BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application Seeking

Approval of Ohio Power : Case No. 14-1693-EL-RDR

Enter into an Affiliate : Power Purchase Agreement : for Inclusion in the Power: Purchase Agreement Rider. :

In the Matter of the Application of Ohio Power:

Company for Approval of : Case No. 14-1694-EL-AAM Certain Accounting Authority.

PUBLIC REDACTED VERSION OF CONFIDENTIAL PROCEEDINGS

before Ms. Greta See and Ms. Sarah Parrot, Attorney Examiners, at the Public Utilities Commission of Ohio, 180 East Broad Street, Room 11-D, Columbus, Ohio, called at 9:00 a.m. on Friday, October 2, 2015.

VOLUME V

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1248 1 APPEARANCES: 2 American Electric Power By Mr. Steven T. Nourse 3 Mr. Matthew J. Satterwhite and Mr. Matthew S. McKenzie 1 Riverside Plaza, 29th Floor 4 Columbus, Ohio 43215 5 Porter, Wright, Morris & Arthur LLP 6 By Mr. Daniel R. Conway 41 South High Street 7 Columbus, Ohio 43215 Ice Miller 8 By Mr. Christopher Miller 9 250 West Street Columbus, Ohio 43215 10 On behalf of the Ohio Power Company. 11 McNees, Wallace & Nurick LLC 12 By Mr. Frank P. Darr and Mr. Matthew R. Pritchard 13 21 East State Street, 17th Floor Columbus, Ohio 43215 14 On behalf of the Industrial Energy Users 15 of Ohio. 16 Vorys, Sater, Seymour & Pease, LLP By Mr. M. Howard Petricoff Ms. Gretchen Petrucci 17 Mr. Stephen M. Howard and Mr. Michael J. Settineri 18 52 East Gay Street 19 Columbus, Ohio 43215 20 On behalf of Retail Energy Supply Association, PJM Power Providers Group, 21 Electric Power Supply Association, Constellation NewEnergy, and Exelon 22 Generation, LLC. 23 24 25

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1251 APPEARANCES: (Continued) 1 2 Boehm, Kurtz & Lowry By Mr. Michael L. Kurtz 3 36 East Seventh Street, Suite 1510 Cincinnati, Ohio 45202 4 On behalf of the Ohio Energy Group. 5 Environmental Law & Policy Center By Ms. Madeline Fleisher 6 21 West Broad Street, Suite 500 7 Columbus, Ohio 43215 8 Environmental Law & Policy Center By Mr. Justin M. Vickers 9 35 East Wacker Drive Suite 1600 Chicago, Illinois 60601 10 On behalf of the Environmental Law & 11 Policy Center. 12 Ohio Poverty Law Center By Mr. Michael R. Smalz 13 555 Buttles Avenue Columbus, Ohio 43215 14 On behalf of the Appalachian Peace and 15 Justice Network. 16 FirstEnergy Corp. By Mr. Mark Hayden 17 and Mr. Scott J. Casto 76 South Main Street 18 Akron, Ohio 44308 19 On behalf of the FirstEnergy Solutions Corp. 20 Direct Energy 21 By Ms. Jennifer L. Spinosi 21 East State Street, 19th Floor 22 Columbus, Ohio 43215 23 On behalf of Direct Energy Business, LLC, and Direct Energy Services, LLC. 24 25

1252 1 APPEARANCES: (Continued) Bruce J. Weston, Ohio Consumers' Counsel By Mr. William J. Michael Mr. Kevin F. Moore 3 and Ms. Jodi Bair. 4 Assistant Consumers' Counsel 10 West Broad Street, Suite 1800 5 Columbus, Ohio 43215-3485 Bricker & Eckler, LLP 6 By Mr. Dane Stinson 7 100 South Third Street Columbus, Ohio 43215-4291 8 9 On behalf of the Residential Consumers of the Ohio Power Company. 10 Mr. Richard L. Sites 155 East Broad Street 11 Columbus, Ohio 43215 12 Bricker & Eckler, LLP By Mr. Thomas J. O'Brien 13 100 South Third Street 14 Columbus, Ohio 43215-4291 On behalf of the Ohio Hospital 15 Association. 16 Thompson Hine 17 By Mr. Michael Austin 41 South High Street, Suite 700 Columbus, Ohio 43215 18 19 On behalf of Buckeye Power. Mike DeWine, Ohio Attorney General 20 By Mr. William L. Wright, 21 Section Chief Mr. Steven L. Beeler 22 and Mr. Werner L. Margard, III, Assistant Attorneys General 23 Public Utilities Section 180 East Broad Street, 6th Floor 24 Columbus, Ohio 43215 25 On behalf of the Staff of the PUCO.

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                  (REDACTED PORTION )
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                  EXAMINER SEE: Let's go back on the
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11
      record.
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                  Ms. Fleisher.
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                    FURTHER CROSS-EXAMINATION
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      By Ms. Fleisher:
             Q. All right, Mr. Thomas, so I have a
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      document which is a discovery response
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      from AEP. It's ELPC INT 3-12 in which you're listed
      as a responding witness. I'm not going to show you
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      the document because it contains OVEC confidential
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      information that you're not permitted to see, but I'm
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      going to read you some entries from it that are not
22
      related to OVEC and ask you some questions about
23
24
      that --
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             A.
                  Okay.
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Q. -- if that will work. So the request 1 2 this is responding to is: "For each of the PPA 3 Units, identify whether the unit experienced any outages during January 6, 7, or 8, 2014; January 4 7 or 8, 2015; or February 19 or 20, 2015. For 5 6 each identified outage, identify the duration of the 7 outage and the cause of the outages reported to PJM." 8 So I have a spreadsheet in response which 9 lists two separate outages for 10 11 described as a 12 And I was wondering if you know whether that would be 13 related to 14 Α. I don't believe the ____ outage 15 would be related to _____ at all. 16 Q. Okay. And then there's a second outage 17 listed for I 18 , and that's described Would that have been related 19 20 21 Yes, this particular outage was related 22 . What we did as the co-owners, when 23 Duke, who was the owner at the time, the 24 auxiliary boiler which helps start up the big boiler 25 and the igniters, which is basically what helps bring

1330 1 the unit on And when they came out for the 2 in the first outage you just talked about, when they 3 4 were ready to come back on _____, then there 5 was what they call that provides 6 7 , and so at that point in time 8 be able to start the unit up. What we have done to address that issue, 10 11 though, is we have gone back and now that 12 unit to be able to 13 to eliminate this issue. MS. FLEISHER: Your Honors, I'd move to 14 15 strike everything starting -- the part regarding 16 fixing the problem. That wasn't what I asked about. Certainly redirect could deal with that. 17 MR. NOURSE: Well, your Honor, I mean, it 18 relates. She's asking whether caused 19 20 the outage, and so I think it's fair to say it's not 21 going to happen again based on the repair. If we 22 want to extend the time here to be inefficient, we can cover it on redirect. 23 24 MS. FLEISHER: Well, I mean, your Honors,

any answers can then have a mitigating explanation,

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1331 1 so by that definition, everything becomes responsive. 2 I don't know, I could ask him, "Please don't talk 3 about any steps you took to fix the problem," but I don't know how to handle that. 4 5 MR. NOURSE: Well, I disagree because --6 EXAMINER SEE: Thank you. 7 MR. NOURSE: It's not always the case 8 that repairs have been made. 9 EXAMINER SEE: Thank you, Mr. Nourse. 10 Thank you, Ms. Fleisher. I'm going let the answer stand as it was 11 12. given. 13 0. (By Ms. Fleisher) Then I also have 14 entries for -- an entry for 15 , described as 16 17 Would that have been related to _____? 18 Α. I don't believe so, no. 19 And then one for 20 Would 21 that have been related to ____? 22 Based on the description, I would say 23 yes, the and ultimately caused the 24 unit to come out of service. 25 Q. And I have one for

1332 1 Would that have been 2 3 related to ? The primary issue for this particular 4 outage is not related to _____. The length of 5 the outage that you're discussing, there were two 6 7 components here. One was an issue with the on the that controls the 8 9 , and the other one was a which the is the part that kept us out, 10 getting that repaired safely. 11 Okay. So would you say generally that 12 0. 13 are not related to 14 15 Α. I would agree with that. 16 MS. FLEISHER: May I approach, your 17 Honor? 18 EXAMINER SEE: Yes. Q. Mr. Thomas, I'm giving you a copy of the 19 2015 PJM Winter Report. 20 MR. NOURSE: Hang on. Can I see that? 21 MS. FLEISHER: Sure. I believe it's 22 admitted as Exhibit OMA Exhibit 3. 23 24 MR. NOURSE: Okay. 25 Q. And can you look at page 19 for a minute.

A. A specific part of page 19?

Q. Yeah. So there's a paragraph starting,
"The forced outages at the peaks on January 7-8

2015." So, I guess, I think it's easiest if I just
read it into the record. So it says, "The forced

outages at the peaks on January 7-8, 2015, aligned

colder temperatures that occurred the first part of
the month. Prior to that extreme cold-weather

period" --

EXAMINER SEE: I'm sorry, can you start over.

MS. FLEISHER: Yeah.

Q. "The forced outages at the peaks on January 7-8, 2015, aligned with colder temperatures that occurred during the first part of the month. Prior to that extreme cold-weather period, there was a rise in temperatures that was most pronounced in the Southern and Eastern regions of PJM, which resulted in the cycling of marginal coal units. The extreme cold temperatures on January 7-8, 2015, resulted in the restart of the higher cost marginal coal/steam units. As these units were returned online and run times increased, the failure rate from tube leaks increased over the following week, with forced outage rates peaking on January 15, 2015, at

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20,788 MW (11.2 percent)."

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that would have occurred during

Mr. Thomas, do you know whether any

the PPA units could have been due to this phenomena? MR. NOURSE: Your Honor, I'd just object

because I quess the purpose of this whole exercise is that there's some wording in this report that nobody's here to defend that correlates -- I'm not even sure it correlates weather to increased

, as much as, perhaps, a factual observation.

So I don't think -- first of all, it's not confidential. Secondly, I don't think it necessarily conflicts with what his prior answer gave, and other than that, I'm not sure what the purpose is. This is already an admitted document in its entirety into the record.

MS. FLEISHER: Your Honors, we're asking him questions about a confidential document for which he's the responding witness. He's made an assertion about what some of these things mean, and so I'm asking him to consider that in the context of this document, which is an admitted exhibit.

> EXAMINER SEE: I'll allow it. Answer the question, Mr. Thomas.

Well, based on my experience, the Α.

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1335 resulting is directly related to cycling of 1 the units, not the _____. The even if it said _____, the more you cycle a 3 4 unit up and down, the metal expands and contracts, so 5 the more you do those thermal cycles, the more it will fatigue the various tubes. But it's the cycling 6 of the unit that is causing the input to the 7 potential failure rate here, not the 8 All right. And with respect to 9 10 , I have an entry here for 11 , described as 12 13 Would that be due to ____? 14 Can you repeat the description, please? 15 Sure. as in boy, 16 then I believe it's 17 Based on my experience, no, I don't 18 Α. 19 believe that's related to _____. The ID is the induced draft fan. I can't make that 20 21 correlation. 22 Q. And then I have an entry for 23 , described as Am I correct that that would have 24 25 been due to ?

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1	A. I believe so, yes.
2	Q. All right. That's it. And thanks for
3	your patience in going through that exercise.
4	EXAMINER SEE: Is there any confidential
5	redirect for this witness, Mr. Nourse?
6	MR. NOURSE: Could we take a brief
7	recess? Thank you.
8	EXAMINER SEE: Sure.
9	(Recess taken.)
10	EXAMINER SEE: Let's go back on the
11	record. Mr. Nourse.
12	MR. NOURSE: Thank you, your Honor.
13	Mr. Thomas
14	EXAMINER SEE: Mr. Nourse, any
15	confidential
16	MR. NOURSE: No, this can all be in the
17	public session, your Honor.
18	EXAMINER SEE: Okay. Go.
19	(OPEN RECORD.)
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Case No(s). 14-1693-EL-RDR, 14-1694-EL-AAM

Summary: Transcript -of Toby L. Thomas electronically filed by Mr. Steven T Nourse on behalf of Ohio Power Company