. Watts: Mr. Nicodemus, do you recall being asked 23 Ο. 24 about the calculation of CAIDI and SAIFI with respect 25 to the removal of major event day statistics?

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1320 1 Α. Yes. 2 And with respect to that calculation, Ο. after you removed the major event day events from the 3 calculation, the remaining events can still be 4 5 weather-impacted, correct? 6 Yes, absolutely. The major event day Α. 7 classification is a definition per IEEE; is an 8 industry-accepted calculation. There are a number of 9 storms that are not major event storms. As a matter 10 of fact, I would say the majority of storms are not 11 major event storms. 12 MS. WATTS: Okay. Thank you. That's all 13 T have. 14 EXAMINER WALSTRA: Any redirect? 15 MR. LINDGREN: Could we have a minute to confer, your Honor? 16 17 EXAMINER WALSTRA: Sure. We'll go off 18 the record. 19 (Discussion off the record.) 20 EXAMINER WALSTRA: We'll go back on the 21 record. 22 MR. LINDGREN: Thank you. 23 24 25

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1	REDIRECT EXAMINATION
2	By Mr. Lindgren:
3	Q. Mr. Nicodemus, do you know what the ESSR
4	is?
5	A. It's the vegetation rider proposed in
6	this case.
7	Q. Thank you.
8	And is it your opinion that vegetation
9	management plan can improve overall reliability?
10	MR. WOLTZ: Objection, your Honor. He
11	testified earlier that he did not review the
12	vegetation management rider, that he did not review
13	any riders and their effect on reliability, and now
14	he's changing his testimony while on the stand after
15	I've not had an opportunity to cross him on that. I
16	think it's outside the scope of what he has
17	previously testified to.
18	MR. LINDGREN: I believe he only
19	testified he didn't review any of the cost aspects
20	contained in the riders.
21	MR. WOLTZ: I originally started my
22	questioning if he reviewed them as they relied as
23	they affected reliability and he had stated that he
24	did no analysis of such.
25	EXAMINER WALSTRA: Address this on

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1322 1 recross. 2 Thank you, your Honor. MR. WOLTZ: 3 MR. LINDGREN: What was your ruling? EXAMINER WALSTRA: He will have the 4 5 opportunity to address on recross. 6 MR. LINDGREN: Thank you. 7 (By Mr. Lindgren) So, Mr. Nicodemus, do Ο. 8 you believe that a vegetation management plan can 9 improve overall reliability? 10 A vegetation management plan, in action, Α. 11 will have the effect of reducing vegetation-related 12 outages which will improve overall reliability. 13 Ο. Thank you. 14 And are you familiar with Rider DCI? 15 Α. Somewhat, yes. 16 And do you know what it's basically for? Q. 17 Α. It's a distribution capital investment 18 rider. 19 And is it your understanding that Ο. 20 investments in a distribution system can improve 21 overall system reliability? 2.2 Yes. Not investing in a distribution Α. 23 system basically guarantees that reliability will get 24 worse. 25 MR. LINDGREN: Thank you. I have no

	1323
1	further questions.
2	EXAMINER WALSTRA: Thank you.
3	MR. WOLTZ: Thank you, your Honor.
4	
5	RECROSS-EXAMINATION
6	By Mr. Woltz:
7	Q. Do you recall just now when you were
8	asked about the ESSR Rider?
9	A. Yes.
10	Q. Do you know if there is a requirement in
11	this proposed settlement that the ESSR Rider have any
12	effect on reliability?
13	A. Not that I'm aware of. If there is, you
14	can point me to it, but
15	Q. Have you I'm sorry. Go ahead.
16	A. Per the stipulation, there are
17	reliability standards going forward in place and
18	those improve from going forward.
19	Q. But you have not done any independent
20	analysis on whether the ESSR will help improve the
21	reliability standards?
22	A. As I stated, a vegetation management
23	program in action will improve reliability by
24	reducing vegetation-related outages.
25	Q. You are familiar with Duke Energy Ohio's

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1	vegetation management program?
2	A. Very vaguely.
3	Q. In your vague understanding of Duke
4	Energy Ohio's vegetation management program, are you
5	aware that they've missed their tree-trimming cycle
6	goal in 2017?
7	A. That's my understanding.
8	Q. Are you also aware they missed their
9	tree-trimming goal in 2016?
10	A. I didn't know that subject to check.
11	Q. And then would it be your opinion that
12	missing tree-trimming goals would have a negative
13	impact on reliability?
14	A. Just as meeting vegetation goals,
15	tree-trimming goals will reduce vegetation-related
16	outages. Not meeting those goals has the potential
17	to increase vegetation-related outages.
18	Q. And are you aware that under the proposed
19	settlement, the parties are proposing changing from a
20	four-year cycle to a five-year cycle?
21	A. Yes, I believe I've heard.
22	Q. Have you done any analysis what that
23	will the effect that that will have on
24	reliability?
25	A. I've not.

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1325 And it's my understanding that your prior 1 Ο. 2 testimony is still consistent; you have not examined any cost related to the ESSR, correct? 3 I've not done a cost/benefit analysis for 4 Α. 5 any of the riders. I only look at reliability. And 6 reliability, per the stipulation, improves. 7 And then do you know when you were asked Ο. about Rider DCI? 8 9 Α. Which question about Rider DCI? 10 Q. From your counsel just previously, just 11 in general. 12 Α. Yes. 13 Ο. So are you aware of the Rider DCI as it 14 was prior to this new proposed settlement? 15 Α. I'm aware that it exists. I believe it came out of a 2014 case. 16 17 Are you aware of the 19 programs that Ο. 18 were approved under Rider DCI? 19 Α. In general. 20 Q. And have you done any analysis to 21 determine if those 19 programs had any effect on Duke 2.2 Energy's reliability? 23 Α. It's difficult to say. So many factors 24 impact reliability. It could very well be that 25 reliability -- Duke's reliability would have been

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worse absent the DCI. It's impossible to make a 1 2 one-to-one correlation between dollars spent and 3 CAIDI improvement, for example. And when you say "Duke's reliability 4 Ο. 5 could have been worse," it also could have been the 6 same, correct? 7 Α. It could have been. I don't know. For 8 the last two years, Staff has conducted analysis of 9 Duke's CAIDI and SAIFI, but CAIDI, and was not able 10 to definitively say or conclude why Duke's CAIDI has 11 done what it has or why its SAIFI has done what it 12 has; but to say that it's the fault of or because of 13 the DCI, I don't know. 14 And when you say Staff has done an Ο. 15 analysis, has Staff investigated rider DCI, or is it 16 just through the rider reviews, the audits, annual 17 audits? 18 I've not been involved with the audits of Α. 19 Rider DCI. 20 And are you aware of, I believe it's 21 Ο. 21 programs now proposed under Rider DCI in the 2.2 settlement? 23 No, I was not aware there were additional Α. 24 programs. 25 Q. But you are aware that the 19 programs

1 will continue.

A. I believe I've heard that in testimony onanother day.

Q. And is it fair to say that you have not done any analysis on how those 19 programs in the future will affect reliability?

7 Again, I think you are trying to make a Α. one-to-one analysis or correlation between dollars 8 9 spent and reliability improvement. We don't know 10 what reliability is going to look like in the future, 11 what other factors will affect Duke's reliability. 12 There is a, per the stipulation, an agreement to 13 submit a work plan, for Duke to submit a work plan to Staff which will allow Staff to look at where Duke is 14 15 spending the money. And you discuss work plans, have you 16 Ο.

16 Q. And you discuss work plans, have you 17 reviewed Duke's previously-filed work plans?

A. I believe --

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MS. WATTS: Objection. Objection, your Honor, as it's unclear what "previously-filed work plans" Counsel is referring to. I don't believe there are any. EXAMINER WALSTRA: Could you be more

24 specific?

MR. WOLTZ: Yeah.

1328 When you discuss "work plans," do you 1 Ο. 2 include in your definition of "work plans," filings under Rule 20 -- Rule 26 filings that are filed under 3 4901:1-10-26? 4 5 Α. No. Per the stipulation, starting in I 6 believe the end of this year, Duke is going to be 7 submitting to Staff, or perhaps filing, I'm not sure, a work plan which lays out where they expect to do 8 9 improvements per Rider DCI. 10 And just to clarify something you just Ο. 11 said, you said you're not sure if they will be filing 12 or just submitting it to Staff; is that correct? 13 Α. Give me a moment and I can check. 14 Beginning December 2018, Duke Energy Ohio 15 will file an annual report, the work plan, that lays 16 out the programs under Rider DCI. 17 Ο. And in our discussion just now, you had 18 pointed to the proposed settlement and said there are 19 proposed CAIDI and SAIFI standards moving forward and 20 that the expectation is that they will improve, 21 correct? 22 Overall reliability will improve. CAIDI Α. 23 is increasing -- excuse me -- Duke's CAIDI standard 24 is increasing, but at the same time SAIFI is 25 decreasing. The overall impact will be improved

1329 1 reliability for all Duke customers. 2 And just so the record is clear, under Ο. 3 the PUCO rules, Duke is required to meet CAIDI and SAIFI, correct? 4 5 Α. That's what the rule is, yes. And we had discussed earlier, along these 6 Ο. 7 lines, about the -- as it relates to this, you 8 reviewed Mr. Brown's testimony, correct? 9 Α. Yes. 10 And you are aware that he says there is a Q. 11 likelihood Duke will not be able to meet these CAIDI 12 standards, correct? 13 MR. LINDGREN: Objection. That's outside 14 the scope of my redirect. 15 MR. WOLTZ: And, your Honor, this is just 16 flowing from our conversation we've had here on 17 recross about the proposed CAIDI standards and the 18 fact that if -- they have done no analysis on whether 19 the vegetation management program will have actual 20 impact on it, they will have done no analysis on 21 whether DCI, the witness has testified that it's hard 2.2 to determine what the future will have, and then he 23 spoke of these new proposed standards, and I am 24 simply asking if he is aware that the standard, 25 themselves, may be flawed in the fact that Duke's own

1330 witness said they will have a rough -- unlikely 1 2 success in meeting the CAIDI standard. 3 MS. WATTS: And, your Honor, I object as 4 well, because I believe we have gone way beyond the 5 scope of redirect questions. 6 EXAMINER WALSTRA: I'll overrule, but 7 we're getting to that. 8 MR. WOLTZ: Thank you, your Honor. 9 THE WITNESS: What was the question 10 again, please? 11 MR. WOLTZ: Can you read it back for me, 12 Karen, please? 13 (Record read.) 14 Α. I'm aware that's Dr. Brown's opinion. Duke agreed to these standards as part of a 15 16 stipulated agreement, so it's Staff's expectation 17 that Duke will meet them. 18 Ο. Thank you. 19 And just one final question, so just so 20 we're consistent and clear on the record. I believe 21 we had discussed this earlier with the ESSR and your 22 previous cross, but you have done no cost analysis of 23 Rider DCI, correct? 24 I don't work with rates, cost riders at Α. 25 all.

1331 MR. WOLTZ: Thank you, Mr. Nicodemus. No 1 2 further questions. 3 EXAMINER WALSTRA: Thank you. Thank you. MR. LINDGREN: Your Honor, I move for the 4 5 admission of Staff Exhibit 3. EXAMINER WALSTRA: Any objections? 6 MS. WATTS: No objection. 7 8 EXAMINER WALSTRA: Hearing none, it will be admitted. 9 10 (EXHIBIT ADMITTED INTO EVIDENCE.) 11 MR. BEELER: One second, your Honor. Ιf 12 you don't mind. EXAMINER CATHCART: Okay. 13 14 EXAMINER WALSTRA: We'll be off the 15 record. (Discussion off the record.) 16 17 EXAMINER WALSTRA: We'll go back on the 18 record. 19 EXAMINER CATHCART: Staff, would you like 20 to call your next witness. 21 MR. BEELER: Thank you, your Honor. The 22 Staff would call Joseph Buckley to the stand. 23 (Witness sworn.) 24 EXAMINER CATHCART: You may be seated. 25 MR. BEELER: May I have marked, as Staff

1332 Exhibit 4, the direct testimony of Joseph P. Buckley 1 2 in response to objections to the Staff Report. 3 EXAMINER CATHCART: So marked. 4 (EXHIBIT MARKED FOR IDENTIFICATION.) 5 JOSEPH P. BUCKLEY 6 7 being first duly sworn, as prescribed by law, was examined and testified as follows: 8 9 DIRECT EXAMINATION 10 By Mr. Beeler: 11 Q. Good morning, Mr. Buckley. 12 Α. Hello. 13 Ο. Please state your name for the record. 14 My name is Joseph Buckley. Α. 15 Q. What is your position at the Commission? I'm a Utility Specialist 3. 16 Α. 17 Do you have -- do you have in front of Ο. you what has been marked as Staff Exhibit 4? 18 19 Α. I do. 20 Q. What is it? 21 Α. It's my prefiled testimony. 22 And was it prepared by you or under your Ο. direction? 23 24 Α. It was. 25 Q. Is it true and accurate to the best of

1333 1 your knowledge? 2 Α. Yes. 3 Do you have any corrections or changes? Q. Not at this time. 4 Α. 5 Q. If I asked you the same questions today, 6 would your answers be the same? 7 Α. They would. 8 MR. BEELER: No further questions. The 9 witness is available for cross. Thank you. 10 EXAMINER CATHCART: Thank you. 11 Mr. Oliker. MR. OLIKER: Thank you, your Honor. 12 13 14 CROSS-EXAMINATION 15 By Mr. Oliker: Mr. Buckley, just a few questions for you 16 0. 17 this morning. Am I correct that your testimony 18 addresses the return on equity calculation recommended by the stipulation and Staff? 19 20 Α. It's part of it, yes. 21 Ο. Are there any other portions of the Staff 22 Report for which you had responsibility preparing? 23 Α. No. 24 And, therefore, you are not offering any Ο. 25 testimony in support of any other portion of the

1334 Staff Report, correct? 1 2 Α. No. 3 MR. OLIKER: Okay. Thank you, your 4 Honor. No more questions. 5 EXAMINER CATHCART: Thank you. 6 7 CROSS-EXAMINATION 8 By Mr. Michael: 9 Mr. Buckley, if I could draw your Ο. 10 attention to page 4, lines 5 through 8 of your 11 testimony. Let me know when you are there, please. 12 Α. I'm there. 13 Ο. And you state in there about how the 14 return on equity keeps the company more competitive 15 for attracting investment. Do you see that? 16 Α. Yes, I do. 17 Q. And does the return on equity also assist 18 the company in accessing capital? 19 Theoretically, yes. Α. 20 Q. Okay. And when you do your analysis, do 21 you take that potential consideration regarding 22 return on equity into account? 23 Α. Yes. 24 And on line 10, Mr. Buckley, you 0. 25 reference an individual component. Do you see that?

	1335
1	A. Yes.
2	Q. What is the individual component to which
3	you are referring there?
4	A. It could be any individual component
5	made that makes up, for example, the CAPM
6	calculation. There's multiple components in the
7	calculation or the formula, I guess, there's multiple
8	components. So that's what I'm referring to when I
9	say "components."
10	Q. Okay. So you didn't have any individual
11	component in particular in mind when you made that
12	reference there; just any number of individual
13	components?
14	A. It could be any of them, yes.
15	Q. Okay. So did you alter any component,
16	Mr. Buckley, and run an analysis to see if it created
17	a return outside a reasonable range?
18	A. When I am doing these calculations, I'm
19	looking at a variety of factors and I do a variety of
20	calculations. Almost ad nauseam. I will do
21	different things different ways. I don't have those
22	up here with me, but I do make calculations using a
23	variety of factors to try to come up with what I
24	think is a reasonable conclusion.
25	I always try to go back to precedent and

1336 1 look to see what was done in the past. And I would 2 prefer to use those precedents, but if it is 3 producing a number that is what I would say reckless, then I don't want to just use what we've done in the 4 5 past, just because we've done it in the past, when it 6 produces something that's not appropriate. 7 Did you read Dr. Duann's testimony filed Ο. 8 in this case, Mr. Buckley? 9 Α. Yes. It's been a while, so I can't 10 really quote specific things in it, but I did read it 11 at one point. 12 Okay. Did you -- did you incorporate any Ο. 13 of Dr. Duann's suggestions into an analysis of a 14 proposed return on equity? 15 Α. There are not a lot of people in this 16 field that do rate of return. On occasion, I will 17 talk to Dan and we will talk about different things. 18 I'm struggling to remember whether we talked about 19 anything specifically in regard to this case, but we 20 talk occasionally. I talk with other people 21 occasionally about what we're doing, what problems 22 we're having, so I can't recall specifically if we 23 talked about Duke at this time, but we do talk. 24 And around the office he is known as Ο. 25 "Dr. Duann." So just to be sure, when you said

1337 "Dan," you meant Dr. Daniel Duann, correct? 1 2 Α. I'm sorry, yes. 3 Q. No need to apologize. I wanted to make 4 sure. 5 Α. It takes a lot of hard work to earn that 6 distinction and he deserves it. 7 Ο. If you would please turn to page 5 of your testimony, Mr. Buckley. And I want to draw your 8 9 attention to line 9 and your reference there to cost 10 of issuance. 11 Α. Yes. 12 Is the cost of issuance known at the time Ο. 13 of issuance? 14 Α. The -- the -- it may be able to be 15 calculated. I don't know whether it's -- it is 16 calculated that way, but it may be able to be 17 calculated. Those are costs that are, at some point, 18 billed to the company, I would assume. Does the cost of issuance of a stock 19 Ο. 20 change over time or is it known as of a date certain? 21 Α. The cost -- there is not a specific cost 22 for every aspect of an issuance. So, over time, they 23 would change. So when you issue equity in 1965 and 24 when you issue equity now, those costs would not be 25 the same. I don't know if that's the question. But

1338 if you issue it in 1964, those were the costs. 1 2 Okay. When was the stock issued that Ο. 3 you're analyzing the cost of issuance on page 5 in 4 paragraph 9? 5 Α. I don't know. 6 Ο. How is the price of a stock set at 7 issuance? I can't -- I can't answer that. 8 Α. 9 Ο. If you would please turn, Mr. Buckley, to 10 page 6, line 2 of your testimony. And I want to direct your attention to the reference, 9.79 percent, 11 12 on that line, Mr. Buckley. Do you see that? 13 Α. T do. 14 That includes vertically-integrated Ο. 15 utilities, right, which is to say generation and 16 distribution? 17 Α. Yes. Some of the companies that make up 18 that average are vertically-integrated. 19 And the ROE in the proposed settlement Ο. 20 is, I believe, 9.84 percent; is that true? 21 Α. Subject to check, yeah. 22 Ο. Why didn't Staff use the average that you discuss in lines 1 through 4? 23 24 Α. I don't know. 25 Ο. If I could draw your attention,

1339 Mr. Buckley, to page 6, lines 7 and 8, please. 1 2 Α. Yes. 3 Ο. You reference in there "When a range of reasonableness is applied to that average," do you 4 5 see that? 6 Α. T do. 7 Is that "range of reasonableness" a term Q. of art, or what is the source of setting what is the 8 range of reasonableness? 9 10 THE WITNESS: Can I have that reread? 11 (Record read.) 12 Could you rephrase the question? Α. 13 Q. Certainly. 14 You state in that part of your testimony, 15 Mr. Buckley, applying -- my words -- applying a range 16 of reasonableness to that average, correct? 17 Α. Correct. 18 And I'm trying to figure out where that Ο. 19 range of reasonableness comes from. 20 Α. That's based on precedent that the Staff 21 has always offered a range around a midpoint that we 2.2 have we feel like is reasonable. 23 Okay. And how is that range determined? Q. 24 It's 50 basis points in either direction. Α. 25 Q. Okay. And regarding the discussion on

1340 1 pages 5 through -- excuse me -- lines 5 through 10, on page 6 of your testimony, Mr. Buckley, why didn't 2 3 Staff use the average? In the stipulation? 4 Α. 5 Ο. Yes, sir. 6 I don't know. Α. 7 Q. I'll let you guess if Dan was involved in 8 any of these questions, I am about to ask you, 9 Mr. Buckley. 10 When you prepare a rate of return 11 analysis, you generally follow some well-defined 12 methodologies, such as DCF or CAPM, in estimating the 13 ROE and ROR, correct? 14 Correct. We usually refer to it as "CAP" Α. "М." 15 You were doing the same thing in 16 Ο. 17 estimating the reasonable rate of return for Duke 18 Ohio in this case, correct? 19 Α. Correct. 20 Did you, Mr. Buckley, draft any portion 0. 21 of the rate of return analysis in the Staff Report 2.2 that was submitted in the AIR case? 23 Α. I did. 24 In preparing the Staff Report, you did 0. 25 not compare the Staff's recommended ranges in ROE and

1341 ROR with the national average ROE and ROR for 1 2 electric utilities, right? 3 As part of the general knowledge base or Α. whatever, I run reports occasionally, usually not 4 5 every quarter, but occasionally, maybe every so 6 often, to see what the averages are, and what's being 7 granted, and kind of the trends that are happening. 8 So I am aware of those when I am drafting the Staff 9 Report, but I don't use those as part of my analysis. 10 Okay. So you didn't make the comparison, Ο. 11 correct? 12 Α. I know what they are. So do I sit down 13 and compare them? Yeah, I mean, I know what the averages are nationwide. I don't use those in 14 15 setting the rate though. 16 Q. Okay. 17 Α. Or producing the rate. 18 And neither you, nor the Staff Report, Ο. 19 mentions the comparison with the national average, 20 correct? 21 Α. Correct. 22 You're familiar with OCC's five Ο. 23 objections to the Staff Report, correct, Mr. Buckley? 24 Not intimately, but, yeah, I can find Α. 25 them out. I've got -- I think I mentioned them in my

1342 1 prefiled testimony. 2 But in your testimony that was filed by Ο. Staff as an exhibit, you do not respond to all of 3 those objections specifically, correct? 4 5 Α. I don't know if I respond to them 6 specifically, but I think in general I try to touch 7 upon all of them. Okay. You don't respond specifically to 8 Ο. 9 the objection regarding the risk-free rate, correct? 10 Α. I think I do respond to it. Okay. Could you point me to where, 11 Ο. 12 Mr. Buckley? 13 Α. Staff made adjustments. I'm sorry, Mr. Buckley, could you please 14 Ο. 15 give me a page number so I can follow along with you? I'm sorry. Page 4 starting on line 5. 16 Α. 17 Okay. 18 And is your response limited to what you Q. 19 say in lines -- to the extent it is a response --20 lines 5 through 8? 21 Α. I believe it is a response. 22 Okay. And Mr. Beeler and I will deal Q. 23 with that in our briefing, but what you believe is 24 the response, is that lines 5 through 8? 25 Α. I would say that it would continue down

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1 through 11. 2 Ο. Okay. Do you respond, Mr. Buckley, to OCC's objection regarding the risk premium in your 3 testimony? 4 5 Α. Could you be more specific about the risk 6 premium? 7 Yes. So in your ROE analysis, you take Ο. account for a risk premium, which is to say the 8 9 riskiness of the investment you're analyzing? 10 MR. BEELER: Do you know what page number 11 or line number you're on? 12 MR. MICHAEL: Well, I don't, Mr. Beeler, 13 and the reason why is I am just trying to go through 14 what exactly Mr. Buckley did address and what 15 Mr. Buckley did not address, and it's my impression 16 that Mr. Buckley did not address an objection 17 regarding risk premium. So, unfortunately, I am not 18 going to be able to point you to any part in his 19 testimony to that effect, but if the witness feels he 20 did address it, I am giving him that opportunity to point it out to me. 21 22 MR. BEELER: Could you clarify the 23 question maybe? Would that help? Maybe if the 24 witness -- maybe if the witness can clarify somehow. 25 MR. MICHAEL: Sure.

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1 Ο. (By Mr. Michael) Mr. Buckley, you're 2 aware that OCC asserted an objection to the Staff Report regarding risk premium it -- risk premium, 3 correct? 4 5 Α. What I'm struggling with is the 6 definition of "risk premium." There's a -- in the 7 CAPM formula, within the parentheses, sometimes that's called risk premium. I don't know if you are 8 9 speaking of that or some other risk premium. 10 That's a fair point. I'm referring Ο. No. 11 to the risk premium in the parentheticals for the 12 CAPM. 13 Α. And the question is what again? 14 I'll lay a foundation by asking first, Ο. 15 Mr. Buckley, you're aware that OCC asserted an 16 objection to the Staff Report regarding that risk 17 premium. Correct. 18 Α. 19 Okay. And in your testimony you do not 0. 20 respond to that objection, correct? 21 Α. I believe I do respond to it. 22 Okay. And could you please point that Ο. 23 out to me, Mr. Buckley. 24 I would say it's lines 5 through 11. Α. 25 Q. On what pages, Mr. Buckley?

1345 I'm sorry. Page 4. 1 Α. 2 5 through 11? Q. 3 Α. Yes. And, Mr. Buckley, you're aware that OCC 4 Ο. 5 asserted an objection to the Staff Report regarding 6 the weighting of DCF and CAPM results, correct? 7 Α. Correct. 8 Q. And did you respond in your testimony to that objection? 9 10 Α. I believe I did respond to it. 11 Ο. Okay. And can you point me to that part 12 of your testimony, please, Mr. Buckley? 13 Α. On page 5, when I talk about the overall 14 rate of return and how it's calculated, I point to 15 national averages, so it would continue on page 6, 16 lines 1 through 14. 17 Ο. Okay. And explain to me how that 18 responds to OCC's objection regarding the weighting of DCF and CAPM. 19 20 Α. As I stated before, you can get into a 21 quagmire when you start talking about individual 22 factors that go into calculating a rate of -- a 23 return on equity range. So arguing piece parts 24 doesn't advance the process. It's the overall return 25 that we're concerned with. So if someone were to

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1	argue one component and say that that component is
2	wrong and you need to change that component, there's
3	other factors that have to go into changing each
4	component. It's not just one component that you can
5	change and come up with the correct answer. There's
6	a variety of different factors that go into producing
7	a sound number.
8	Q. Mr. Buckley, if I could draw your
9	attention to page 4 of your testimony and in
10	particular lines 11 through 13. And including the
11	citation to the footnote there. Let me know when you
12	are there, please.
13	A. I am there, yeah.
14	Q. Is it your position, Mr. Buckley, that so
15	long as Staff's recommended results are reasonable,
16	then the objections raised by OCC are immaterial as
17	you state there in your testimony?
18	A. Correct.
19	Q. What do you mean by "immaterial" when you
20	use that word there?
21	A. That I the word "immaterial" means
22	that it's we didn't take those into consideration.
23	Q. Okay. So because you thought OCC's
24	objections were immaterial, you mean to say that you
25	didn't take those objections into consideration?

1347 We didn't take the individual -- the 1 Α. 2 individual objections would go to, again, the piece parts that go into the calculation. Overall, we read 3 the objections, we studied them, and tried to 4 5 understand what -- what the objections were. We 6 found that OCC was arguing a lot about different 7 piece parts of calculations. And if you change one piece part, the entire calculation needs to be 8 9 rereviewed. So the immaterial aspect is the 10 piece-part argument where you're talking about 11 individual components of a calculation such as the 12 CAPM calculation. 13 Ο. Well, you would agree, Mr. Buckley, that a calculation is only as good as its individual 14 15 components, correct? The individual components of a 16 Α. 17 calculation are important. 18 You've heard the phrase "garbage in, Ο. 19 garbage out," right? 20 Α. I've heard a lot of different phrases 21 talking about different calculations. 2.2 Well, I mean, a calculation is a Q. function --23 24 Α. I was not finished with my response. 25 Q. I apologize. Go ahead.

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1	A. I've heard a lot of different call
2	comments about different calculations that go into
3	mathematical and economic equations. This this is
4	not a pure mathematical exercise. There is some art
5	in the numbers that are being produced and, like I
6	said before, we can't go back to what's been done in
7	the past and continue to use that if it produces
8	reckless results. So we have to, at some point, look
9	at the results to make sure that they are not
10	reckless. If we simply go back to what we did 10
11	years ago and say this is the way we are going to do
12	it all the time, it would produce reckless results
13	currently.

14 Okay. I appreciate that, Mr. Buckley, Ο. 15 and at least for purpose of this questioning I am not 16 asking about going back 10 years. I'm talking about the objections Ohio Consumers' Counsel made within 17 18 the last six months. And focusing on that, my 19 question is: Given that you've pointed, on numerous 20 occasions, to altering individual components of a 21 calculation and how that could get people into a 22 quagmire, you would concede that a calculation is 23 only as good as its individual components, right? 24 MR. BEELER: I believe he answered that 25 question, your Honor. Objection.

1349 MR. MICHAEL: And, your Honor, if I could 1 2 just respond real quickly. 3 First off, I don't believe Mr. Buckley 4 answered the question. 5 And then second off, in response to my 6 question, he was talking about going back 10 years 7 and breaking from precedent and reckless results, and I wanted to redirect and refocus the witness, for his 8 9 benefit, to the question and answer session on what I 10 am actually asking about which is OCC's objections proposed, you know, no more than six months ago. 11 12 EXAMINER CATHCART: I'm going to overrule 13 the objection. He can answer to the best of his 14 ability. 15 MR. MICHAEL: Thank you, your Honor. 16 THE WITNESS: Could you restate the 17 question, please, or reread the question, please. 18 (Record read.) 19 In this case, the result of the Α. 20 calculation is more important than the individual 21 components of that formula are. 2.2 But the results are a function of the Ο. 23 individual components, right, Mr. Buckley? 24 Α. Correct. 25 Q. Do you -- you use the word to describe

1350 OCC's objections, Mr. Buckley, as "immaterial." And 1 2 my question is: Would you agree that "immaterial," a 3 synonym, as you are using it there, might be "insignificant"? 4 5 Α. I don't think I would characterize it as 6 insignificant. It's more of the overall. The 7 overall objections of OCC were studied, contemplated, so I wouldn't characterize them as insignificant. 8 9 It's just, in total, we looked at the overall result 10 and not the individual components. I think trying to expand on the word "immaterial" is -- it is not 11 12 appropriate. 13 Ο. Okay. And you certainly won't say that 14 OCC's objections were irrelevant, correct? 15 Α. Not in total, no. 16 Q. In part? 17 Α. I'm trying to address that by saying that 18 we -- we looked at them, we studied them, we 19 understood them and took them into account when we were making our -- when we were discussing this case. 20 21 It's the -- the "immaterial" word, that I 22 think we are kind of hung up on, relates to the piece 23 parts of the calculation. 24 Okay. Do you agree that no single rate Ο. 25 of return can be considered as fair and reasonable at

1351 1 all times? 2 Α. I would agree with that. 3 Q. And so, the reasonable rate of return does change over time, given the changes in the 4 financial markets and economic conditions, correct? 5 Α. Correct. 6 7 Ο. So a reasonable rate of return, two years 8 ago, might not be a reasonable rate of return today, correct? 9 10 Α. Correct. 11 And a reasonable rate of return, five 0. 12 years ago or ten years ago, wouldn't necessarily be 13 reasonable today, correct? 14 Α. It wouldn't necessarily be reasonable. 15 One of the reasons I think you need to look at a 16 longer horizon than just one year, though, is because 17 rate cases typically aren't filed on a yearly basis. 18 They are typically filed on a more staggered basis. 19 That's one of the reasons why, when you are looking 20 at averages and things like that, you should look to 21 a longer term than just one year. But I would agree 22 with you that, yes, the calculations change and the 23 averages change every year. 24 And you would agree that no single rate Ο. 25 of return can be considered as fair and reasonable

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1	for each individual electric utility, correct?
2	A. That's that's correct. That's one of
3	the reasons we try to use comparables.
4	Q. So a fair rate of return for AEP may not
5	necessarily be a fair rate of return for Duke Ohio,
6	correct?
7	A. I think you would study each company on a
8	case-by-case basis to determine what is fair and
9	reasonable and what is not fair and reasonable.
10	Q. Okay. So a fair rate of return for AEP
11	may not be necessarily a fair rate of return for Duke
12	Ohio, correct?
13	A. They could have the same return, but you
14	would want to look at them individually to see what
15	the appropriate return is for that company's level of
16	risk and financial health. And I don't want to just
17	stop at those factors. There's a variety of factors
18	we would look at.
19	Q. And that's the reason why we have
20	separate analyses for each rate case regarding the
21	proper rate of return for a regulated utility,
22	correct?
23	A. Correct.
24	Q. I want to take you back, if I could,
25	Mr. Buckley, to page 6 of your testimony, line 2, and

1353 your discussion about average ROE. Do you see that? 1 2 Α. I do. 3 Ο. What is the source for the average ROE that you are discussing there? 4 5 Α. SNL Financial. On page 6, line 13 of your testimony, 6 Ο. 7 Mr. Buckley, I would like to draw your attention there. Let me know when you are there, please. 8 9 Α. I'm there, yeah. 10 Ο. You use the term "long-term rate of return." Do you see that? 11 12 Α. I do. 13 Q. What do you mean by that? 14 Again, I was trying to convey the fact Α. that rate cases aren't filed every year, so you need 15 16 to look at a longer horizon than just one or two 17 years. So it would be a more long-term rate of 18 return. 19 And is there such a thing as short-term Ο. 20 rate of return in the utility context for ratemaking 21 purposes? 2.2 I don't know whether I have ever heard Α. 23 that term used. 24 Is the phrase "long-term rate of return" Ο. 25 commonly used in literature of rate of return

1354 1 analysis? 2 THE WITNESS: Can -- can I have that 3 question reread, please? (Record read.) 4 5 Α. Based on the fact I took an oath to 6 answer only with the truth, I don't know. 7 Okay. It wasn't used in the Staff Q. Report, correct? 8 9 Α. I don't think so. 10 Ο. It wasn't used in Dr. Morin's testimony, 11 correct? 12 Α. I don't know that. 13 Q. And Dr. Duann's testimony, it was not in that testimony, correct? 14 I don't know that either. 15 Α. Is your -- your testimony is not related 16 Ο. to the proposed settlement, correct, Mr. Buckley? 17 18 Α. It is not. 19 And you take no position on either Ο. 20 opposing or supporting the overall settlement, 21 correct? 2.2 Α. Not -- not with his testimony, no. 23 You agree that the cost of debt paid by Q. 24 Duke's customers will not be reduced before the next 25 rate case, even if the cost of debt for Duke were

1355 1 reduced as a result of the improvement of Duke's 2 credit rating, correct? 3 THE WITNESS: Can you reread the 4 question? 5 MR. MICHAEL: I'll restate, your Honor, 6 if that would be helpful. THE WITNESS: Okay. Thank you. 7 8 Are you aware, Mr. Buckley, that Duke's Q. 9 credit rating is at issue as part of the settlement 10 that brings us all here today? 11 Α. There are a slew of factors that go into 12 credit ratings. Whether this is being part of that, 13 I don't know. I would imagine a -- a positive out --14 outcome, the credit rating agencies would look 15 favorably upon, but I don't know if that's a deciding 16 factor on how they are rated in this case. 17 Ο. Okay. Cost of debt is part of the -- one 18 of the considerations that somebody like you would 19 make in rate setting, correct? 20 Α. Correct. 21 Ο. Okay. And if Duke's cost of debt 22 improves as a result of this case, Duke's customers 23 will not realize any benefit from that reduced cost 24 of debt until Duke's next rate case, correct? 25 Α. If Duke's cost of debt were to -- to

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1	decrease, it would not have an effect on the the
2	rates that are set here.
3	Q. Right. And what I am trying to figure
4	out is when consumers would benefit, if ever, as a
5	result of a lower cost of debt for Duke, and my
6	question is: Is the answer "Not until Duke's next
7	rate case"?
8	A. I believe that's true. I don't know how
9	the riders are are set, to be honest you with.
10	But I believe that's true.
11	Q. Okay. Are you familiar with any other
12	U.S. Supreme Court decisions, other than the Hope
13	decision, as they relate to rate cases?
14	A. I am aware of other cases where rate of
15	return is discussed, but I can't cite them off the
16	top of my head.
17	Q. Mr. Buckley, you would agree that
18	consumer interests cannot be disregarded in
19	determining what is a just and reasonable rate,
20	correct?
21	A. I don't understand that question. I'm
22	sorry.
23	Q. Okay. That's fine. We'll walk through
24	it.
25	So when you are doing your ROE and ROR

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1 calculation, consumer interests cannot be disregarded 2 when making that calculation and analyzing the results of that calculation, correct? 3 4 Α. I mean, I would assume that the company 5 would want a number that is higher, and we're trying 6 to come up with a number that is fair both to the company and the people that are paying that rate. 7 So those considerations are taken into account to try to 8 9 come up with a fair rate. 10 Okay. And it's conceivable that a return Ο. 11 to the company of the cost of service not -- might 12 not be just and reasonable to consumers, correct? 13 MS. PASHOS: I'd like to object at this 14 point. It seems like we're way beyond Mr. Buckley's 15 testimony which addresses return on equity. 16 MR. MICHAEL: And I think, your Honor, 17 that Witness Buckley, not surprisingly, just 18 suggested that when they are analyzing a proposed 19 rate, they're balancing the interests of the company 20 and what is fair for the people that are going to be 21 paying the rates. And that's not surprising. 22 And the follow-up question is given those 23 balancing of considerations; hence, the question that 24 I asked. So it's directly related to how rates are 25 set for public utilities, not only in the State of

1358 1 Ohio but in every state in the Union. 2 MS. PASHOS: But it's not related to his 3 testimony. MR. MICHAEL: He testifies on ROE and ROR 4 5 and how it's set. EXAMINER CATHCART: I'm going to overrule 6 7 the objection. The witness can answer to his 8 understanding. 9 MR. MICHAEL: Thank you, your Honor. 10 THE WITNESS: Could you reread the 11 question, please. 12 (Record read.) 13 Α. I think you could -- that you could --14 that a rate -- return on equity or rate of return 15 could be considered too high, so it could be granted that it was too high. I don't think the Ohio Staff 16 17 would do that. But I think there is a number that 18 would be too -- that we would deem too high. 19 And by "too high," just to clarify what 0. 20 you mean, Mr. Buckley, you are saying too high 21 relative to it being not just and reasonable to 22 consumers, correct? 23 Yeah. At some point we would -- a number Α. 24 could be created that was -- we would think would be 25 unfair to the customers. That's why, you know, we

1359 1 wouldn't grant a 20-percent ROE for any of our 2 healthy utilities at this point because we think that 3 would be too high. So we would try to balance the aspects of the customers, the company, and other 4 5 interested parties. MR. MICHAEL: And, your Honor, I would 6 7 move to strike everything after it was either "Yeah" 8 or "Yes." The first part of his response. 9 MR. BEELER: And, your Honor, he was 10 perfectly answering the question. It was posed to 11 him and that was his direct response. 12 EXAMINER CATHCART: I am going to deny 13 the motion to strike. The witness was clarifying his 14 answer. 15 MR. MICHAEL: Thank you, your Honor. 16 No further questions. 17 Thank you, Mr. Buckley. 18 MS. PASHOS: I have a few questions. 19 20 CROSS-EXAMINATION 21 By Ms. Pashos: 22 Do you recall answering questions to some Q. 23 extent about credit quality and if a utility's 24 financing costs are reduced between rate cases, who 25 benefits from that? Do you recall that line of

1360 1 questions? 2 Α. I do. 3 MR. MICHAEL: I object, your Honor. Ι was asking about when the benefits would be realized, 4 5 not if. 6 EXAMINER CATHCART: Overruled. T'11 7 allow the question. (By Ms. Pashos) Would you agree -- over 8 Ο. 9 the long term, who benefits from a utility's lower 10 financing costs? 11 I believe the utility would benefit. Α. 12 Again, if rates were reset, the customers would 13 benefit. Having a healthy utility is not -- is not a 14 bad thing. Having a utility that's -- that's --15 setting rates so a utility can achieve the highest 16 bond rating might not be the best thing either. We 17 try to balance all parties and all customers and come 18 up with returns that we think are reasonable. 19 Ο. And does a utility and its customers 20 benefit -- let me back up. 21 If a utility has good credit quality, do -- does the utility and its customers benefit not 22 23 only from presumably reasonable financing terms, but 24 also from access to capital? 25 Α. To a point. You don't want -- I mean,

1361 1 you could -- you could create rates that would 2 improve the credit quality, but, again, at what cost to customers? And there's other things that can 3 improve that credit quality besides just setting 4 5 rates. There's things that the utility can -- can do 6 to help its own credit rating outside of rates also. 7 But, in general, a healthy utility, financially, 8 should benefit everyone. 9 Ο. Do you recall discussing, a few minutes 10 ago, overall rates of return as well as returns on 11 equity? 12 Yes, we have been discussing that. Α. 13 Ο. And am I -- is it fair to say that an 14 overall rate of return, in addition to one piece of 15 that calculation being return on equity, another 16 piece is cost of debt, and another -- and yet another 17 piece is capital structure; would you agree? 18 Α. Yes. 19 And are you aware of whether the OCC, in 0. 20 this case, has objected either to Duke Energy Ohio's 21 cost of debt or their capital structure? 2.2 I don't recall that. Α. 23 Do you also recall discussing basically 0. 24 that not all utilities have or should have the same 25 return on equity? There are differences between

1362 1 utilities. Do you recall that kind of discussion? 2 Α. There was a discussion regarding that, 3 yes. Would you agree there are some generic or 4 Ο. 5 similar parts of a return on equity analysis? And by 6 that I mean something like the risk-free rate of 7 return? Is that something that is more common to utilities than unique to utilities? 8 9 Α. There are a lot of factors that go into 10 setting a rate of return. A reasonable -- what we 11 would consider a reasonable rate of return. The fact 12 that they're in the same industry, that is one 13 factor. So to say that, you know, utilities have 14 more in common than don't, I'm not sure that that's 15 appropriate because there are companies at different 16 levels of financial health. But they are in the same 17 industry and that is a factor. 18 So there -- would it be fair to say there Ο. 19 are some similarities on return on equity analyses 20 and some differences on a utility-by-utility basis? 21 MR. MICHAEL: Objection, asked and 2.2 answered. 23 MR. OLIKER: Your Honor, I have let some 24 of this cross go a little bit, but a lot of these 25 questions sound like something that would be subject

1363 to a redirect rather than a cross-examination. 1 And 2 if they are questions that the Staff counsel wants to ask Mr. Buckley, I think it would be appropriate, but 3 I don't think it's appropriate for Duke to be asking 4 5 these questions now. MS. PASHOS: Well, I think I have an 6 7 opportunity to cross-examine the witness. 8 MR. OLIKER: Only if it's adverse. You 9 can't do redirect in cross-examination. 10 EXAMINER CATHCART: I'll allow a little 11 bit of latitude, but it is getting close. 12 MS. PASHOS: Okay. I will try to finish 13 this up quickly. 14 (By Ms. Pashos) Are you aware of any Ο. 15 other electric distribution companies in Ohio that 16 currently have an authorized return on equity below 17 10 percent? 18 I don't have those calculations up here Α. 19 with me, and I don't commit them to memory, so I 20 can't comment on those. 21 Ο. They are what they are, right? 22 They are what they are, yeah. So if --Α. 23 if they want to be used, they can be found. 24 Q. Being from Indiana and not practicing 25 here all the time, am I right that in this -- in this

1364 case and in other cases where Staff offers testimony 1 2 and a report, the Staff is making a recommendation, 3 kind of like another party does, and it's the Commission that ultimately makes the decision? 4 5 Α. Yes. Q. Then I have one final very minor 6 7 question. You talk -- talk about issuance costs in 8 9 your testimony. When you say -- use that phrase 10 "issuance cost," is that the same as flotation costs? 11 Α. I don't believe it is, no. 12 MS. PASHOS: Okay. Thank you, 13 Mr. Buckley. 14 EXAMINER CATHCART: Thank you. 15 Let's take a recess until 11:30 before 16 redirect and let's go off the record. 17 (Discussion off the record.) 18 EXAMINER CATHCART: So let's go back on 19 the record. 20 MR. BEELER: No redirect, your Honor. 21 EXAMINER CATHCART: Thank you. 22 MR. BEELER: At this point, Staff would move for the admission of Staff Exhibit 4 into the 23 24 record. 25 EXAMINER CATHCART: Any objections?

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1	MS. WATTS: No objections.
2	EXAMINER CATHCART: Hearing none, it will
3	be admitted.
4	(EXHIBIT ADMITTED INTO EVIDENCE.)
5	EXAMINER WALSTRA: Staff, call your next
6	witness.
7	MR. LINDGREN: Thank you, your Honor.
8	The Staff next calls Matthew Snider to the stand.
9	(Witness sworn.)
10	EXAMINER WALSTRA: Have a seat.
11	MR. LINDGREN: May I approach?
12	EXAMINER WALSTRA: You may.
13	MR. LINDGREN: Staff Exhibit 5.
14	EXAMINER WALSTRA: So marked.
15	(EXHIBIT MARKED FOR IDENTIFICATION.)
16	
17	MATTHEW SNIDER
18	being first duly sworn, as prescribed by law, was
19	examined and testified as follows:
20	DIRECT EXAMINATION
21	By Mr. Lindgren:
22	Q. Mr. Snider, do you have before you the
23	document I have marked as Staff Exhibit 5?
24	A. I do.
25	Q. And is that your prefiled testimony?

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1	A. Yes, it is.
2	Q. Was that testimony prepared by you or at
3	your direction?
4	A. It was.
5	Q. And do you have any changes or
6	corrections to this testimony?
7	A. I do not.
8	Q. So if I were to ask you all the questions
9	contained in this exhibit, this morning, would your
10	answers be the same?
11	A. They would.
12	MR. LINDGREN: Thank you.
13	And subject to cross-examination, I would
14	move for the admission of Staff Exhibit 5.
15	EXAMINER WALSTRA: Thank you.
16	MS. WHITFIELD: Can the witness turn on
17	the microphone? Thank you.
18	EXAMINER WALSTRA: Mr. Oliker.
19	MR. OLIKER: Thank you, your Honor.
20	
21	CROSS-EXAMINATION
22	By Mr. Oliker:
23	Q. Good morning, Mr. Snider.
24	A. How's it going?
25	Q. Just a few questions about your testimony

1367 today. Am I correct you speak about the residential 1 2 customer charge? 3 Α. I do not believe I speak about the 4 residential customer charge. I speak more about the 5 billing determinants across all tariffs. 6 Okay. And with respect to your Ο. 7 testimony, am I correct that it relates to the Staff 8 Report? 9 Α. Yes, it does. 10 And are there any other portions of the Ο. 11 Staff Report that you're responsible for preparing? 12 Α. It's mainly revenue. I did work with a 13 team on some of the income taxes as well. 14 When you say "mainly revenue," what do Ο. 15 you mean by that? Really just verifying the billing 16 Α. 17 determinants that are contained on the Schedule E-4s 18 across all the tariffs. 19 And when you refer to the revenue on E-4, Ο. 20 you are referring to the billing determinants in 21 order to ensure the company collects its revenue 2.2 requirements? 23 More verifying that in the -- in the test Α. 24 year, that the billing determinants that the company 25 proposed are a fair representation of the sales and

1368 customers during that test year period. 1 2 In the income tax portion of the Staff Ο. Report that you are referring to, are you discussing 3 the impact of the change in corporate tax rate from 4 5 35 percent to 21 percent? 6 Α. No. T would not. 7 Ο. Which portion in income tax are you 8 speaking? 9 MR. LINDGREN: Objection. This sounds 10 outside the scope of his direct testimony. 11 MR. OLIKER: Your Honor, as we've 12 discussed, there are certain evidentiary requirements 13 applicable to parties in a distribution rate case. 14 With respect to the Staff Report, although it's 15 admitted into evidence, it also must be sponsored by 16 evidence; otherwise, it's subject to being stricken. 17 And I am simply exploring the portions of the Staff 18 Report that he had responsibility for preparing. 19 EXAMINER WALSTRA: I don't know if you 20 have established he is actually responsible for it. 21 I think he said he worked on a team. MR. OLIKER: Well, happy to do that, your 22 23 Honor. 24 (By Mr. Oliker) Mr. Snider. 0. 25 Α. Yes.

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1	Q. Were you responsible for any of the
2	sections in the Staff Report regarding income taxes?
3	A. I don't know if I was. I mean, we had a
4	team that worked on it. There was responsibility.
5	Yes and no, I guess.
6	Q. Who else was on the team?
7	A. Jonathan Borer, I believe.
8	Q. Anyone else?
9	A. There was management that was leading the
10	audit as well; we would have discussed it with them.
11	Q. Who was on that team?
12	A. David Lipthratt.
13	Q. Anyone else?
14	A. Upper management; Tammy Turkenton.
15	MR. OLIKER: Okay. Those are all the
16	questions I have, your Honor. Thank you.
17	EXAMINER WALSTRA: Thank you.
18	Mr. Michael.
19	MR. MICHAEL: Thank you, your Honor.
20	
21	CROSS-EXAMINATION
22	By Mr. Michael:
23	Q. Mr. Snider, I would like to draw you to
24	page 3 of your testimony, starting on line 4. Let me
25	know when you are there.

1370 1 Α. I'm there. 2 And you included, in Staff's adjustment, Q. 3 an increase of 19,853 to the RS bill count, correct? Α. I did. 4 5 Ο. And that increase to the bill count is 6 because you used the actual bill count for the test 7 year, correct? 8 Α. Correct. And the company, in its application, used 9 Ο. 10 eight months of actual bill count and four months of 11 budget, correct? 12 Α. Yes. 13 Ο. Your testimony is consistent with the 14 adjustment in the Staff Report, correct? 15 Α. Yes, it is. You're familiar with the term 16 Ο. 17 "annualizations," correct, Mr. Snider? 18 Α. T am. 19 If Duke's employees experience wage 0. 20 increases during a test year, Staff would analyze 21 those increases for the entire test year, correct? 2.2 Α. Yes, but that is an expense adjustment, I 23 would like to point out. 24 That means if Duke's employees Ο. 25 experienced a wage increase during the last month of

1371 the test year, Staff would reflect that increase as 1 2 if the employees were making that increased amount for the entire year, correct? 3 If it was known and measurable, we would 4 Α. 5 typically make that expense adjustment. 6 MR. MICHAEL: Your Honor, may I have 7 permission to approach the witness, please? 8 EXAMINER WALSTRA: You may. MR. MICHAEL: And I would like to have 9 10 this marked as OCC Exhibit 10. 11 EXAMINER WALSTRA: It will be so marked 12 as Exhibit 10. 13 (EXHIBIT MARKED FOR IDENTIFICATION.) 14 Ο. (By Mr. Michael) Mr. Snider, we have 15 before you what was previously marked as OCC Exhibit 10. And that is Staff-DR, which stands for Data 16 17 Request, correct, 35-001, correct? 18 Α. Yes, correct. 19 And were you involved in propounding this Ο. 20 Data Request to Duke Energy Ohio? 21 Α. Yes, I believe so. 22 Okay. And did you review the responses Ο. 23 to Staff Data Request 35? 24 Α. I would have. 25 Q. And have you taken the opportunity,

1372 1 Mr. Snider, to look through this document a little 2 bit, so I may question you about it? No, I have not. 3 Α. Would you please do so, including the 4 Ο. 5 responses. 6 EXAMINER WALSTRA: I believe his name is 7 "Snider." 8 MR. MICHAEL: What I did I say? 9 EXAMINER WALSTRA: "Schneider." 10 MR. MICHAEL: Oh, I apologize. 11 Q. Okay. Thank you, Mr. Snider. 12 I would draw your attention, if I could, 13 Mr. Snider, to the third page of Exhibit 10 and that 14 would be customer bills for 2014. It's the third 15 page of the exhibit. 16 MS. WATTS: Oh, okay. 17 Α. I am on page 4, but yes. 18 Fourth page of the exhibit, I'm sorry. Q. 19 And I want to -- my questioning will be 20 directing your attention, Mr. Snider, to lines 1 21 through 7 and the -- where it says "Total 22 Residential," that's the -- that's reflective of the 23 total residential bills for each month of 2014, 24 correct? 25 MR. LINDGREN: Objection. The OCC

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counsel is attempting to question the Staff witness
 about the company's response, and these questions
 should have been directed to the company witness who
 prepared this response, Mr. Riddle.

5 MR. MICHAEL: Your Honor, I think I 6 established the fact that it was Mr. Snider who was 7 involved in propounding the request to the company. 8 It was a Staff Data Request. Mr. Snider admitted 9 that he reviewed the information in the Data Request. 10 The objection to which Mr. Snider is responding from 11 OCC has to do with annualizing the RS number. And 12 what I am doing is laying a foundation to explore why 13 Mr. Snider responds as he does, if he is the one 14 involved in propounding the request, he reviewed the 15 request, and he's responding to the objection related 16 to the request, I think it's perfectly fair for us to 17 explore his testimony and ask him questions about the 18 document he was involved in asking for and analyzing.

MS. WATTS: Your Honor, I would join the objection to the extent OCC is attempting to get a Duke Energy Ohio exhibit into the record without properly questioning the appropriate Duke Energy Ohio witness with respect to his own work in this discovery response.

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MR. LINDGREN: Mr. Snider was involved in

1374 preparing the question, but not involved in preparing 1 2 the response. 3 MR. MICHAEL: No, but he was involved in 4 analyzing the response. 5 And I should add just very briefly, your 6 Honor, I also questioned the witness about his 7 annualization, and ultimately that's where I'm going 8 to get, but I believe it's necessary, in the interest 9 of the record and for the Commission to have a full 10 and robust record before it, to lay some foundational 11 questions about this subject matter. 12 MR. LINDGREN: Your Honor, Counsel hasn't 13 established the witness even used this response in 14 formulating his testimony. 15 MR. MICHAEL: But I am permitted to 16 cross-examine the witness about what he did do and 17 I'm five questions into laying the foundation in 18 order to do that. I have every opportunity to fully cross-examine the witness about what the witness 19 20 said, and what the witness said is that we shouldn't 21 annualize RS. 2.2 EXAMINER WALSTRA: I'll allow him to 23 continue to lay the foundation. 24 MR. MICHAEL: Thank you, your Honor. 25 Ο. (By Mr. Michael) And, Mr. Snider, you do

1375 1 not have a calculator with you, correct? 2 Α. I do not. 3 MR. MICHAEL: Okay. May I approach the witness, your Honor, to avoid another calculator 4 incident? 5 6 EXAMINER WALSTRA: You may. 7 There you are, Mr. Snider. Q. 8 Thank you. Α. 9 Ο. Mr. Snider, I've given you an adding 10 machine, and I would like you to confirm for me that 11 the total RS bill count for 2014 is 7,672,294. 12 Α. You really want me to add up 12 months of 13 639 -- I can take your word for it, subject to check. 14 Ο. Okay. That would be fine. 15 And would you be willing to do the same 16 thing, Mr. Snider, if we were to turn to 2015, that the, subject to check, the total RS bill count is 17 18 7,725,507? 19 I'll take your word for it. Α. 20 Q. Okay. And would you take my word for it, 21 subject to check, that the delta between '14 and '15 22 in customer bill count represents an increase of 23 53,113 bills? 24 Α. Yes. 25 Q. And would you agree with me, subject to

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1	check, Mr. Snider, that the bill count for 2016 is
2	7,790,549?
3	MS. WATTS: Say that again, please.
4	MR. MICHAEL: Certainly.
5	Q. Would you agree with me, subject to
6	check, that the total RS bill count for 2016 is
7	7,790,549?
8	A. Yes.
9	Q. And would you agree with me, Mr. Snider,
10	subject to check, that that would represent an
11	increase of 65,142 bills over the year 2015?
12	A. I did not write down your 2015 annual
13	number, but I will
14	Q. Subject to check.
15	A. Subject to check.
16	Q. And you're aware, Mr. Snider, that the
17	test year for this case, actual, were for the years
18	April 2016 through March 2017, correct?
19	A. Yes, that's correct.
20	Q. And, subject to check, you would agree
21	that the total RS bill count for that portion was
22	7,805,816?
23	A. And I assume you are taking that from
24	April to November of actual and then the updated
25	actuals?

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1377 1 MS. WATTS: And, your Honor, as a point 2 of clarification, can I ask what Counsel means by "that portion"? 3 Yeah. And to Counsel's question, as I 4 Ο. 5 said, it would be April 2016 through March 2017, the 6 actual test year months. I can reask the question, 7 Mr. Snider, if you got lost. 8 Α. If you would. 9 Ο. Certainly. 10 Would you agree with me, subject to 11 check, that the total RS bill count for the actual 12 test year, April 2016 through March 2017, is 13 7,805,816? 14 Subject to check, yes. Α. 15 Q. Okay. So we went through the deltas and 16 the increase in the bill count for those separate 17 years. Would you agree with me that if you 18 annualized the RS bill count using the last month of 19 the test year, that would be consistent with Staff's 20 treatment in annualizing wage increases that occurred 21 during the test year? 2.2 MS. WATTS: Your Honor, could I have the 23 question reread, please? 24 EXAMINER WALSTRA: You may. 25 (Record read.)

1378 1 MS. WATTS: And, your Honor --2 MR. LINDGREN: I am going to object to 3 that question. That's outside the scope of his testimony and his involvement in this case. 4 5 MS. WATTS: And I join that objection. 6 MR. MICHAEL: What we're talking about 7 here, your Honor, is the concept of annualizing. One of the objections that OCC raised and suggestions 8 9 that OCC made was annualizing the RS bill count based 10 on the last month of the test year to reflect 11 residential growth. I asked the witness, earlier in 12 his testimony, if he was familiar with the concept of 13 annualizing and specifically gave the witness an 14 example about annualizing wage increases. And I'm 15 simply asking the witness now whether or not 16 annualizing bill count would be consistent 17 conceptually with annualizing wage increases. So I 18 think it's consistent with his testimony and 19 consistent with the objection and the witness's 20 response to that objection. 21 MS. WATTS: And, your Honor, the 22 witness's familiarity with annualizing wage increases 23 does not relate to whether or not the Staff, in fact, 24 annualized wage increases in the Staff Report. 25 MR. MICHAEL: Again, it's the concept of

1379 1 annualizing I am getting to, your Honor. 2 MS. WATTS: So, otherwise, there is 3 apples and oranges in the comparison. 4 EXAMINER WALSTRA: I agree with 5 Ms. Watts. 6 (By Mr. Michael) Would you agree with me, Ο. Mr. Snider, subject to check, that annualizing the RS 7 bill count using the month of March 2017, the last 8 9 actual month in the test year, would result in a bill 10 count of 7,843,056? 11 Α. Can you repeat that number? 12 Certainly. 7,843,056. Q. 13 Α. Subject to check, I believe so. 14 Okay. Would you agree with me, Ο. 15 Mr. Snider, subject to check, that would represent an increase of 52,507 bills over the year 2016? 16 17 Α. This is over the year 2016 and not the 18 test year, correct? 19 That's correct. Ο. 20 Α. Subject to check, yes. 21 Ο. Okay. And would you agree with me that that increase in bills is consistent with the 22 23 historical increases that we've gone through 24 throughout the course of my questioning of you here 25 today, subject to check?

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1	A. I'm not sure.
2	Q. Why not?
3	A. I think it's a little speculative to
4	assume that one month is indicative of future growth
5	by the company.
6	Q. Okay. And I want to take you back to the
7	question I actually asked you which is if we were to
8	compare the increase in bills, year over year, based
9	on a March using the March 2017 annualized bill
10	count with and comparing that to the 2016 bill
11	count, if that increase would be more consistent with
12	what historically what I walked through with you
13	earlier from '14 through '17?
14	A. While I feel while I do agree it may
15	fall more in line with the 2014, 2015, I still
16	believe that it would be unreasonable for Staff to
17	apply historical growth to the RS bill count.
18	MR. MICHAEL: Your Honor, I would move to
19	strike everything in that response after when he
20	started talking about what he thought was reasonable.
21	If his counsel wants to ask him about that on
22	redirect, that's fine, but he responded to my
23	question prior to hypothesizing about what he thought
24	was reasonable or not.
25	MR. LINDGREN: I believe the witness

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1381 should be permitted to explain his answer. 1 2 EXAMINER WALSTRA: I'll deny the motion 3 to strike. MR. MICHAEL: Thank you, your Honor. 4 5 I have no further questions, your Honor. Thank you, Mr. Snider. 6 7 MS. WATTS: No questions, your Honor. 8 EXAMINER WALSTRA: Thank you. 9 MR. LINDGREN: May we have a moment to 10 confer? 11 EXAMINER WALSTRA: Sure. We'll go off 12 the record. 13 (Discussion off the record.) 14 EXAMINER WALSTRA: We will go back on the 15 record. 16 Any redirect? 17 MR. LINDGREN: No redirect, your Honor, and I would move for the admission of Staff Exhibit 18 19 5. 20 EXAMINER WALSTRA: Thank you. 21 Any objections? 2.2 MS. WATTS: No objection. 23 EXAMINER WALSTRA: It will be admitted. 24 (EXHIBIT ADMITTED INTO EVIDENCE.) 25 MR. MICHAEL: Your Honor, we move -- OCC

1382 moves for the admission of OCC Exhibit 10. 1 2 EXAMINER WALSTRA: Any objections? 3 MR. LINDGREN: Yes. Staff objects. 4 MS. WATTS: And the company objects, your 5 Honor. This is obviously an exhibit that should have 6 been used with Duke Energy Ohio's Witness Mr. Riddle, 7 and was not used then, so it should not be in the 8 record now. 9 MR. MICHAEL: We went through these 10 objections earlier, your Honor, and my response would be the same. This witness was involved in 11 12 propounding the discovery request. He was involved 13 in analyzing the discovery request. And it's 14 perfectly permissible to ask questions about 15 documents not only of the person that wrote it but 16 also the person that asked for it and received it. 17 This is a Data Request from Staff. I was asking the 18 witness from Staff who was involved in propounding a 19 request and the one responsible for analyzing it. 20 The fact, your Honor, that he MS. WATTS: 21 was responsible for analyzing it does not relate to the fact -- does not speak to the fact as to whether 2.2 23 it relates to his testimony. 24 MR. LINDGREN: Also the Staff witness 25 can't vouch for the numbers contained in the company

1 response. He didn't prepare it.

2	MR. MICHAEL: I mean, yeah, the whole
3	discussion was again, your Honor, what brought us
4	here was OCC's objection regarding annualizing the
5	March 2017 RS bill count number. And I think based
6	on cross-examination of the witness, it's certainly
7	helpful for the Commission to analyze the impact of
8	annualizing the RS bill count whether it should or
9	shouldn't be done. And, I don't know, is Duke going
10	to walk away from the accuracy of its responses that
11	it gives under oath to an interrogatory?
12	MS. WATTS: Mr. Michael, if OCC had an
13	issue with respect to annualizing bill count, then
14	OCC should have a witness that testifies to that
15	regard. It's not the company's responsibility to
16	make OCC's case for it.
17	MR. MICHAEL: I think we did, and I just
18	cross-examined a witness. We can make our case
19	through cross-examination as well.
20	And, your Honor, I would also point out,
21	I apologize for interrupting your deliberations, I
22	would note there are no objections in the actual
23	written discovery response; simply additional
24	confirmation regarding the veracity.
25	MS. WATTS: And, your Honor, that's

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     absolutely not relevant to the question that is
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 2
     before the Bench.
 3
                 EXAMINER WALSTRA: I'm going to deny
     admission. I believe Mr. Riddle has already
 4
 5
     testified. It was not brought up then. This didn't
 6
     really speak to the numbers. He just confirmed
 7
     additions of numbers. I think his testimony is more
     towards the concept and didn't go this far into it,
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9
     so I will deny admission of OCC Exhibit 10.
10
                 MR. MICHAEL: Can we proffer OCC Exhibit
11
     10, please, your Honor, to the extent we want to
12
     address that issue in our brief, please?
13
                 EXAMINER WALSTRA: You may.
14
                 MR. MICHAEL: Thank you. So proffered.
15
                 EXAMINER WALSTRA: We'll go off the
16
     record.
17
                 (Discussion off the record.)
18
                 (Thereupon, at 12:02 p.m., the hearing
19
     was adjourned.)
20
21
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1	CERTIFICATE
2	We do hereby certify that the foregoing is a
3	true and correct transcript of the proceedings taken
4	by us in this matter on Tuesday, July 17, 2018, and
5	carefully compared with our original stenographic
6	notes.
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8	
9	Karen Sue Gibson, Registered Merit Reporter.
10	
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12	Carolyn M. Burke, Registered Professional Reporter.
13	
14	(KSG-6582)
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Summary: Transcript in the matter of the Duke Energy Ohio, Inc. hearing held on 07/17/18 - Volume VII electronically filed by Mr. Ken Spencer on behalf of Armstrong & Okey, Inc. and Gibson, Karen Sue Mrs.