Proceedings

BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO In the Matter of the Application of Moraine Wind, LLC, for Certification as an : Case No. 21-516-EL-REN Eligible Ohio Renewable : Energy Source Generating : Facility. In the Matter of the Application of Rugby Wind,: LLC, for Certification as : an Eligible Ohio Renewable: Case No. 21-517-EL-REN Energy Resource Generating: Facility. In the Matter of the Application of Elm Creek : II for Certification as an: Eligible Ohio Renewable : Case No. 21-531-EL-REN Energy Resource Generating: Facility. In the Matter of the Application of Buffalo : Ridge II for Certification: as an Eliqible Ohio : Case No. 21-532-EL-REN Renewable Energy Resource : Generation Facility. : In the Matter of the Application of Barton : Windpower 1 for : Certification as an : Case No. 21-544-EL-REN Eligible Ohio Renewable : Windpower 1 for Energy Resource Generation: Facility. In the Matter of the Application of Barton Windpower, LLC, for Certification as an : Case No. 22-380-EL-REN Eligible Ohio Renewable : Energy Resource Generation: Facility.

1	PROCEEDINGS
2	before Ms. Jacky Werman St. John and Mr. David Hicks,
3	Attorney Examiners, at the Public Utilities
4	Commission of Ohio, 180 East Broad Street, Room 11-A,
5	Columbus, Ohio, called at 10:04 a.m. on Thursday,
6	December 8, 2022.
7	
8	
9	VOLUME III
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	ARMSTRONG & OKEY, INC.
23	222 East Town Street, Second Floor Columbus, Ohio 43215-5201
24	(614) 224-9481 - (800) 223-9481
25	

335 1 APPEARANCES: 2. Carpenter Lipps & Leland LLP By Ms. Angela Paul Whitfield 3 280 North High Street, Suite 1300 Columbus, Ohio 43215 4 On behalf of the Applicants and Avangrid 5 Renewables. 6 Carpenter Lipps & Leland LLP By Ms. Kimberly W. Bojko 7 280 North High Street, Suite 1300 Columbus, Ohio 43215 8 On behalf of the Blue Delta Energy, LLC. 9 Whitt Sturtevant LLP 10 By Mr. Mark Whitt and Mr. Mark W. DeMonte 88 East Broad Street, Suite 1590 11 Columbus, Ohio 43215 12 On behalf of the Carbon Solutions Group, 13 LLC. Ice Miller LLP 14 By Mr. Christopher Miller 15 and Ms. Nicole R. Woods 250 West Street, Suite 700 16 Columbus, Ohio 43215 17 On behalf of the 3Degrees Group, Inc. 18 NiSource By Mr. John Ryan 19 290 West Nationwide Boulevard Columbus, Ohio 43215 20 and 21 Mr. M. Bryan Little 22 150 West Market Street, Suite 600 Indianapolis, Indiana 46204 23 On behalf of the Northern Indiana Public 2.4 Service Company. 25

```
336
 1
     APPEARANCES: (Continued)
            Dave Yost, Ohio Attorney General
 2
            John Jones, Section Chief
 3
            Public Utilities Section
            By Ms. Jodi Bair
 4
            and Mr. Thomas Lindgren,
            Assistant Attorneys General
 5
            30 East Broad Street, 26th Floor
            Columbus, Ohio 43215
 6
                 On behalf of the Staff of the PUCO.
 7
 8
 9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
```

1				
		337		
1	INDEX			
2				
3	WITNESS	PAGE		
4	Kristin Clingan	341		
5	Direct Examination (Continued) by Ms. Bair Cross-Examination by Mr. Whitt	347		
6	Cross-Examination by Ms. Whitfield Examination by Examiner St. John	375 401		
7	Redirect Examination by Ms. Bair Recross-Examination by Mr. Whitt	403 405		
8	Jason Cross			
9	Direct Examination by Ms. Bair Cross-Examination by Mr. Whitt	409 411		
10	Cross-Examination by Ms. Whitfield Examination by Examiner St. John	420 422		
11	John Chiles			
12	Direct Examination by Ms. Bojko Cross-Examination by Mr. DeMonte	425 437		
13	Kenneth Nelson	4.4.6		
14	Direct Examination by Ms. Bojko Cross-Examination by Mr. Whitt	446 542		
15	Pete Landoni			
16	Direct Examination by Ms. Whitfield 4 Cross-Examination by Mr. Whitt 4			
17				
18	APPLICANTS EXHIBITS IDENTIFIED	ADMITTED		
19	7 Testimony of Pete Landoni I-15	482		
20	7A Corrected Attachment A 462	482		
21	7B Corrected Attachment B 462	482		
22	8 E-mail String with Attachment 467	482		
23	9 E-mail String with Attachment 467	482		
24	10 E-mail String with Attachment 467	482		
25				

					338
1		INDEX (Cor	ntinued	1)	
2			_		
3	APPI	LICANTS EXHIBITS		IDENTIFIED	ADMITTED
4	11	E-mail String Between PJ	JM and	387	
5		Staff and Avangrid	_		
6	BLUI	E DELTA EXHIBITS		IDENTIFIED	ADMITTED
7	1	Direct Testimony of Ken	Nelsor	n I-115	460
8	1A	Attachment A		447	460
9			_		
10	JOI	NT EXHIBITS		IDENTIFIED	ADMITTED
11	1	<u> </u>		I-68	445
12		John Chiles			
13	1A	Attachment A	_	426	445
14	CSG	EXHIBIT		IDENTIFIED	ADMITTED
15	4	Interrogatories and Requ	iests	484	488
16			_		
17	STAI	FF EXHIBITS		IDENTIFIED	ADMITTED
18	1			410	423
19		Jason Cross			
20	2	Prefiled Testimony of Kristin Clingan		I-325	408
21	2A	Correspondence and DFAX	for	242	408
22		Moraine, Rugby, Buffalo II, and Elm Creek	Ridge		
23	2B	Correspondence and DFAX	for	242	408
24		Barton 1			
	2C	Correspondence and DFAX	for	242	408
25		Barton 2			

				339
1		INDEX (Continue	ed)	
2				
3	STA	FF EXHIBITS	IDENTIFIED	ADMITTED
4 5	3	Staff Review and Recommendation for Moraine Wind	344	408
6 7	4	Staff Review and Recommendation for Rugby	344	408
8	5	Staff Review and Recommendation for Elm Creek II	346	408
9	6	Staff Review and Recommendation for Buffalo Ridge II	346	408
11 12	7	Staff Review and Recommendation for Barton 1 Windpower	344	408
13 14	8	Staff Review and Recommendation for Barton 2	344	408
15				
16				
17				
18				
19				
20				
2122				
23				
24				
25				

Thursday Morning Session,

December 8, 2022.

3 | - -

2.1

EXAMINER ST. JOHN: Let's go back on the record.

Good morning, everyone. We are now resuming with our third day of the hearing for Case No. 21-516-EL-REN, et al.

When we left off, Witness Ms. Clingan had been on the stand. She had already been sworn in and a few questions had been asked of her. I would like to instruct you, Ms. Clingan, you are still under oath at this time.

THE WITNESS: Yes.

EXAMINER ST. JOHN: So with that,

Ms. Bair, please feel free to proceed with your
testimony.

I'm sorry. Before you start, one thing that was brought up before we went off -- before we went on the record is just to confirm the exhibits. So to the extent there was any lack of clarity, Staff Exhibit 2, which is the prefiled testimony of Ms. Clingan, has been marked into the record.

MS. BAIR: Thank you, your Honor.

KRISTIN CLINGAN

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

DIRECT EXAMINATION (Continued)

5 By Ms. Bair:

1

4

6

7

8

- Q. I'm going to go through the basics with Staff Exhibit 2. Do you recognize Staff Exhibit 2, Ms. Clingan? Do you have that up there with you?
 - A. Yes; yes, I do.
- Q. And can you tell me what that document is?
- 12 A. This is my prefiled testimony in this 13 case.
- Q. Was that prepared by you or under your direction?
- 16 A. Yes.
- Q. Do you have any additions or changes to make to that document at this time?
- A. Yes. I -- I would like to add the three
 PJM DFAX studies that Staff relied upon in its review
 of these applications to my prefiled testimony at
 this time.
- MS. BAIR: Your Honor, may I approach?
- EXAMINER ST. JOHN: Yes, you may.
- MS. BAIR: Your Honor, I would like to

```
have marked as Staff Exhibit A, the DFAX studies
 1
     of -- A is Moraine, Rugby, Buffalo Ridge II, and Elm
 2
 3
     Creek.
                 MS. WHITFIELD: Is that going to be 2A?
 4
                 MS. BAIR: That's 2A, yeah.
 5
                 EXAMINER ST. JOHN: That will be so
 6
 7
     marked.
                 (EXHIBIT MARKED FOR IDENTIFICATION.)
 8
 9
                 MS. BAIR: 2B is the DFAX study for
10
     Barton 1, and 2C is the DFAX study for Barton 2.
                 EXAMINER ST. JOHN: Those exhibits will
11
12
    be so marked. Thank you.
13
                 (EXHIBITS MARKED FOR IDENTIFICATION.)
14
                 MS. BAIR: Parties, would you like copies
15
     of them?
16
                 MS. WHITFIELD: No, thank you. We have
17
     got them.
18
                 MS. BAIR: Mark, yeah?
```

(By Ms. Bair) And, Ms. Clingan, can you Q. please identify Exhibit -- Staff Exhibit 2A.

MR. WHITT: Please.

19

20

2.1

22 Α. Exhibit 2A is e-mails related to Staff's 23 receipt -- request and receipt of the DFAX analysis 24 run by PJM for the four facilities that you 25 referenced.

- Q. And in those e-mails, you are copied on those, you actually received those, correct?
- A. Yes. The review of these four applications were split between myself and a colleague, former colleague, so we received correspondence and the DFAX analysis for our respective assigned applications.
- Q. And could you please look at Staff Exhibit 2B and tell me what that document is.
- A. 2B is correspondence and the DFAX analysis performed by PJM for the Barton 1 application.
- Q. And again, you received this, and the e-mail at the front of this document indicates that you've received this DFAX study?
- 16 A. Yes.

2.1

- Q. Thank you. And could you please look at Staff Exhibit 2C and tell me what that document is.
- A. 2C is correspondence and the PJM DFAX analysis related to the Barton 2 application.
- Q. And I see your name on e-mails there.

 You also were in receipt of that through these
 e-mails; is that correct?
- A. That's correct.
- Q. Thank you. And with these additions to

your testimony, do you have any other changes to make to your testimony?

- A. I do not.
- Q. If I were to ask you the questions contained in your testimony including the additions that we've just talked about, would your answers be the same?
- A. Yes.

1

2

3

4

5

6

7

8

12

13

14

15

16

17

18

19

23

24

Barton 2.

9 MS. BAIR: Your Honor, may I approach the 10 witness?

11 EXAMINER ST. JOHN: Yes, you may.

MS. BAIR: And, your Honor, I would like to mark these exhibits. Staff Exhibit 3 would be the Review and Recommendation for Moraine Wind. Staff Exhibit 4 is the Review and Recommendation for Elm Creek II. Staff Exhibit 7 is the Review and Recommendation for Barton 1 Windpower. And Staff Exhibit 8 is the Staff Review and Recommendation for

EXAMINER ST. JOHN: Those will be so marked.

22 (EXHIBITS MARKED FOR IDENTIFICATION.)

EXAMINER ST. JOHN: I believe you --

MS. BAIR: Got one wrong?

25 EXAMINER ST. JOHN: I believe you marked

- Staff Exhibit 3 as Moraine and then what was the next one?
- MS. BAIR: Staff Exhibit 4 is Rugby.
- EXAMINER ST. JOHN: Got it. Thank you and those will all be so marked.
- 6 MS. BAIR: Thank you.
- 7 Q. (By Ms. Bair) Ms. Clingan, do you 8 recognize Staff Exhibits 3 through 8?
 - A. Yes, I do.

- Q. And what was your role in preparation of this Staff review?
- A. I filed the Staff Report in three of
 these applications as the lead reviewer, and I
 oversaw review of the other three which were filed by
 our colleague Stuart Siegfried.
- Q. Which three did you personally lead, if you remember?
- A. Luckily I reviewed all of the ones that
 end in a II, Elm Creek II, Buffalo Ridge II, and
 Barton 2 coincidentally.
- MS. BAIR: Your Honor, I -- do you have a question?
- EXAMINER ST. JOHN: Let's go off the record for a second.
- 25 (Discussion off the record.)

EXAMINER ST. JOHN: Let's go back on the record.

Q. (By Ms. Bair) Just to review, you are sponsoring Staff Exhibit 3, the review and

recommendation for Moraine. Which one is Staff

6 Exhibit 4?

5

7

8

9

10

11

12

15

16

17

18

19

20

2.1

2.2

24

A. Rugby.

Q. Okay. And Staff Exhibit 5, the review for Elm Creek?

A. Yes.

Q. Staff Exhibit 6, Buffalo Ridge II?

A. Yes.

Q. Staff Exhibit 7, Barton 1 Windpower;

Staff Exhibit 8, Barton 2?

A. Yes.

EXAMINER ST. JOHN: To the extent that Staff Exhibits 5 and 6 have not been previously marked, those will be marked at this time.

(EXHIBITS MARKED FOR IDENTIFICATION.)

MS. BAIR: Thank you, your Honor. I move Staff Exhibits 2 through 8 into evidence, subject to cross-examination.

EXAMINER ST. JOHN: Thank you.

Mr. Whitt, I will turn things over to

25 you.

347 1 MR. WHITT: Thank you, your Honor. 2 3 CROSS-EXAMINATION By Mr. Whitt: 4 5 Ms. Clingan, I would like to start by 6 having you help us walk through and compare the DFAX 7 reports that, at least for CSG that we saw for the first time on Tuesday afternoon this week and compare 8 9 those to what had been introduced by other witnesses 10 just to make sure we understand and are able to 11 distinguish what Staff looked at versus other 12 testimony. 13 If we could start, do you have up on the 14 bench Mr. Landoni's direct testimony? 15 Α. Yes. Is there an exhibit number on the version 16 Ο. 17 you have? 18 Avangrid Exhibit 7. Α. 19 Okay. If you could go in Avangrid Ο. 20 Exhibit 7 to Attachment B. 2.1 Α. Yes. 22 EXAMINER ST. JOHN: Could you wait just an additional moment? 23 24 MR. WHITT: Sure. Your Honor, what I am

looking for specifically I will direct the witness to

```
the comments of the Applicants that are attached to Exhibit C, Avangrid Exhibit C.
```

3 EXAMINER ST. JOHN: That's helpful.

4 | Thank you. I am almost there.

5 A. I'm sorry. I thought you said B.

6 EXAMINER HICKS: Attachment B you said.

I believe it's page 197 for those of us following along on the PDF.

- A. Attachment B, not Appendix B? Sorry.
- 10 Q. Are you with -- are we looking at
- 11 Mr. Landoni?

7

8

- 12 A. Yes.
- MS. BAIR: Mr. Whitt, can you tell us the name of the document you were referring to?
- MR. WHITT: What I'm trying to get to are
- 16 the Applicants' comments that were filed in the
- 17 proceeding last November, and it is Attachment B --
- 18 Applicants' Exhibit 7, Attachment B. In the PDF I
- 19 believe it's page 198.
- MS. BAIR: What date were those comments
- 21 | filed?
- MR. WHITT: November --
- MS. WHITFIELD: 18.
- 24 MR. WHITT: -- 18, 2021.
- MS. BAIR: Thank you.

```
349
                 Oh, not the August 12? It says
 1
            Α.
 2
     August 12.
 3
                 MS. WHITFIELD: There should be two sets
     of applications -- or two sets of comments.
 4
 5
                 EXAMINER ST. JOHN: Ms. Clingan, I think
 6
     you are looking at the very front page of the
 7
     document which would have that August date on it.
     I'm locating it about halfway through the stack of
 8
9
     pages.
10
                 THE WITNESS: Okay. Attachment B.
11
            Ο.
                 (By Mr. Whitt) And the document Comments
12
     of Applicants, et cetera?
13
            Α.
                 Yes.
14
                 Okay. Now, attached to the comments
            Ο.
15
     there is a report titled "PJM Deliverability
16
     Assessment-Ohio." Do you see that?
17
            Α.
                GDS Associates?
18
            Q.
                Yes.
19
            Α.
                 Yes.
20
            Q.
                 That's dated November 18, 2021?
2.1
            Α.
                 Yes.
22
                 And attached to that report, which is 19
            Q.
23
     pages, there is an Appendix A to the report.
24
            Α.
                 Yes.
25
            Q.
                 Do you see that?
```

A. Yes.

1

8

9

10

2.1

- Q. And the appendix has a title page

 identifying the attachment as "Appendix A. DFAX

 Reports and Spreadsheets Provided by PJM for Moraine,

 Rugby, Elm Creek II, and Buffalo Ridge II

 Facilities." Do you see that?
- 7 A. Yes.
 - Q. And the next page appears to be the first page of a spreadsheet of a DFAX study, does it not?
 - A. It does.
- Q. And there is no PJM what I'll call a cover letter associated with this spreadsheet, correct?
- 14 A. Correct.
- Q. And if we go to Appendix B of the comments and expert report.
- 17 A. Yes.
- Q. Appendix B is entitled "DFAX Reports and Spreadsheets Provided by PJM for Barton Facility and other facilities," correct?
 - A. Correct.
- Q. And like Appendix A, Appendix B also does not include a cover letter from PJM, correct?
- A. Correct.
- Q. Do you know if Appendices A or B that we

just looked at have been reviewed by PUCO Staff with respect to some other facilities that are not part of this proceeding? Is there a way to tell, I suppose, just from the spreadsheets?

- A. I'm sorry. Could you restate the question?
- Q. Let me ask it a different way, have you ever seen Appendix B before?
 - A. Outside of this proceeding?
 - Q. Yes.
- 11 A. No.

1

2

3

4

5

6

7

8

9

- 12 Q. Same question with respect to Appendix A.
- 13 A. No.
- Q. Now, if we can go to Mr. Chiles' direct testimony. Different document now. I believe that is Joint Exhibit 1.
- 17 A. Okay.
- Q. And if we go to Attachment A of Joint
 Exhibit 1, we see what Mr. Chiles had testified to as
 an updated version of the report that we had just
 looked at in Avangrid Exhibit 7. Do you recall that
 testimony?
- 23 A. Yes.
- Q. Okay. And on Joint Exhibit 1 Attachment
 A, there are -- there is an -- if we keep going there

is an Appendix A, correct?

2.1

- A. Correct.
- Q. And the material within Appendix A includes a cover letter from PJM, correct?
 - A. Correct.
- Q. And if we were to compare the spreadsheets associated with this cover letter, we would find that these are the same spreadsheets that we just reviewed in Avangrid Exhibit 7, fair to say?
- A. Subject to check. I have not compared them.
- Q. Okay. And would you have any reason to disagree, subject to check, that in Appendix B within the same document there is a PJM cover sheet and cover letter dated July 27, 2020, regarding the Barton Windpower facility and other facilities, correct?
 - A. Correct.
- Q. And, subject to check, would you agree that the spreadsheet associated with this cover letter is the same spreadsheet included in the comments within Avangrid Exhibit 7?
 - A. Subject to check.
- Q. Okay. And then Appendix C, the same document as "DFAX Reports and Spreadsheets Provided

- by PJM for Barton 2 Facility, "correct?
- 2 Α. Correct.

1

3

4

5

6

- And Appendix C includes information that Q. was not included in the Applicants' original comments, correct?
- Meaning Barton 2? Α.
- 7 Q. Correct.
 - Α. Correct.
- 9 Okay. If we look at Exhibit -- I'm Ο. sorry, Attachment -- Attachment A, Appendix B, so 10 11 flip backward now, DFAX reports and spreadsheets for 12 Barton 1. The cover page says "DFAX Analysis of Wind 13 Farms for Blue Delta Energy, LLC." Do you see that? 14 MS. BAIR: Mr. Whitt, where are we? We 15 are in Chiles' testimony, Direct, Joint Exhibit 1, 16 Attachment A, Appendix what? 17
 - MR. WHITT: B as in boy.
- 18 MS. BAIR: В.
- 19 For Barton 1. Α.
- 20 Q. Yes.
- 2.1 Α. Yes.
- 22 Q. And if you go to the page 1 of the cover 23 letter.
- 24 Α. Yes.
- 25 Q. It lists Barton Windpower as the first

among a list of 14 facilities, correct?

- A. Yes, I see that.
- Q. Okay. If we go to Staff Exhibit 2B and compare that to Chiles' Appendix B, I'll call it, it appears to be the same cover page, correct?
 - A. Meaning the PJM just blue cover sheet?
 - Q. Yes.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

24

25

- A. Yes.
- Q. If we go to page 1 of each of these cover letters, the version Staff has sponsored omits the list of facilities except for Barton, correct?
- A. Correct.
- Q. Has Staff to your knowledge received -- well, has Staff received from PJM any study that we are looking at -- let me strike that.

Did PJM provide Exhibit 2B to Staff?

- A. Directly?
- Q. Yes. Is Exhibit -- was Exhibit 2B provided to Staff directly by PJM?
 - A. No. We received it from the Applicant.
- Q. Okay. And what Staff received from the Applicant, the only facility referenced in the letter was the Barton Windpower facility; is that correct?
- A. Correct, because that's the application we are reviewing.

- Q. But you don't know what PJM provided to the Applicant, correct?
- A. The file referenced says "Attached File PJM DFAX Analysis for Wind Farms, June 2020."
- Q. Right. The spreadsheet is the same
- A. Okay.

1

2

3

4

5

6

7

8

9

10

11

- Q. -- in terms of the cover letter that PJM issued to the Applicants, Staff doesn't have knowledge of the specific document, the cover letter, that PJM issued to the Applicants?
- MS. BAIR: Objection, asked and answered.

 EXAMINER ST. JOHN: I will give Mr. Whitt

 a little bit of leeway. And, Ms. Clingan, please

 answer the question.
- MR. WHITT: I will actually agree with you, Jodi.
- Q. (By Mr. Whitt) I just wanted to confirm
 that, sort of tie this off, Staff received and relied
 on the DFAX cover letter and spreadsheet that was
 provided to them by the Applicants, not from PJM
 directly, fair to say?
 - A. That's correct.
- Q. Go to Exhibit -- Staff Exhibit 2C, please.

A. Yes.

1

2

3

4

5

6

7

8

- Q. And in particular the first page of the spreadsheet.
 - A. Yes.
- Q. At the top of the spreadsheet there is some information in the header of that, I believe Mr. Chiles had testified would indicate some source data files that PJM used for its DFAX analysis.
- 9 MS. BAIR: Where are we referring to, top 10 of the header?
- MR. WHITT: On 2C, the very top -- the first page of the spreadsheet at the top.
- MS. BAIR: Oh, thank you, first page of the spreadsheet.
- 15 A. Yes.
- Q. Now, if we go to Staff Exhibit 2B, the top of the spreadsheet associated with 2B does not have that information, correct?
- 19 A. Correct.
- Q. And the same would be true if we looked at Staff Exhibit 2A, that the spreadsheet does not include the information at the top, correct?
 - A. Correct.
- Q. Did Staff receive the spreadsheets and cover letters associated with Exhibits 2A and 2B from

the Applicants?

2.1

- A. The cover letter?
- Q. Let me try to ask the question a little clearer. And I think we already established with respect to Staff Exhibit 2B that DFAX study was provided by the Applicants to Staff, correct?
 - A. Correct.
- Q. And would the same be true for Staff
 Exhibit 2A, that this information was provided by the
 Applicants to Staff and not from PJM directly?
 - A. Correct. That is our standard practice.
 - Q. Okay.

EXAMINER HICKS: Mr. Whitt, could you pull the microphone a little closer? I am having a little bit of trouble hearing you.

MR. WHITT: Sure.

- Q. (By Mr. Whitt) With respect to Staff
 Exhibit 2C, I thought that I -- well, was 2C received
 from the Applicants or did that come directly from
 PJM?
- A. In regards to Barton 2, we had some communication with PJM because Staff had a question regarding the DFAX, but it is -- we received the DFAX directly from the Applicant, and PJM confirmed that there was no need to provide another DFAX analysis.

- Q. Okay. Go back to Staff Exhibit 2B, the PJM cover letter.
 - A. Yes.

2

3

4

5

6

7

8

9

10

11

- Q. It says that the identification of the facility where there is -- where Barton Windpower is listed, it describes Barton Windpower as a 160 megawatt wind farm, correct?
 - A. Yes.
- Q. Would this indicate that the information or the DFAX was modeled as a 160 megawatt facility?
- A. I believe it's -- the second sentence says it's modeled as two 80 megawatt facilities.
- Q. Meaning both the -- both Barton 1 and 2 were modeled within this DFAX, correct?
- MS. WHITFIELD: Can I have her prior
 answer read back? I'm sorry. I don't understand his
 question.
- 18 EXAMINER ST. JOHN: Yes, please, Karen.
 19 (Record read.)
- MS. WHITFIELD: I am going to object to
 that mischaracterizes the report. We have a 2A -- or
 22 2B which is Barton 1 and 2C which is Barton 2 DFAX
 studies.
- MR. WHITT: Well, the question is is that, in fact, what we have? Because the DFAX study

I am looking at, I am just asking the witness if she knows, seems to be a DFAX that modeled both Barton 1 and 2 together.

EXAMINER ST. JOHN: I'll allow the witness to answer the question to the extent that she knows the answer.

A. I don't know.

1

2

3

4

5

6

7

8

9

10

14

20

2.1

22

23

24

- Q. Okay. And Exhibit 2B is dated July 27, 2020, correct?
 - A. The cover sheet is, yes.
- Q. And would you agree, subject to check, that the application for Barton 1 wasn't filed until April of 2021?
 - A. That's correct.
- 15 Q. Fair to say that -- strike that.

After the Barton 2 application was filed,

PJM performed another DFAX study specific to Barton 2

and that is the study reflected in exhibit Staff

Exhibit 2C, correct?

- A. Correct.
- Q. I'm pleased to report that's all I am going to ask you about the DFAX studies, I think.

 And thank you, by the way, for helping us understand what we are looking at.
- A. No problem.

- Q. So your testimony, Staff Exhibit 2, on page 1 of your testimony, you indicate that you joined the Commission as aide to Commissioner

 Trombold in 2013, correct?
 - A. Correct.
- Q. That's a couple years after the Koda decision.
 - A. Correct.
 - Q. Fortunately for you.
- 10 A. Yes.

1

2

3

4

5

6

7

8

- Q. And would you agree -- I don't even know
 if you need to check, but subject to check, if it
 makes you more comfortable, none of the Commissioners
 who signed the Koda order are Commissioners today,
 fair to say?
- 16 A. Subject to check.
- Q. And when the -- when an application such as the one we've been discussing in this case are filed, these applications aren't something that the five Commissioners huddle around and look at themselves personally, correct?
- MS. BOJKO: Objection, calls for speculation.
- MR. WHITT: I will withdraw.
- Q. (By Mr. Whitt) The Commission relies on

Staff in making deliverability assessments and recommendations, correct?

A. Correct.

Q. And to the extent the only information the Commission has to go on is Staff's recommendation --

MS. BOJKO: Objection.

- Q. -- that doesn't give the Commission any alternative views to consider in rendering its decision, fair to say?
- MS. BOJKO: Objection, assumes facts not in evidence. Documents are filed on DIS. The Commission -- the Commissioners -- she doesn't know what the Commissioners may or may not have reviewed.

EXAMINER ST. JOHN: I'll sustain that objection.

- Q. (By Mr. Whitt) I am just talking in

 gen -- when you were an aide to Commissioner

 Trombold, and I am not asking about any specific case

 or decision-making process on anything specific, but

 just in general, the Commission -- individual

 Commissioners are looking for record evidence and

 factual basis for decisions, correct?
- MS. BOJKO: Objection. I don't think she can speak to what Commissioners are looking for.

EXAMINER ST. JOHN: I am going to sustain that objection as well.

- Q. (By Mr. Whitt) If you go to page 2 of your testimony, line 6, in describing the cases you say at line 6, "The applicant in each case filed an application for certification as an Ohio renewable energy resource," et cetera. And when I characterized these proceedings as the Applicants filing the applications, I was corrected on that and want to make sure or understand whether Staff agrees with the Applicants' characterization that these applications are actually filed by Staff and not by the representatives of the facilities.
- A. Are you referring to the Commission's docketing system?
 - Q. Yes.

2.1

MS. WHITFIELD: Can I object for just a moment? Sorry. I didn't want to interrupt. I think he is mischaracterizing the objection. I said -- on the first day of the hearing what I said was that the submission from the Applicants goes onto -- into a portal, and then Staff opens a matter on the docket. That's what I believe was in the testimony. I didn't say they filed an application. They open the matter on the docket.

- MR. WHITT: I will withdraw the previous question. Let me ask it a better way, if I can.
- Q. (By Mr. Whitt) I don't want to get hung up on the word filed. At the end of the day, the Applicants initiate the process that leads to a Staff review and eventual Commission recommendation, correct?
 - A. The Applicant initiates the process.
- Q. At page 3 of your testimony, line 3, you talk about the things that the Staff confirms in its review of these REN applications. Do you see that?
 - A. Yes.
- Q. Does Staff confirm whether the Applicant facility is actually operating at the time of the application?
- 16 A. Yes.

2.1

- Q. And what do you look at to confirm whether or not that's the case?
- A. The online or in-service date that's referenced in the application.
 - Q. Does Staff assume that if the -- by confirming the in-service date that the facility is actually operating as of the date of an application?
- A. It's operating as of the in-service date referenced in the application.

- Q. Okay. Facilities at issue in these proceedings have all been in service for, subject to check, a decade or more, fair to say?
 - A. Subject to check.

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

2.2

23

24

25

- Q. Does -- and I didn't see anything in the application materials filed in the dockets indicating whether Staff requires disclosures or asks for information about PPAs associated with the Applicant facility. Is that something that Staff reviews?
- A. Staff's interest in PPAs is limited to the double counting, the prohibition on double counting as referenced in our rule, so we do confirm with the Applicant that there will be no double counting of RECs. That is our interest in PPAs.
- Q. Okay. Page 6 of your testimony at lines 10 through 12, you identify an Ohio statute establishing the deliverability requirement we've been talking about in this proceeding, correct?

MS. BAIR: Page 6, lines?

MR. WHITT: I'm sorry, page 3.

MS. BAIR: Page 3, what lines?

MR. WHITT: 10 through 12.

MS. BAIR: Thank you.

A. Yes.

Q. And so as we go down the page to line 17,

when the question is "Please describe the

Commission's deliverability standard," it would be

more accurate to characterize this as the Ohio

General Assembly's delivery standard, wouldn't it?

MS. BAIR: Objection, calls for a legal

conclusion.

2.1

EXAMINER ST. JOHN: Mr. Whitt.

MR. WHITT: The witness has cited the statute and then question -- the following question and answer talk about something that seems to be inconsistent with the statutory provision. Let me try it a different way.

- Q. (By Mr. Whitt) The deliverability standard that we have been discussing in this proceeding is not something that the Commission to your knowledge came up with on its own and decided should be some requirement that the Commission is endeavoring to implement directives of a statute, fair to say?
 - A. We are implementing the statute.
- Q. And the statute that you cite doesn't say anything about Koda, fair to say?
 - A. Correct.
- Q. And the rule that you cite makes a specific reference to Koda, correct?

A. Correct.

2.1

Q. And by trying to further refine the term deliverable into this State, Commission rules add the -- let me strike that.

I am sure we can all read the statute and rules and argue what they mean. The Koda facility was -- when I am talking about Koda, I am talking about the case you cite on page 4 of your testimony, Case 09-0555-EL-REN.

- A. Yes.
- Q. And as you indicate, that facility was located in Minnesota, correct?
 - A. Correct.
 - Q. And I think at least one of the facilities at issue in this case is also in Minnesota, isn't it?
- 17 A. Yes.
 - Q. Okay. And is it Staff's position that based on the Koda decision, does Staff believe that the only evidence of deliverability it may consider is a power flow study?
 - A. The power flow study was established as the means by which to demonstrate deliverability.
 - Q. In the Koda case -- I mean, but even following the Koda decision, there was no change to

the Commission rules incorporating any specific language out of the Koda order, correct?

A. Correct.

2.1

2.2

- Q. And it would seem reasonable to me, and I guess I will ask if it seems reasonable to you, that to the extent Staff wishes to look at additional information beyond a power flow study, that Staff would have the ability and authority and discretion to do so, wouldn't it?
 - A. I believe so, yes.
- 11 Q. All right. Could we characterize Koda -12 strike that.

The -- on page 5 of your testimony, your question and answer 12, you offer some statistics, I guess, about applications from out of state, noncontiguous Applicants, I guess that's how I will call them, cases where the Koda standard has been considered, correct?

- A. Correct.
- Q. And as you indicate on line 17, if we look at the period from when the renewable portfolio standards statute was enacted through the middle of 2022, over 11,000 facilities have been certified, correct?
- A. Correct.

- Q. And when we compare that to your disclosure that Staff has reviewed 28 applications from facilities located in states noncontiguous to Ohio, it's fair to say that the applications of the flavor that bring us all here today represent a very small percent of overall REN applications, correct?
 - A. Correct.

2.1

2.2

- Q. And as you indicate, Staff has recommended -- let me back up a second. You say that including Koda, Staff has reviewed 28 applications from facilities located in states noncontiguous to Ohio. And I guess my first question is does the 28 applications referenced here include or exclude the facilities at issue in these cases?
 - A. Excludes.
- Q. Okay. So not including the cases that we are discussing today, Staff has recommended that 16 of those 28 applications be denied, correct?
 - A. Correct.
- Q. And it has recommended that 12 of the 28 applications be approved, correct?
 - A. Correct.
- Q. Would you agree, subject to check, that

 10 of those 12 approvals have occurred in 2022 -- I'm

 25 sorry, in 2020 or later?

- A. Sorry. Could you repeat the question?
- Q. You say at lines 11 and 12 of your testimony that Staff has recommended 12 applications for approval, correct?
 - A. Yes.

1

2

3

4

5

6

7

8

9

10

11

12

17

18

- Q. Would you agree, subject to check, that

 10 of those 12 approvals occurred by Commission order
 issued in 2020 or later?
 - A. Subject to check.
- Q. Fair to say prior to 2020, Staff looked at and reviewed very few applications from Applicants in states not contiguous to Ohio?
- MS. BAIR: Your Honor, could I have that question reread, please?
- EXAMINER ST. JOHN: Yes, please, Karen.

 (Record read.)
 - A. I'm not sure what proportion of the 28 were prior to 2020. More accurate to say very few were approved.
- Q. Okay. And this is the first renewable application case that's ever actually been litigated, isn't it?
- 23 A. Correct.
- MS. BOJKO: Objection. Sorry.
- 25 | Objection.

Q. (By Mr. Whitt) I would like to introduce an exhibit with you. Let me describe -- I've prepared what I will represent is a complete printout basically of the docket sheet and all the documents referenced in the docket sheet for the Koda decision which I thought might be helpful for the record to have everything just in one place.

2.1

MR. WHITT: I can have the witness review the document and get it admitted through her, or if the parties want to stipulate that, obviously after they have a chance to read this, that the document is what I have represented it to be and want to agree to its admission, we can do it that way too.

MS. BOJKO: Your Honor, I think the problem with the document that's going to be presented is that two of the documents contained therein have already been marked. One of them has already been admitted. And I think that there -- it needs to be a requirement to lay a foundation with this witness or any witness of any of the documents that would be admitted.

Attached to this compilation is a DFAX study, and as we've experienced this week, you have to lay the proper foundation for a DFAX study and apparently have to have a chain of custody also

associated with it. So that would need to be done before any of these documents are admitted, so we do object to a compilation of documents. They have to be gone through one by one. And again, I think it would confuse the record since two of them have already been marked.

2.1

EXAMINER ST. JOHN: I think let's take first things first. Would you like to mark this?

MR. WHITT: You know what? There is no need to. We will just cite it in the docket and do it the hard way. That's fine.

- Q. (By Mr. Whitt) At the bottom of page 6 of your testimony going over to page 7 --
- MS. WHITFIELD: What page did you say,

 Mr. Whitt?
- MR. WHITT: Bottom of page 6.
 - Q. (By Mr. Whitt) The sentence that begins on page 6 and goes over onto page 7, it says "It is Staff's understanding that PJM has, or is able to obtain, all the requisite information it needs to run power flow studies across RTOs." And my question pertains to your statement that it is Staff's understanding. What is the basis of your understanding for this statement you are making?
 - A. I'm sorry. Could you repeat the

question?

2.1

- Q. You say that "It is Staff's understanding that PJM has, or is able to obtain," certain information. And my question is what information informs that understanding? Why do you believe this?
- A. Because PJM runs the power flow study and if they need inputs to that study, they would obtain it or else they wouldn't be able to run the model.
- Q. How do you know? What you are saying makes sense but I am just understanding if this is an assumption or something that you've inquired of.
- A. It may be a better question for Staff Witness Cross.
- Q. Is it your belief that the PJM DFAX studies that have been introduced are some evaluation of power flow studies within both RTOs, both meaning PJM and MISO?
 - A. I'm sorry. Could you restate?
- Q. Is it your understanding that the PJM power flow studies modeled power flows within PJM, or did they model powerflows in both PJM and MISO, if you know?
- A. Again, a better question for Staff
 Witness Cross.
 - Q. Are you -- have any REN applications from

anyone been filed in 2022 for any facility other than Barton 2?

A. Any facility?

2.

2.1

2.2

Q. Any facilities.

MS. WHITFIELD: Objection, outside the scope of this proceeding.

MS. BOJKO: I would add objection for overbroad.

Q. (By Mr. Whitt) Well, the accusation has been lodged that CSG's participation in this case has thrown the REC market into havoc. And when I check the Commission docket for REN filings in 2022, the only thing that comes up is Barton. I don't know why that is. Maybe it's because the standard has changed about what gets actually filed and assigned a case number. It seemed weird to me. Just being candid about it and I was wondering if you could help us understand it.

MS. BOJKO: Objection, your Honor.

Counsel's testifying and honestly think that he's mischaracterizing all the evidence before the Commission as well as the Commission's docketing system and prior testimony.

EXAMINER ST. JOHN: I agree with that. It did sound like there was some testimony in your

response, and it also sounded not exactly in line with the question that was asked of the witness which was just have there been any other applications filed, not why have there been no other applications filed.

So, Karen, would you mind rereading the question that was asked.

(Record read.)

2.1

2.2

MR. WHITT: Let me withdraw that question. It is to satisfy my personal curiosity. Happy to talk to you off the record about it. It's not that material.

Give me one moment, if you would, please.

MS. BOJKO: Your Honor, at this time I am going to move to strike counsel's testimony both in the prior answer and then just that one. He is not the witness, and he shouldn't be adding that kind of thing to the record.

EXAMINER ST. JOHN: I will say that his response to your objection --

MR. WHITT: I don't mind if you strike it.

EXAMINER ST. JOHN: We will go ahead and strike that.

Q. (By Mr. Whitt) The Koda decision was

375 rendered in 2011, correct? 1 2 Α. Correct. 3 The application in that case was filed in Q. 2009, correct? 4 5 Α. Correct. Would you agree, subject to check, that 6 Ο. 7 that process took about 20 months? Yes. 8 Α. 9 And that case involved no Intervenors or Ο. 10 a litigated proceeding, fair to say? 11 Α. Yes. 12 MR. WHITT: That's all. No further 13 questions. 14 15 CROSS-EXAMINATION 16 By Ms. Whitfield: 17 Good morning, Ms. Clingan. I just have a Q. 18 few questions for you. If you turn to page 2, line 19 12, starting at lines 12 of your testimony through 20 15. Are you there? I'm sorry. What line? 2.1 Α. 22 Page 2, lines 12 through 15. Q. 23 Α. Yes. 24 You state that you were the lead reviewer Ο. 25 on some of the applications, correct?

A. Yes.

2.1

- Q. And I believe you testified earlier that you were the lead reviewer for all of them that ended in II?
 - A. Correct.
- Q. And you over -- and as manager of the renewable certification team, you oversaw the review of the other three applications that we are here for, correct?
 - A. Correct.
- Q. And in that role, either you or someone in your team contacted the Applicants and requested DFAX studies to support each application; is that correct?
- A. I believe so. If we don't receive it from the Applicant, we will request it from the Applicant.
- Q. And with respect to each of the applications here, did you or someone on your team request DFAX studies?
- A. Yes, although it appeared in the case of Barton 1 that the DFAX was just provided. I did not find record of us requesting it.
- Q. Okay. And Staff can't perform -- well, strike that.

Staff uses these DFAX studies to perform the deliverability analysis for facilities pursuant to the Koda test, correct?

A. Correct.

1

2

3

4

5

6

7

8

9

10

11

12

13

18

19

20

2.1

- Q. And I believe Staff indicates that they cannot perform these analyses without those DFAX studies, right?
 - A. Correct.
- Q. And with the e-mails that we have seen that are attached to Staff Exhibit 2A, 2B, and 2C, it's fair to say, is it not, you communicated with the Applicants through e-mail correspondence?
 - A. That's correct.
- Q. Did you also at times communicate directly with PJM?
- A. At times in the case of Barton 2, for example.
 - Q. All right. We will get to that one in just a minute. Now, if I could have you turn to what was marked as Staff Exhibit 2A.
 - A. Yes.
- Q. I want to make sure I understand these e-mails a little bit.
- MR. WHITT: At this point I am objecting to counsel's questions of the witness about these

e-mails. She's just had the witness confirm that communications occurred with the Applicants and Staff via e-mail. Those communications would be plainly responsive to numerous discovery requests that CSG served. E-mails have not been provided by the Applicants ever. We've seen them for the first time when Staff has graciously turned them over.

2.1

I don't plan -- it's one thing if Staff wants to introduce these through their witness on direct as part of what Staff reviewed. I'm okay with that. What I am not okay with is the Applicants now using information that was never provided to us and questioning the Staff witness about it, especially when my cross didn't get into those e-mails either.

MS. WHITFIELD: Well, first of all, your Honor, the scope of his cross has nothing to do with the scope of my cross. Second of all, if we had tried to address these e-mails from Staff that they just marked as 2A, 2B, and 2C, with other parties, CSG would object to those for hearsay and lack of foundation.

Only Staff's witnesses can provide the information I am going to ask about and can authenticate these communications involving Staff and the facts surrounding the actions that Staff itself

took in reviewing the applications and making recommendations to the Commission in its Staff Reports.

2.1

CSG itself raised the chain of custody issue the first day of the hearing, although, you know, we still maintain that chain of custody is not a requirement for authentication, and now CSG seems to be objecting to my questioning regarding the very proof it demanded.

But with respect to the point about discovery, these e-mails that are attached here come from Staff. But more importantly whether we were on them or not doesn't affect anything.

And at the risk of being cussed out and attacked personally with profane language like Mr. Whitt did to my colleague Ms. Bojko at Tuesday's hearing when your Honors stepped out of the room, I disagree with his arguments that these e-mails cannot be admitted, these e-mails and then ones that we intend to produce on rebuttal. First, these e-mails were not requested in discovery in this case. Not a single document request served by CSG upon Applicants sought communications. Not a single one. And, more importantly, CSG's discovery requests in their own instructions differentiated between "documents" and

"communications." So if CSG wanted communications, it should have requested those communications. It did not.

2.1

And how else do we know that? Because Mr. Whitt never once raised until Tuesday at this hearing that they had requested e-mails in this case. When he didn't receive a single communication provided by Applicants, he never complained. He didn't send a deficiency letter saying, hey, where are the e-mails. He sent a deficiency letter, but it didn't relate to e-mails or communications with Staff or communications with PJM. He didn't file a motion to compel the production of communications such as e-mails. He did again file a motion to compel.

Nothing about communications with PJM, communications with Staff was the subject of that motion.

And I would also argue that Mr. Whitt's opened door to these communications and these e-mails when he brought up for the first time as a surprise, as your Honors even indicated, that this had become a big issue that first day of hearing to challenge the chain of custody of the DFAX studies. Remember, Applicants had been asking CSG for the basis of these challenges it had to these certifications, asking for the facts and evidence allegedly supporting those

challenges and never received anything despite four orders from your Honors and certainly nothing about this chain of custody issue or potential claim that the PJM DFAX studies may not, in fact, have even come from PJM to begin with or someone stole PJM's copyright and forged a report under their letterhead or whatever else CSG is trying to argue here.

2.1

We are entitled to bring them in on cross with this witness and then address them with my crossing this witness and then bring them in on rebuttal.

EXAMINER ST. JOHN: Mr. Whitt.

MR. WHITT: Your Honor, what is unfolding is the consequence of a party who really has no regard for their own discovery obligations, and because of their refusal literally, as she's just admitted we provided no e-mails, they didn't provide even the correct DFAX studies. They literally provide nothing.

And, sure, I could file a motion to compel, or I can let you attempt to -- put you on notice early in the case you cannot refuse to turn over information in discovery and then attempt to use that information at hearing because it defeats the very purpose of the discovery rules. And the thing

about it is if -- if the discovery obligation had been honored and these e-mails were turned over, the correct DFAXs given to us, then this issue that arose on Tuesday would have been eliminated because we could say, oh, yeah, we have the correct DFAXs. We see these other ones. That's not what you gave us. Yeah, obviously this is a mistake.

2.1

But because they wouldn't -- they weren't willing to play ball with anybody, that has now blown up in their face spectacularly and all I am asking is that the Bench enforce the rule that I assumed when it was -- when the warning that was issued to me was a warning that would apply to everyone which is nobody gets to come in and introduce new evidence that have been requested in discovery and not provided.

Again, the issue isn't whether the e-mails get to come in. They can come in with this witness through the foundation laid by Staff counsel.

My objection is to Applicants' counsel questioning these -- the witness about this material for any reason.

MS. WHITFIELD: Can I respond briefly?

EXAMINER ST. JOHN: I think that you both have had an opportunity to give your perspectives so

at this point I will go ahead and cut things off so we don't get into a back and forth. The first thing I would like to point out is the Applicants here are not introducing this. These are documents that have been marked by Staff. They are Staff's own exhibits. I understand your point about the Applicants being able to ask questions then about the e-mails. I'm unsure frankly about the discovery issue, whether it should have been produced or should not have been produced. But I don't think that that issue in particular is key here as, again, I mentioned, you know, these are documents that are coming in through Staff.

2.1

I'll also note this issue arose earlier just on the flip side where there was a document, I believe a MISO document, that had not been turned over to Applicants as a document that was relied upon by CSG's witness.

MR. WHITT: The public document they used in their own cross, that one?

EXAMINER ST. JOHN: Again, this was -this was a discovery issue that they had pointed out
where they had requested the documents that your
witness had relied on. At that point in time we had
ruled that, you know, this was not sanctionable.

Questions would be asked. You know, we didn't stop anything just because of the production issue. So in fairness, the ruling on this is I will allow the Applicants to ask questions on these e-mails.

MS. WHITFIELD: Thank you, your Honor.

- Q. (By Ms. Whitfield) So, Ms. Clingan, if you could turn to what Staff has marked as Staff Exhibit 2A and go to the last e-mail in that chain before you get to the report.
- A. Yes.
- 11 Q. Okay.

1

2

3

4

5

6

7

8

9

- EXAMINER ST. JOHN: I'm sorry. Can I jump in? Which exhibit are we on again?
- MS. WHITFIELD: We are on 2A, your Honor.
- 15 EXAMINER ST. JOHN: And this is on what
- 16 page of 2A?
- MS. WHITFIELD: The e-mails aren't --
- 18 | it's the last e-mail before you get to the cover
- 19 sheet for the PJM DFAX report.
- 20 EXAMINER ST. JOHN: Okay. Thank you.
- MS. BAIR: Is it the e-mail from Zena
- 22 Parks dated May 19, 2022?
- 23 MS. WHITFIELD: I am actually starting
- 24 | with the one at the bottom of the page dated
- 25 | April 30, 2021, from Stuart Siegfried.

MS. BAIR: Thank you.

- (By Ms. Whitfield) And, Ms. Clingan, you Q. are copied, are you not, on this e-mail from Mr. Siegfried?
 - Α. It appears so, yes.
- And did Mr. Siegfried report to you, or Ο. did you report to him?
 - Neither. Α.
- Ο. Well, let me maybe -- let me ask it this way, was he part of the REN certification group?
 - Α. Yes.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

2.2

23

- Q. And he says in his e-mail that you are copied on "As an update on your Moraine Wind and Rugby Wind certification applications, I wanted to let you know that this morning I opened cases on DIS and moved copies of the applications over to the respective cases." Do you see that?
 - Α. Yes.
- Is that what you were referring to with Ο. respect to the process on how these applications would get their way into the DIS PUCO docket?
 - Sorry. Did I make reference to that? Α.
- Q. I thought I heard earlier in questioning that you said that Staff would be involved in the 25 process of opening a DIS docket for these

applications.

2.1

- A. I think the question was asked. I don't think I answered it. But that has been our process since 2020 when the Commission made a change to REN -- the REN certification application process.
- Q. And so this sentence that I just read from Mr. Siegfried, am I saying that correctly?
 - A. Yes.
- Q. Mr. Siegfried was consistent with Staff's practice at least as of -- after 2020?
- 11 A. Yes.
- Q. And then he is in this e-mail requesting

 DFAX studies for Moraine Wind and Rugby Wind, does he

 not?
 - A. It looks like in this particular e-mail he's just letting the Applicant know that the dockets were opened.
 - Q. Okay. All right. So then let's go to the next -- like go back to the e-mail directly above his. Actually let's just skip -- try to short circuit this a little bit. Let's skip to the top e-mail on this page dated May 19, 2021. That is where Stuart received the DFAX study from the Applicants, correct?
- A. Correct.

- Q. And it says "Please see attached DFAX study that I received from PJM this morning"; is that correct?
 - A. Yes.

1

2

3

4

5

6

7

8

9

10

11

13

14

15

16

17

18

19

20

2.1

2.2

- Q. And now if we turn to the bottom of the previous page, it's an e-mail from you dated May 3, 2021, to Avangrid, and this e-mail is requesting the power flow study or DFAX study for Elm Creek II and Buffalo Ridge II facilities, is it not?
 - A. May 3?
 - Q. Yes.
- 12 A. Correct.
 - Q. And I see, if you continue up the page a little bit, on May 10, 2021, you sent an e-mail to Zena Parks of Avangrid. Do you see that? It says "Just following up on Elm Creek II"?
 - A. Yes.
 - Q. You said "In addition to the power flow study, we will need basic information on the revenue grade meter, meter name, manufacturer, and serial number." Did I read that correctly?
 - A. Yes.
- Q. And why does Staff need that information?
- A. Under our rules we need to verify that
 the facility -- for every facility over 6 kilowatts

is using a utility grade or revenue grade meter.

- Q. And then if you can go directly above that e-mail, this is an e-mail from Zena Parks. Do you know who Zena Parks is?
 - A. Yes.

2.1

- Q. Who is she?
- A. She worked for Avangrid.
- Q. Okay.
- A. The Applicant.
- Q. And this is an e-mail from Ms. Parks to you on May 19, 2021, and it's attaching the DFAX study that she received from PJM that morning. Do you see that?
 - A. Yes.

MR. WHITT: Your Honors, at this point I would interject that I -- I don't know that a cross-examination has actually started yet. And there was an admonition before the witness took the stand there would not be friendly cross and that's all that has occurred so far.

MS. WHITFIELD: Your Honor, our questions of the Staff's witness here will -- do not constitute friendly cross. The purpose of this cross is not to bolster or support Staff's case. It's -- the purpose is to elicit facts from this witness to support the

application -- Applicants' case, and it's necessary to do so. We can't depose Staff pursuant to this or issue a subpoena for these e-mails, and so I am running through what's -- the evidence that Staff put in the record to understand what Staff did with respect to these communications.

2.1

MR. WHITT: They are communications with her client. What's the cross? You are doing this in an attempt -- I think you think you are bolstering your case somehow, which you aren't, but even if you were, that's exactly why it's improper. That's all I have to say.

EXAMINER ST. JOHN: These additions,

Staff exhibits that have been marked 2A, 2B, and 2C,

have just come into the -- have not been posted on

the docket in advance, so I think it -- it's fair

that the Applicants have an opportunity to ask the

witness about these documents.

MS. WHITFIELD: Can I have you read back the last question I asked?

(Record read.)

EXAMINER ST. JOHN: Ms. Whitfield, before you continue I have just a quick question. I don't mean to interrupt the flow, but do you have a sense of how much longer your questions might take? I am

just asking for the purposes of potentially taking a break here before your questions are...

MS. BOJKO: Please.

MS. WHITFIELD: We can go ahead and take a break. I am maybe like 15 more minutes 15 or 20 more minutes.

EXAMINER ST. JOHN: Let's go ahead and take just a short break so that folks have the opportunity to use the restroom if they need to. We will be back on the record around 11:38.

(Recess taken.)

EXAMINER ST. JOHN: Let's go back on.

- Q. (By Ms. Whitfield) All right.
- Ms. Clingan, if you could look at Exhibit 2A real quick again, the one we were just looking at.
 - A. Yep.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

23

24

- Q. Does the DFAX report that's attached to this compilation of e-mails appear to be a true and accurate copy of the results and cover letter that Staff analyzed and reviewed in preparing its Staff Reports for the Buffalo Ridge II, Elk Creek II, and Moraine and Rugby facilities?
 - A. It does.
 - Q. Do you have any reason to doubt that the DFAXs results and cover letter were actually prepared

by PJM?

- A. I do not.
- Q. And this attached DFAX study is what Staff based their recommendation on?
- A. It's what Staff uses to run its deliverability analysis, yes.
- Q. And base its recommendation with respect to whether the facility is deliverable into the State?
- 10 A. Yes.
- Q. Okay. Now if I could have you pull up what Staff has marked as Staff Exhibit 2B.
- 13 A. Yes.
- Q. First, do you know who Shawn White is?
- 15 A. Yes.
- 16 Q. Who is that?
- A. The Applicant in this case works for the Northern Indiana Public Service Company.
- Q. Okay. And was he listed as the regulatory contact person for the Applicant if you look at Applicants' Exhibit 5? I tried to pull it out for you in the pile to make it a little bit easier.
- MS. BAIR: What is it?
- MS. WHITFIELD: I'm sorry. For the

- record Applicants' Exhibit 5 is the application for Barton Wind.
 - A. I see that, yes.
- Q. In Section C he's listed as the contact person, regulatory contact person?
 - A. Yes.

2.

3

4

5

6

7

8

9

10

18

19

20

2.1

22

23

- Q. But it lists the Applicant as -- the facility and Applicant has Barton Windpower up in A, correct?
 - A. The name of the facility, yes.
- Q. And the facility owner in B is listed as Avangrid Renewables?
- 13 A. Yes.
- Q. And did you come to understand, if you turn back to 2B, that NIPSCO had a PPA with Avangrid for the Barton -- for a portion of the Barton 1 facility?
 - A. It appears so, yes.
 - Q. And what's attached to Exhibit 2B, the e-mail 2B, does this appear to be a true and accurate copy of the results and cover letter that Staff analyzed and reviewed in preparing its Staff Reports for the Barton 1 facility?
 - A. It appears to be.
- Q. And do you have any reason to doubt that

this -- the DFAX results and cover letter for Barton 1 were actually prepared by PJM?

A. I do not.

2.1

- Q. And the e-mails attached to 2B show that the regulatory contact, Mr. White, sent this DFAX study to you?
 - A. That's correct.
- Q. And again, this attached DFAX study marked as 2B is what Staff used to form its basis of its recommendation with respect to whether Barton 1 was deliverable into the State?
- A. Yes, meeting the deliverability thresholds established under Koda.
- Q. Thank you. And now if I could have you turn to Exhibit 2C, and rather than run through these e-mails in detail, is it fair for me to say that the e-mails that you've attached reflect Staff's communications with the Applicant requesting the DFAX study and receiving the DFAX study and then some follow-up issues in between then and after?
 - A. That's fair.
- Q. And with respect to the DFAX report attached at the end of those e-mails, does this appear to be a true and accurate copy of the results and cover letter that Staff analyzed and reviewed in

preparing its Staff Report for the Barton 2 facility?

- A. It appears to be.
- Q. And do you have any reason to doubt the DFAX results and cover letter attached as 2C were prepared by PJM?
 - A. I do not.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

2.2

- Q. And again, do you agree that Staff used the DFAX study attached here to form its recommendation with respect to the deliverability requirement under the Koda test?
 - A. Yes.
- Q. With respect to Barton 2, did Staff have an issue with the original DFAX report that it had received from Avangrid?
 - A. We had a question about it, yes.
 - Q. And what was that question?
- A. The application came in with a facility capacity of 78 megawatts, and the DFAX that we received, the cover sheet specified the facility capacity is 80 megawatts, so we sought clarification on that point.
- Q. Did you -- who did you seek the clarification from?
- A. We initially requested of the Applicant to have the power flow study rerun at 78 megawatts,

```
and then we received clarification from PJM that that was not necessary because changing the capacity would not change the power flows -- power flow. So instead they amended the cover sheet to make that clarification.
```

MS. WHITFIELD: Your Honor, at this time I would like to mark for identification purposes as Applicants Exhibit 11 an e-mail string with the top one dated August 1, 2022, between PJM and Ms. Clingan and others from Staff and Avangrid.

EXAMINER HICKS: Is the numbering right?

MS. WHITFIELD: Your Honor, yes. I have

other things premarked --

14 EXAMINER HICKS: Okay.

MS. WHITFIELD: -- we may address.

16 EXAMINER HICKS: I have multiple sheets

17 too.

1

2

3

4

5

6

7

8

9

10

15

18

19

20

2.1

22

23

24

25

MR. WHITT: For clarity are these exhibits -- are these e-mails in addition to the ones attached to the Staff Reports?

MS. WHITFIELD: I think so. In this pile -- why don't you give me one second to make sure it's not already in here. I flipped through this quickly, and I didn't see it.

So can we go back on the record?

EXAMINER HICKS: We're on.

2.1

MS. WHITFIELD: Your Honors, it is included in the packet of e-mails that Staff attached, but it -- but it doesn't include the attachment which she just testified that they made a correction to the cover sheet or summary report to the DFAX study to address the issue that Staff had noted regarding the 78 versus 80 megawatts.

And so I was just going to -- for clarity and for completeness, I wanted to include that e-mail with the corrected cover sheet because I think we are probably going to hear from or have questions from counsel that this report is dated August 1. There was an initial one that -- and this includes the corrected statement that Staff had inquired about with PJM about and relied upon. And the report was initially issued July 27, 2022, and then Staff asked about this issue and then there was a new report. So I am just trying to put in for the record the attachment that is then -- referenced in this e-mail.

MR. WHITT: If I may, your Honor, the docket for Barton 2, it already includes the updated and revised cover page for the DFAX. I think the docket itself is clear right now apart from any discovery or evidentiary issues. I think additional

```
commentary on that would confuse what already seems to be clear already from the actual docket.
```

MS. WHITFIELD: Your Honor, first, I think I can do the scope of cross that I want but also what's in the docket is not actually in the evidence here on the record, so I am just trying to avoid any issues later that somehow there was some -- two different reports when, in fact, it was just a statement added to the summary sheet for the DFAX report for Barton 2.

EXAMINER ST. JOHN: At this point you haven't moved for the admission of this. I think all that's up for discussion at this point is marking the document and passing it out so let's go ahead and do that. We will mark the document as Applicants' Exhibit 8.

MS. WHITFIELD: Could I mark it as 11? Your Honor, that's what I requested just because I have other things remarked.

EXAMINER ST. JOHN: I'm sorry. I misheard the number. Yes, we will mark it as Applicants' Exhibit 11.

(EXHIBIT MARKED FOR IDENTIFICATION.)

MS. WHITFIELD: May I approach, your

25 | Honor?

2.1

EXAMINER ST. JOHN: Yes.

2.1

2.2

MS. BAIR: May I speak?

EXAMINER ST. JOHN: Yes.

MS. BAIR: I believe this is contained in Staff Exhibit 2C, this exact same thing. Yeah, it is. On page 1 of 2C where the does was -- does not is bolded. There's a discussion about 80 and 78. I don't care if we duplicate, but I do think it's -- we are trying to get it in the record through Staff's exhibits.

EXAMINER ST. JOHN: Where did you say that you saw that in Staff Exhibit 2C?

MS. BAIR: Sorry. We didn't paginate.

It's 2C. You go to the cover letter and then go
blank page and then the next page, page 1, the bottom
paragraph.

EXAMINER ST. JOHN: So the cover letter that I am talking about, this is PJM, so keep going past that?

MS. BAIR: Keep going. Go past that and then it will say "Study of Renewable Resource Impact on Ohio Transmission Facilities." That's the title. Go down to that bottom paragraph. I just want to make sure we are talking about the same thing.

EXAMINER HICKS: I think it is.

reason I wanted to address this e-mail and I can -is to show that there was a correction made. e-mail indicates that PJM added a few lines to the attached which you guys went ahead and incorporated into the PJM report, but I wanted the acknowledgment on the record there was this attempt, and they sent just what's attached to Exhibit 11, just the summary sheet they added. That's all that they changed when they addressed Staff's question about this. It was just the summary sheet and that's why there is a new date from what may --EXAMINER HICKS: So why do you need a new exhibit though? That's all in here. MS. WHITFIELD: Because it makes it -- so in this -- one of these e-mails earlier here it was its own attachment. Like this looks like this was the attachment, okay? EXAMINER ST. JOHN: With the Excel spreadsheet.

MS. WHITFIELD: Your Honor, but the

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

24

25

MS. WHITFIELD: With the correction but what PJM sent in response to Staff's questions was just the corrected -- a new cover page and a new corrected with that last sentence added statement.

MR. WHITT: I would just renew my

objection to discussion of this document based on the fact that it was requested in discovery and not produced. I was hoping we could avoid that debate over acknowledgment that this really is duplicative anyway and need not be entered, but if counsel is going to insist on duplicating that record, I just need to make that record to reserve our position.

MS. WHITFIELD: Maybe I can try to short circuit this and --

EXAMINER HICKS: Maybe just ask the question you said you were going to ask.

MS. WHITFIELD: Yes, yes. Okay.

- Q. (By Ms. Whitfield) So, Ms. Clingan, was the cover -- the cover page and the summary sheet for Barton 2 updated and changed on August 1, 2022?
 - A. Yes, it appears so.
- Q. And that update was the result of your inquiry regarding the generator's megawatts, correct?
 - A. Correct.
- Q. And you included that update in the report that Staff analyzed and considered in reaching its recommendations for Barton 2, correct?
 - A. The most recent version, correct.
 - Q. And that's attached to 2C, correct?
- A. Correct.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

2.2

23

24

- Q. I don't know if I asked this earlier so let me be clear, with that updated update to the DFAX study for Barton 2, is that a true and accurate copy of the results and cover letter that Staff reviewed in preparing its Staff Report for this facility?
 - A. The updated copy, yes.
- Q. And you have no reason to doubt that this updated copy, DFAX study for Barton 2, actually was prepared by PJM, do you?
 - A. I do not.
- Q. And that DFAX study for Barton 2 that's attached as 2C is what Staff based its recommendations regarding whether the deliverability component of the Koda test had been satisfied by this facility?
- 16 A. Yes.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

- MS. WHITFIELD: No further questions, your Honor.
- 19 EXAMINER ST. JOHN: Thank you.
- 20
- 21 EXAMINATION
- 22 By Examiner St. John:
- Q. Ms. Clingan, I have just a few very brief questions for you. And if the better person to ask this -- these questions to would be Mr. Cross, feel

free to just let me know that too.

A. Sure.

2.1

- Q. So the DFAX studies that are attached to Staff Exhibits 2A, 2B, and 2C have a couple different pieces to them. What I am seeing when I look at them is I am seeing a cover sheet that has PJM on it and it says "DFAX Analysis" and then there is a next page that says it's left intentionally blank and then there's one to two pages depending on the DFAX report that says it's -- it's kind of a narrative.
 - A. Yes.
- Q. And then there is another part that looks like an Excel spreadsheet with a lot of data on it.
 - A. Yes.
- Q. My question to you just because I don't know Staff's process, just out of curiosity, and I want to make sure I get a good understanding of what Staff's process was, what portion of the DFAX report does Staff actually look at when it's making its analysis on deliverability? Does Staff focus on this first page of the narrative, or does Staff look at the data in the Excel spreadsheets to run its analysis?
- A. That would be a better question for Witness Cross.

EXAMINER ST. JOHN: Okay. Thank you. I appreciate that. I didn't have any other questions.

So, Ms. Bair, I will go ahead and turn things back over to you for any redirect.

MS. BAIR: Yes, thank you. I have a couple of questions.

EXAMINER ST. JOHN: Go ahead.

REDIRECT EXAMINATION

10 By Ms. Bair:

1

2

3

4

5

6

7

8

9

11

12

13

14

19

20

2.1

22

- Q. Do you recall being asked about how many cases have been approved, REN cases, in 2022? Do you recall that line of questioning? Sorry.
- A. Yes.
- Q. Do you know how many cases or about how many cases have been approved in 2022?
- A. We've certified over 500 facilities in 2022.
 - Q. And what dictates which ones are docketed?
 - A. Since 2020, the only applications that are filed in the DIS docketing system are the ones that are suspended from our auto approval process.
- Q. And what happens to the others? Where are they? Can they be found?

A. The application process in 2020 moved to a Salesforce platform that is accessible through the Commission's website. By rule we have a 30-day auto approval process, so any application that is not suspended within the 30 days is auto issued by the Salesforce system.

2.1

- Q. What would qualify for a case -- what makes a case be suspended?
- A. Since 2020 when we moved to the Salesforce platform, we would automatically suspend an application from a noncontiguous state where there is a component, an extra component such as deliverability that needs to be examined by Staff because there is no other way for Staff to file a Staff Report other than through the docket, through the DIS system.

There are other reasons other than deliverability for which -- for an application being suspended. If we don't have complete information within 30 days, if it's an unusual or technology that Staff hasn't seen before or any other question that might rise to the level of further review and consideration by Staff or the Commission.

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

405 EXAMINER ST. JOHN: Mr. Whitt, do you 1 2 have any recross for the witness? 3 MR. WHITT: I quess just very briefly. 4 5 RECROSS-EXAMINATION 6 By Mr. Whitt: 7 Ma'am, would you consider -- well, if we Ο. go to the docket of the Barton 2 application, Case 8 22-380, would you agree, subject to check, that the 9 10 docket in that case shows the actual DFAX that Staff 11 received from PJM and actually with two different 12 cover letters and two different explanations 13 indicating why the analysis was changed from 80 14 megawatts to 78 megawatts? All of that is available 15 in the docket, correct? 16 MS. BOJKO: Objection. MS. BAIR: Objection. Oh, did you 17 18 object? 19 MS. BOJKO: I did. 20 MS. BAIR: Far beyond the scope of 2.1 redirect. 22 MS. BOJKO: That was my objection as 23 well. 24 EXAMINER ST. JOHN: Mr. Whitt? 25 MR. WHITT: The only point I am trying to

make is in the Barton proceeding, Barton 2 proceeding, everything Staff reviewed that's been talked about today is available in the docket by anyone who wants to look at it for the Barton 2 case.

2.1

Q. (By Mr. Whitt) That is not the case for any of the other applications, correct?

MS. BOJKO: Objection, your Honor.

Counsel is testifying. It's not answering the beyond the scope of redirect objection.

MR. WHITT: It's confirmable by reference to the Commission's own records.

EXAMINER ST. JOHN: Right. But the objection isn't that. The objection is that it goes beyond the scope of redirect questions. Do you have any response to that?

MR. WHITT: Well, I thought I heard questions going through each of these DFAX reports to confirm what Staff looked at. I am just trying to wrap it up, make sure it's clear that in the actual docket accessible by the public, the docket for Barton 2 has all of the DFAXs that we talked about today, and the same DFAXs are in the actual docket of that proceeding. That's not the case with the other applications.

EXAMINER ST. JOHN: I am going to go

ahead and sustain the objection. I think that's something you could have asked on your initial cross and goes beyond the scope of the redirect.

MR. WHITT: Very well.

MS. WHITFIELD: No questions, your Honor.

EXAMINER ST. JOHN: Okay. All right.

With that before I ask Ms. Clingan to step down, we have a number of exhibits that have been marked while Ms. Clingan has been on the stand. I would first like to address Staff Exhibits 2, 2A, 2B, and 2C. I can't recall if, Ms. Bair, if you had moved to have those admitted into evidence?

MS. BAIR: Yes. I move to have those admitted into evidence.

EXAMINER ST. JOHN: And are there any objections to the admission of those four exhibits?

MS. WHITFIELD: No objection from

18 Applicants.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

19

20

MS. BOJKO: No objection from Blue Delta.

MR. WHITT: No objection from the

21 Applicants -- from CSG. Sorry. I have not

22 switched -- I have not switched sides.

EXAMINER HICKS: That would be the ultimate plot twist.

25 EXAMINER ST. JOHN: Hearing no objection,

those four exhibits will hereby be admitted into the record.

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

(EXHIBITS ADMITTED INTO EVIDENCE.)

EXAMINER ST. JOHN: Next, I will go ahead and take up Staff's Exhibits 3, 4, 5, 6, 7, and 8.

Again, Ms. Bair, I apologize, but I don't recall if you had moved to have those admitted into evidence.

MS. BAIR: I move Staff Exhibits 3 through 8 into evidence.

EXAMINER ST. JOHN: Are there any objections to the admission of those exhibits, Staff Exhibits 3 through 8?

MS. WHITFIELD: No objection.

MR. WHITT: None.

MS. BOJKO: None, your Honor.

MR. WHITT: None from CSG.

EXAMINER ST. JOHN: All right. Hearing no objections, those exhibits are admitted as well.

(EXHIBITS ADMITTED INTO EVIDENCE.)

EXAMINER ST. JOHN: There was one additional document that was marked and that was Applicants' Exhibit 11. Would you like to move that into evidence?

MS. WHITFIELD: Not at this time, your
Honor. I think we covered it with her testimony.

Proceedings

409 EXAMINER ST. JOHN: Excellent. Thank 1 2 you. 3 And with that, Ms. Clingan, thank you for 4 your testimony. 5 THE WITNESS: Thank you. 6 EXAMINER HICKS: Ms. Bair, you may go 7 ahead and call your next witness. MS. BAIR: Thank you, your Honor. Staff 8 9 calls Jason Cross as its next witness, please. 10 EXAMINER HICKS: Good I quess it's 11 afternoon. 12 (Witness sworn.) 13 EXAMINER HICKS: Thank you. 14 Go ahead whenever you are ready, Ms. Bair. 15 16 MS. BAIR: Thank you. 17 18 JASON CROSS 19 being first duly sworn, as prescribed by law, was 20 examined and testified as follows: 2.1 DIRECT EXAMINATION 22 By Ms. Bair: 23 Q. Could you please state your name for the 24 record. 25 A. Jason Cross.

- Q. By whom are you employed and in what capacity?
- A. Public Utilities Commission, I work in the Power Siting Department.
- 5 MS. BAIR: Your Honor, may I approach the 6 witness?
- 7 EXAMINER HICKS: Yes.
- MS. BAIR: Your Honor, I would like to
 have Jason Cross's testimony filed on August 26,
 marked as Staff Exhibit 1.
- 11 EXAMINER HICKS: So marked.
- 12 (EXHIBIT MARKED FOR IDENTIFICATION.)
- Q. (By Ms. Bair) Mr. Cross, could you please identify Staff Exhibit 1.
- A. Yes. It is my testimony, prefiled testimony.
- Q. Was that prepared by you or under your direction?
- 19 A. Yes.

1

- Q. Do you have any changes or additions to make to this testimony?
- 22 A. No.
- Q. If you were to ask you the questions contained in Staff Exhibit 1 today, would your answers be the same?

A. Yes.

2.1

MS. BAIR: Your Honor, I move Staff Exhibit 1 into evidence, subject to cross-examination.

EXAMINER HICKS: Thank you.

I will turn it over to Mr. Whitt for any cross-examination.

MR. WHITT: Thank you, your Honor.

CROSS-EXAMINATION

11 By Mr. Whitt:

- Q. Very briefly, Mr. Cross, did you have involvement in or make a contribution to the Staff Reports that are filed in these cases?
- A. I -- I receive -- the project lead requests that I do the DFAX study, and I send my analysis of the DFAX study to them. I do not write the Staff Report.
- Q. Understood. So are you the individual that for each of these applications who would review the PJM we'll call it the cover letter and spreadsheet and determine the appropriate values that Staff will consider in determining whether the deliverability standard is met?
- 25 A. Yes.

- Q. Okay. And did you do that for each of these six applications?
 - A. I did.
- Q. Okay. I noticed in the spreadsheets that there are various values that are highlighted, correct?
 - A. Yes.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

- Q. And are those highlights something that PJM does before they turn the report over to Staff or the Applicants or the requesting party?
- A. That would be my assumption. When I receive them from the Applicant and the case lead, yes, they are highlighted.
 - Q. And the information that's highlighted are values of 5 percent or greater; is that correct?
 - A. Correct.
- Q. And if we look at -- let's use Staff
 Exhibit 2C as our example.
- 19 A. 2C.
- Q. That's Barton 2.
- 21 A. I have it.
- MR. WHITT: And I am not sure, Ms. Bair,
 the highlights would actually show up on this copy or
 not. I think that they do.
- MS. WHITFIELD: They do.

- Q. Sort of, I would say, somewhat sporadically through the document you can see where there has been some highlighting of the greater than 5 percent values, correct?
 - A. Yeah. Very lightly, yes.
- Q. And if we look just without even reading the values but just seeing what's highlighted, the spreadsheet would indicate that these 5 percent values apply to very few of this list of facilities here; is that fair to say?
- A. Yes.

2.1

- Q. Okay. And I noticed in some instances there are negative values that are highlighted.
 - A. Yes.
 - Q. And what does a negative DFAX value indicate?
 - A. The negative means the energy is flowing the opposite direction. So if it's a positive, it's flowing one direction. If it's negative, it's flowing the other direction.
 - Q. When you say flowing the other direction, what -- what do you mean by that?
- A. Still -- it's still -- it's still
 reaching Ohio. It's just reaching -- it's coming at
 a neglect value to Ohio.

Q. So with --

2.1

- A. When -- sorry.
- Q. I'm sorry. Go ahead.
- A. When we do our analyses, we take the absolute value of that field. We -- sorry. That's it. We take the absolute value of that field.
- Q. Well, I'm about to stray into an area that I am even less knowledgeable of than electrical engineering, that is mathematics, but I seem to recall that in math an absolute value disregards integers, positive or negative. That an absolute value is just a number; is that correct?
 - A. Yes.
- Q. And are you saying that if there's a positive DFAX value, that means that the -- there is a certain megawatt impact or certain megawatts from a facility impacting a transmission line by adding load to that line?
 - A. Can you repeat that?
- Q. Yeah. And I guess maybe to help us out, let's look at footnote -- the footnote that's on page 3 of your testimony.
 - A. Testimony. Yes, I have it.
- Q. In the example that you provide in your footnote, "100 megawatt facility with a DFAX value of

6 percent means modeling indicates that 6 megawatts is deliverable to a sink point in Ohio, meeting the first criterion."

A. Correct.

2.1

2.2

- Q. So if there was -- if the DFAX value was minus 6 percent, would that mean that the facility is drawing 6 megawatts out of Ohio somewhere else or that 6 megawatts of additional capacity is now available on the facility?
- A. So as I said, we would be taking the absolute value of that so that -- that 6 megawatts would still reach Ohio under -- under our criteria.
- Q. Okay. For Barton -- Barton 2, we are still in Staff Exhibit 2C --
 - A. Yes.
 - Q. -- there seemed to be a negative value of minus 20.02 -- I'm sorry. I am looking at the wrong spreadsheet. The Staff Report for Barton 2 indicates the greatest impact occurred on a certain line and that the value was 17 percent. Is that consistent with your recollection?
 - A. Yes.
- Q. Okay. The spreadsheet seems to indicate that there was also a facility for which the Barton 2 facility had a minus 21.08 percent impact. And

regrettably I don't have page or line numbers to refer you to on these spreadsheets.

MR. WHITT: I can come show the witness and the Bench kind of what I am looking at.

EXAMINER ST. JOHN: Is this one of the highlighted fields on the very right-hand side?

MR. WHITT: It actually is, and I would say it's about at least three-fourths of the way through the document.

10 EXAMINER HICKS: Is there something he needs other than the value?

MR. WHITT: No.

13 EXAMINER HICKS: Is anyone --

14 THE WITNESS: What was it again?

15 EXAMINER HICKS: -- concerned that value

16 is not there?

1

2

3

4

5

6

7

8

9

19

20

2.1

2.2

23

24

25

value?

MS. WHITFIELD: I think it's on the fourth page from the back of what --

THE WITNESS: Fourth page from the back?

MS. WHITFIELD: Yes, 2C.

A. I see that. It's the 21.08, correct?

Q. Yes.

A. Yes, I have that.

Q. Wouldn't that be the greatest absolute

Α. Yes.

1

2

3

4

5

6

7

8

9

12

13

15

16

17

18

19

20

2.1

2.2

- Is there a reason why 17 percent is Q. reported as the greatest absolute value?
- Α. If you look -- if you look to the left over there and on that page in that 21.08, it would be line names.
 - Ο. Okay.
- The to and from line names, those lines Α. are not in Ohio.
- 10 I see. And how did you make that Ο. 11 determination?
- Α. I took -- I took the name of the line that PJM provided, the bus number and line name, and 14 I cross referenced that with their system map to verify that that line was not in Ohio.
 - Okay. So when you review the spreadsheet Ο. for PJM, you are looking initially at the cells that are highlighted, fair to say?
 - Α. Yes.
 - Ο. And then even when you identify those highlighted cells, you then have to determine whether the line has some connection to Ohio, fair to say?
- 23 Α. Fair.
- 24 Okay. Since we are still in Exhibit 2C, Ο. 25 if you go to the PJM cover letter --

1 MS. WHITFIELD: Are we still on

2 Exhibit 2C?

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

MR. WHITT: Yes.

- A. Yes, I have it.
- Q. And the cover letter for Exhibit 2C, if you look just above where the Barton Wind 2 reference is in the list of facilities, I want to draw your attention to the second to the last sentence before we -- that facility is listed. And the sentence begins with the word "Finally."
 - A. Yes, I'm there.
- Q. And it says "Finally, it was confirmed that there were a number of EHV transmission facilities on which at least 5 percent of the maximum facility output from the wind resource would be expected to flow if they were to deliver their maximum facility output into PJM." Did I read that correctly?
 - A. Yes.
- Q. And would you understand the term
 "Maximum Facility Output" is capitalized here,
 correct?
- 23 A. Yes.
- Q. Would you understand that to mean that this is a defined term within the meaning of PJM's

tariff?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

- A. Subject to check their tariff, but yes.
- Q. And have you had discussions with anyone at PJM about what the phrase "if they were to deliver their Maximum Facility Output into PJM," what that means?
 - A. No, we have not had those conversations.
- Q. If you go to the same place in Staff Exhibit 2A.
 - A. PJM cover page?
- Q. Yes. The same sentence, it says
 "Finally, there were EHV transmission facilities on
 which at least 5 percent of the energy from these
 wind resources would be expected to flow if they were
 to deliver their energy into PJM," correct?
 - A. Yes.
- Q. That sentence says something different than the sentence we just read in Exhibit 2C, correct?
- A. It says "energy" versus -- I can't remember what the other one.
- Q. "Maximum Facility Output."
- A. Output, yes.
- Q. Likewise if you look in Staff Exhibit 2B, the PJM cover letter in Exhibit 2B, the sentence we

just read in 2A is worded the same in Exhibit 2B where the term "energy" is used rather than the term "Maximum Facility Output," correct?

- A. Yes.
- Q. And Exhibit 2C is the information that Staff received directly from PJM, correct?
 - A. Correct.

MR. WHITT: No further questions.

EXAMINER HICKS: Thank you, Mr. Whitt.

Turn it over to Applicant, do they have

11 any cross?

MS. WHITFIELD: Yes, just a few, your

13 Honor.

1

2

3

4

5

6

7

8

9

10

14

15 CROSS-EXAMINATION

- 16 By Ms. Whitfield:
- Q. Good afternoon, Mr. Cross. You have been in the hearing room all week, have you not?
- 19 A. I have.
- Q. And you are aware that there were some
 discussions about incorrect copies of the DFAX
 spreadsheets attached to comments filed in this case,
 correct?
- 24 A. Yes.
- Q. And in your review, which reports did you

actually review to do your analysis? The ones attached to the filings in the docket or the ones that the DFAX studies forwarded and e-mails to Staff that have been marked as Staff Exhibits 2A, 2B, and 2C?

- A. The ones that have been marked Staff's Exhibits 2A, 2B, and 2C.
- Q. So do you believe that you reviewed the correct spreadsheets that correlated with the PJM cover sheets and the summary report?
 - A. I do.

2.1

- Q. And so your analysis was of the correct spreadsheets attached to marked 2A, 2B, and 2C, correct?
 - A. Correct.
- Q. And I take it from questions -- or answers that you just gave to Mr. Whitt, you would review in doing your analysis both the narrative summary report from PJM as well as the detailed table attached to that in doing your own analysis?
- A. Yes. I look at that cover page and then I pull up the DFAX that was provided by the Applicant and then I do my own analysis to make sure it meets our standards.
- MS. WHITFIELD: No further questions,

your Honor.

2.1

EXAMINER HICKS: Thank you.

I believe 3Degrees indicated no cross.

MR. MILLER: Correct.

MS. WOODS: Correct.

EXAMINER HICKS: Ms. Bair, any redirect?

_ _ _

EXAMINATION

By Examiner St. John:

- Q. I have just one quick question first. I apologize if this is duplicative of some of the questions you were just asked, but could you walk me through step by step the process of what you review when you receive this DFAX report?
- team that was filed by the Applicant. I pull up that DFAX. I filter out values that are greater than 5 percent of the DFAX value and then I come back and I look at the lines that those DFAX values are associated with. I look for ones that are in Ohio, at least one point is in Ohio. I do my analysis on one point and two points. I make sure that those are above 5 percent. Once they are above 5 percent, I take the output of the facility, the energy, and I do a calculation multiplying with that DFAX. And if

```
it's above 1 megawatt, then it meets our second test, and it's deliverable to Ohio.
```

- Q. That information you were just talking about comes from the spreadsheet itself rather than the one- to two-page narrative?
- A. Yeah. Like I said, I review the PJM, what they sent, but we do our analysis based on the Excel sheet of the full DFAX study they provide, the Applicant provides.
- EXAMINER ST. JOHN: Okay. Thank you.

 Appreciate it.
- 12 EXAMINER HICKS: Thank you.
- Ms. Bair, any redirect or do you need a moment or?
- MS. BAIR: I have no redirect, and I move

 16 Staff Exhibit 1 into evidence.
- EXAMINER HICKS: Okay. Is there any objection to the admission of Staff Exhibit 1?
- MS. WHITFIELD: No objection from
- 20 Applicants.

2

3

4

5

6

7

8

- 21 MR. WHITT: No objection.
- MS. BOJKO: No objection.
- 23 EXAMINER HICKS: Staff Exhibit 1 is
- 24 admitted.
- 25 (EXHIBIT ADMITTED INTO EVIDENCE.)

EXAMINER HICKS: I believe that's it from 2 Staff.

Mr. Cross, thank you for your testimony today.

Let's go off the record.

6 (Recess taken.)

5

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

2.2

23

24

EXAMINER ST. JOHN: Let's go ahead and go back on the record.

While we were off the record, we took a brief recess and also had discussed the possibility of presenting recall witnesses. Also the order of recall witnesses was discussed. And at this time, Ms. Bojko, I will go ahead and turn things over to you.

MS. BOJKO: Thank you, your Honor. I'm not sure I need this because I do speak loudly as you all know and that's Kim's personality, but I will turn it on just in case.

Your Honors, at this time the Applicants and Blue Delta would like to call -- recall their joint witness Mr. John Chiles to the stand.

EXAMINER HICKS: Thank you. Would you say please raise your right hand.

(Witness sworn.)

25 EXAMINER HICKS: Go ahead, Ms. Bojko.

	425
1	MS. BOJKO: Thank you, your Honor.
2	
3	JOHN CHILES
4	being first duly sworn, as prescribed by law, was
5	examined and testified further as follows:
6	DIRECT EXAMINATION
7	By Ms. Bojko:
8	Q. Mr. Chiles, please state your name for
9	the record.
10	A. My name is John Chiles.
11	Q. And, sir, on whose behalf are you
12	testifying today?
13	A. I am testifying on behalf of the
14	Applicants
15	MS. WHITFIELD: Excuse me. Can the
16	witness turn on his microphone? Thank you.
17	A. I am testifying on behalf of the
18	Applicants, Avangrid Renewables, and Blue Delta
19	Energy.
20	Q. Sir, do you recall testifying earlier in
21	the week in this case, I believe on Monday,
22	December 5?
23	A. Unfortunately, I do.
24	Q. And, sir, were you in the hearing room on
25	Tuesday, December 6, 2022, when it was discovered

that a document compilation error occurred and the incorrect spreadsheets were attached to your direct testimony that was dated August 12, 2022?

- A. Yes, I was in the room for that.
- Q. So, sir, what is the purpose of your testimony today?
- A. The purpose of my testimony today is to confirm that the document compilation error did not affect my prefiled testimony and to sponsor the corrected attachments attaching the DFAX studies that are in question.
 - Q. And, sir --

2.1

MS. BOJKO: Your Honors, at this time I think it would be helpful if I just go ahead and mark as Joint Exhibit 1A the corrected Attachment A to Joint Exhibit 1 which was the direct testimony of Mr. Chiles. May I approach, your Honor?

EXAMINER HICKS: So marked and, yes, you may.

(EXHIBIT MARKED FOR IDENTIFICATION.)

- Q. (By Ms. Bojko) Mr. Chiles, do you have in front of you what's been marked as Joint Exhibit 1A?
 - A. The corrected attachment, yes, I do.
- Q. Do you recognize this document as the corrected Attachment A which includes corrected

- appendices to your expert report that was attached to your direct testimony?
 - A. Yes. These are the corrected attachments.
 - Q. And you said on Monday that the direct testimony was prepared by you or under your direction; is that correct?
 - A. That is correct.

2

3

4

5

6

7

8

9

10

16

17

18

19

- Q. Could you explain the changes to the corrected Attachment A that you are providing today?
- A. Yes. The changes to the corrected

 Attachment A are the DFAX spreadsheets for the four

 Avangrid facilities, and then the second attachment

 is the corrected DFAX report for the Barton Wind

 facility.
 - Q. Okay. And those corrected spreadsheets are in Joint Exhibit 1A; is that right?
 - A. Yes, they are.
 - Q. And did you previously receive the corrected spreadsheets?
- A. I did. I received those -- I received
 those spreadsheets as part of correspondence with my
 clients.
- Q. And your clients meaning Avangrid and Blue Delta?

A. That is correct.

2.1

2.2

- Q. And how did you receive the three DFAX summary reports, cover sheets, and Excel spreadsheet files regarding the facilities?
- A. I received three e-mails from the clients. Within those e-mails there were two attachments. The first is a PDF which is the PJM cover sheet and summary report. Then the second is the voluminous spreadsheet of the Excel file which is the DFAX analysis in native format.
- Q. Okay. So let me understand, when you received a PJM DFAX report summary cover sheet and spreadsheet, the e-mail contained two distinct and separate documents, attachments?
- A. That is correct. As I said, there's a PDF of the PJM cover sheet and DFAX summary and then the second is a completely separate Excel spreadsheet in native format which is the DFAX information which I used for my assessment.
- Q. Okay. So which spreadsheets did you review for purposes of your analysis, the ones attached to Joint Exhibit 1A or the ones that were attached mistakenly to Joint Exhibit 1?
- A. I reviewed the DFAX files from the corrected Joint Exhibit 1A. Those are the files I

had received.

2.1

- Q. And how did you review those files, sir?
- A. I reviewed those files similar to what Staff Witness Cross indicated. I went through them and reviewed line by line the DFAX data, No. 1, to make sure that there was consistency with line information and ratings, flows, et cetera.

I also then went and performed a similar analysis to what Mr. Cross did which is filtering of the DFAX information looking at elements which were greater than or -- greater than plus 5 percent DFAX or less than a minus 5 percent DFAX. And then upon completing that review, I then looked at the identified facilities that were considered, and I made sure we included those and only those that were either sourced completely within Ohio or that were touched at a single point in Ohio.

- Q. Okay. But what format? Did you print them out? Did you look electronically? What format did you review?
- A. No. That -- that format I reviewed the electronic version because the printed format, as I think we have all seen, is over 3,300 lines of data, and I don't think any of us would really enjoy going through 3,300 lines of data on paper to do that

analysis, so I did use the electronic version that I had been given.

Okay. And in preparing your expert Ο. report, which spreadsheets did you review and analyze?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

2.2

23

- I reviewed the spreadsheets for the four Avangrid facilities that were provided by my client from PJM. I reviewed the DFAX report for the Barton facility, and I reviewed the DFAX report for the Barton 2 facility in addition to the DFAX reports from PJM, the PDF files.
- Ο. Okay. Specifically to the spreadsheets, did you review the spreadsheets for purposes of analyzing and drafting your expert report from Joint Exhibit 1 or Joint Exhibit 1A?
- I used the information from Exhibit 1A because those were the only files I had received.
- And for purposes of drafting your Q. testimony, did you use the electronic spreadsheets from -- that were printed in Joint Exhibit 1 or that have now been printed in Joint Exhibit 1A?
- I used the exhibits in Joint Exhibit 1A, Α. the electronic versions.
- And why didn't you forward the Ο. 25 spreadsheets that you reviewed and analyzed with your

expert report for filing with the comments?

2.1

2.2

- A. Because counsel had also received copies of that information so there was no need in my mind to attach a PDF of a 3,300 line spreadsheet for my expert report, and my report was a document based upon filed DFAX spreadsheets I had received. Counsel had a copy of those and so that's what I submitted.
- Q. But when you filed -- when you sent your expert report for filing, did you create appendices?
- A. I created no appendices. I created three title pages in the report which we've read are listed as Appendix A, Appendix B, and Appendix C which detailed what I was referencing in my expert report which was the DFAX reports and the DFAX information for the associated facilities.
- Q. And then you -- it was your understanding that counsel would then insert in between -- or after your cover sheets the correct PJM DFAX cover sheets and spreadsheets?
- A. That is correct. I am not familiar with the filing procedures here in the State of Ohio, so I deferred to counsel to put that together.
- Q. And is it your understanding that the corrected spreadsheets that are in Joint Exhibit 1A were the -- were the spreadsheets that Staff

reviewed?

2.1

- A. They are. Actually going back to how all this started on Tuesday, once we received those reports from Staff, the hard copies, I spent most of the day yesterday and part of the evening on Tuesday going line by line comparing the files I had received to the files that Staff produced. And in that comparison of almost 10,000 lines of data, I confirmed that the data was exactly the same as what I had reviewed between their file and my file.
- Q. And now looking back, sir, at what was actually filed in the Commission's docket, is it your understanding that that document compilation error was created in the original expert report that was filed with Blue Delta's initial comments and Avangrid's initial comments?
 - A. That is my understanding, yes.
- Q. And then it's your understanding that the document compilation error was carried forward when filing your testimony with the Commission?
 - A. That is correct.
- Q. Did -- when you sent your expert report to counsel, was it your understanding that counsel already had both the DFAX cover sheet, summary report, and Excel spreadsheets?

A. Yes, because I believe counsel received the same e-mail that I received from the -- from Blue Delta and Avangrid.

2.1

- Q. And were the DFAX report cover sheets and summary reports attached to your expert testimony, correct, Joint Exhibit 1?
- A. Let me confirm. I just want to make sure I have the correct one for 1C. Just a minute. For 1A and 1B I can confirm that. Actually the Appendix C for Barton 2 had the 80 megawatt reference to the facility output, and as we have discussed, there was a second one which was a revision which was a 78 megawatt facility output. It should be noted that the DFAX percentages don't change based upon the output of the units, so the DFAX reports, the spreadsheet would not have needed to be created.
- Q. Okay. And in Joint Exhibit 1A, the correct DFAX report cover sheet, summary report, and now spreadsheets for all six facilities are in Joint Exhibit 1A; is that correct?
- A. Subject to just a second to check, I will confirm that for you.
- Counselor, it appears in Appendix 1C that the PJM file, the PDF file actually still refers to the 80 megawatt facility. It does not refer to the

78 megawatt facility, but as I stated, the DFAX results on the percentages are unchanged.

2.1

- Q. Okay. And does your analysis in your expert report or your testimony change with the corrected attachments?
- A. It does not. The results of my analysis are consistent with the reports and files that I was given.
- Q. And does your testimony change with the corrected attachments?
- A. It does not because, once again, the DFAX information is consistent with what I reviewed. As I mentioned, also consistent with what Staff reviewed in their analysis.
- Q. Mr. Chiles, your expert report was originally created prior to the submission of comments because your expert report was attached to the comments; is that correct?
- A. That is correct. I believe the comments were due on November 18, and I had produced my expert report and had given it to counsel and my clients prior to that date.
- Q. And after forwarding your expert report with the appendices' cover sheets, you did not go to the Commission's docket and assure that counsel

correctly attached the right spreadsheets, did you?

2.1

- A. I focused on my testimony. I focused on my expert report to confirm that the statements I made in that were consistent and correct and that was what my focus was.
- Q. So you had no reason to go and check what was actually filed on the docket?
- A. I would have had no reason to check what was filed in the docket because, once again, I had three reports that I reviewed and those were the three reports I assumed would be attached.
- Q. And when I handed you Joint Exhibit 1 on Monday, did you sit here on the stand and look through the spreadsheets to confirm that the right ones were attached to the exhibit that I handed you?
- A. For the benefit of everybody, I did not.

 Otherwise we would be sitting here until next Tuesday having the same discussion.
- Q. Thank you for that. If I were to ask you the same questions today as they appear in your direct testimony now with the corrected attachment, would your answers be the same?
 - A. They would.
- Q. And, sir, Mr. Chiles, did you know of this document compilation clerical error when you

testified on Monday?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

- A. I had no idea. I found out about it at 1:40 p.m.
 - Q. On which day?
- A. It would have been on Monday after -- I am trying to think. It was either Monday or Tuesday, whenever it was raised. Because I had been through Monday, thought we were in good shape. And then Tuesday this was raised, and I found out about it at that point which is why on Tuesday and Wednesday I went back and looked at what I had received, looked at what Staff had filed, and compared line by line to make sure that I had actually had the correct information.
- Q. And, sir, did you knowingly make any false statements on the record on Monday when you testified?
- A. No, I did not.
- MS. BOJKO: Thank you.
- No further questions, your Honor.
- 21 EXAMINER HICKS: Thank you. I think
- 22 Mr. DeMonte. Okay. I will turn it over to you for
- 23 any cross-examination questions you may have.
- MR. DeMONTE: Thank you, Judges.
- 25 | -

CROSS-EXAMINATION

2 | By Mr. DeMonte:

2.1

- Q. Good afternoon, Mr. Chiles.
- A. Good afternoon, Mr. DeMonte.
- Q. You testified that you reviewed the DFAX reports electronically in preparation for your expert report, correct?
 - A. That is correct.
- Q. And you also, I think, said that's because it's very hard or challenging, I don't recall exactly the word but that's the intent, of having to review this if it was just printed out in a hard copy format.
- A. Yeah. I am not saying it's impossible to review a hard copy but if you are trying to filter through --
 - Q. Close, right?
- A. -- all this and get an answer, consistent with the analysis that was required, definitely the preferred optimal method would be to use the electronic method.
- Q. And with respect to the -- your preferred method, but I just want to confirm that's what you did, you looked at things electronically, correct?
 - A. Actually I looked at both, sir. As I

mentioned, I looked at the electronic version to develop my expert report, and then after things kind of unfolded on Tuesday, I went back and I looked at that. I also printed out the version to make sure there was no issues. I looked at the printed versions of that versus the Staff Report, and I confirmed all that information line by line.

2.1

- Q. And you printed everything out and reviewed the hard copy. Just want to confirm on Tuesday night, that was the first time you did that?
- A. Well, my -- what I did on Tuesday, I was printing out the hard copy of this information along with the Staff information, the DFAX reports which we had all received that day, and I began going line by line through Staff exhibits and my printer versions of what I had received to confirm that what I had received was consistent with what Staff had reviewed. And that was my day on Tuesday evening and all day yesterday so I hope you had a good time because I certainly was not.
- Q. Yeah. I am not suggesting anything that we have done here has been particularly easy.

 What -- I am just trying to confirm timing, and I thank you for confirming the timing of what you did and when you did it. With respect to the 1C cover

```
page that's in corrected Attachment A, I believe you just testified that's -- just confirming I believe you just testified the 1C cover page is still different than the Staff Exhibit 1C cover page; is that right?
```

A. I would have to see Staff's cover page to confirm. I believe it refers to the 78 megawatt amount for -- for the unit if I can find that here somewhere.

EXAMINER ST. JOHN: Does anyone know if that's in Staff Exhibit 2A, 2B, or 2C?

MR. DeMONTE: Oh, 2C, thank you, your

Honor.

A. 2C?

2.1

Q. 2C.

A. I just want to confirm the language, sir.

Just a moment.

That is correct, sir. In the Staff exhibit there is -- there are two sentences added and they read as follows: "Please note that the Barton Wind 2 branch solar is modeled as an 80 megawatt generator in PSSC. However, according to the customer, one wind turbine has been decommissioned and the total MFO of the plant is 78 megawatts." I assume that's maximum facility output. "This change

does not, "highlighted does not, "change the DFAX analysis results."

2.1

So in terms of the DFAX analysis results of the spreadsheet, that report is consistent with what I reviewed and what Staff reviewed. In terms of the megawatt calculation which would be the 1 megawatt criteria, if you use that result, the different -- only because you would be using a 78 megawatt base versus an 80 megawatt base for the megawatt calculation.

Q. Thank you, Mr. Chiles.

MR. DeMONTE: So, your Honor, I would ask just to strike everything other than, "Yes, it's different" because my question was the Attachment A cover letter, that's different than what's in Staff 2C.

EXAMINER HICKS: Denied. Continue.

MR. DeMONTE: Thank you.

- Q. (By Mr. DeMonte) Sir, you've reviewed, as you indicated, the spreadsheets that were attached to the comments of both the Applicants and Blue Delta as part of Appendix A and Appendix B, correct?
- A. Is that the corrected Appendix A and B, sir?
- Q. No, the originally filed. You have now

since looked at the information that had been originally filed as what has now been determined to be incorrect information in Attachment A and Attachment B.

1

2

3

4

8

9

10

14

15

16

17

18

19

20

2.1

- 5 A. It would only be in corrected Attachments 6 2A and 2B. The Barton 2 file, DFAX file, is the same 7 as our 2C.
 - Q. Yes. I am asking about Appendix A and Appendix B and the comments, okay?
 - A. That would be correct, sir.
- Q. Okay. You have reviewed that information today as you sit here on the stand, correct?

MS. BOJKO: Objection as to the timing.

I don't think it's ever been that he reviewed it today. Could you rephrase? I am not sure I understand the question.

MR. DeMONTE: Sure.

- Q. (By Mr. DeMonte) I am asking if you have reviewed the information that was attached as Appendix A and Appendix B because I would like to ask you some questions about that, if you know.
- MS. BOJKO: I'm sorry. Appendix A and
- 24 EXAMINER HICKS: To the comments.
- MR. DeMONTE: -- to the comments of Blue

Delta and the Appellant -- the Applicants.

2.1

MS. BOJKO: There are no Appendices A and B to the comments. There is appendices to an expert report that is attached to the comments. I'm assuming that's what we are talking about because there are other attachments to the comments, your Honor, so I just want to make sure we are clear.

- Q. (By Mr. DeMonte) Mr. Chiles, did you review the Appendix A and Appendix B that was attached to your expert report that was filed with the Applicants and Blue Delta's comments in this case?
- A. I did. I cannot recall when, but I did review those, and I noted they were not relevant to the six facilities in this case, so I did not rely on that for anything nor did I include them in my expert witness testimony or my expert report.
- Q. So this information didn't come from your office.
- A. I received an e-mail with that information which I believe was received on the 18th of November, the same day the comments were due. I am not sure why I received it or why it was sent to me, but when I developed my expert report prior to that date, I had received three e-mails, sir. And

those three e-mails included the corrected appendices, Joint Exhibits 1A, 1B, and 1C as we've referenced today.

2.1

- Q. And so the first time you -- you would have received the incorrect appendix A and incorrect appendix B to your expert report that was filed with the comments, you received that from counsel's office?
- A. I received that from Blue Delta Energy, and I believe that counsel was copied on that e-mail.
 - Q. Did you open it when you received it?
- A. I make a habit to open my e-mails when I receive things, yes.
- Q. And did you open the Excel spreadsheets for that -- that was filed as Appendix A and Appendix B?
- A. I did open the spreadsheet, and as I noted on the title, if you reference all the way to the last four columns of that, referenced none of the facilities that were included in this filing; therefore, I decided it was not relevant on my analysis on the six facilities and that's what I based my expert witness report on.
- Q. Did you ever ask Blue Delta why they sent this information to you?

- A. No, sir, I did not.
- Q. So sitting here today, you have no idea where these -- or why Appendix A and Appendix B that reflect the incorrect information that was attached to your expert report that was ultimately attached to the comments, why that was sent to you or why that was sent by Blue Delta, correct?
- A. I can't speak to Blue Delta's reason why they sent it to me, sir.
- MR. DeMONTE: One minute, your Honor, or one second.
- 12 EXAMINER HICKS: Go ahead. Sorry.
- MR. DeMONTE: No further questions.
- 14 Thank you, Judge.

1

2

3

4

5

6

7

8

- 15 EXAMINER HICKS: Okay. Thank you.
- Just double-checking, I don't believe any other parties had cross for Mr. Chiles.
- Thank you, Mr. Chiles. We are going to
 go ahead and cut it off. You are good to go. Thank
 you for sticking around all week.
- MS. BOJKO: Your Honor, may I move the admission of Joint Exhibit 1A, please?
- EXAMINER HICKS: Okay. So housekeeping,
 we had deferred Joint Exhibit 1. I believe if you
 could just put on the record, Mr. Whitt, I don't know

what got said on and off the record yesterday. I 1 believe you had indicated you were withdrawing your 2 objection to that -- to its admission, correct? 3 MR. WHITT: In light of the testimony we 4 5 just heard and for a clear record on the need for 6 clarification from witnesses and so that everyone 7 understands the chronology, we will withdraw previous objections understanding 1 and 1A will both be in the 8 9 record, subject to your Honor's ruling. 10 EXAMINER HICKS: So based upon that, I assume you have no objection to Joint Exhibit 1A? 11 12 MR. WHITT: Correct. 13 EXAMINER HICKS: Any objections from 14 anyone else as to Joint Exhibit 1 or Joint Exhibit 1A? 15 16 Then they are both admitted. 17 MS. BOJKO: Thank you, your Honor. 18 (EXHIBITS ADMITTED INTO EVIDENCE.) 19 EXAMINER HICKS: I believe, Ms. Bojko, 20 you had said the intent was to call Mr. Nelson next? 2.1 MS. BOJKO: Yes, your Honor. Yes, your 22 Honor. At this time Blue Delta would like to recall 23 Mr. Ken Nelson to the stand. 24 EXAMINER ST. JOHN: Mr. Nelson, please 25 step forward.

446 1 (Witness sworn.) 2 EXAMINER ST. JOHN: Please proceed. 3 MS. BOJKO: Thank you, your Honor. 4 5 KENNETH NELSON 6 being first duly sworn, as prescribed by law, was 7 examined and testified as follows: DIRECT EXAMINATION 8 9 By Ms. Bojko: 10 Mr. Nelson, can you just state your name for the record. 11 12 Α. Sure. It's Kenneth Nelson. 13 Q. And on whose behalf are you testifying 14 today? 15 Α. On behalf of Blue Delta Energy, LLC. 16 Sir, were you the same -- are you the Ο. 17 same Mr. Nelson that testified on Monday, December 5? 18 A. I -- yes. 19 Ο. Sir, what is -- what is the purpose of 20 your testimony today? It's to discuss and to submit the correct 2.1

Okay. So, sir, just to back up a step, 0. you were in the hearing room on Tuesday, December 6,

22

23

24

when it was discovered there was a document compilation clerical error in attaching the wrong spreadsheets to your direct testimony?

A. That is correct.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

17

18

19

20

2.1

2.2

- Q. And your previous testimony was filed on August 12, 2022, as Joint -- and has been identified as Joint Exhibit -- I'm sorry, and has been identified as Blue Delta Exhibit 1?
 - A. Let me make sure. Yes, August 12, 2022.
 - Q. Thank you.

MS. BOJKO: Your Honor, at this time I would like to mark as Blue Delta Exhibit 1A the corrected Attachment A to the direct testimony of Mr. Ken Nelson filed on August 12, 2022.

EXAMINER ST. JOHN: That will be so marked.

(EXHIBIT MARKED FOR IDENTIFICATION.)

TWINTINGS OF TOWN W

MS. BOJKO: May I approach, your Honor?

EXAMINER ST. JOHN: Yes.

- Q. (By Ms. Bojko) Sir, do you have in front of you a document that has been marked as Blue Delta Exhibit 1A?
- 23 A. I do.
- Q. Do you recognize this document as corrected Attachment A of your direct testimony?

A. I do.

2.1

- Q. And, sir, I believe you testified on Monday that the direct testimony was prepared by you or under your direction, the testimony itself; is that correct?
 - A. That is correct.
- Q. Could you explain the changes to this document, Blue Delta Exhibit 1A, compared to your previously filed testimony?
- A. Yes. The DFAXs that had been attached as part of the joint-sponsored expert report have been replaced with the correct DFAX reports.
- Q. And so are the spreadsheets that are attached to Exhibit 1A the correct spreadsheets?
 - A. Yes, they are.
- Q. Okay. And did you previously receive the spreadsheets electronically?
- A. Yes, I previously received an e-mail from PJM with the Barton 1 information that basically had consisted of two attachments, one the cover page and summary report in a PDF format and one is an Excel spreadsheet with all of this information.
- Q. Okay. And did you receive the other correct spreadsheets electronically from counsel?
- 25 A. Yes.

- Q. When you received the e-mail either from PJM and counsel, were the cover sheets and Excel spreadsheets all in one document, or did you just say they were two documents?
- A. There were two separate attachments and two separate formats, one PDF format which was the report and one as an Excel spreadsheet which was the actual data.
- Q. Sir, if you recall, were the spreadsheets specifically marked for a particular facility, or how were they labeled when you received these e-mails?
 - A. Do you mean the file names?
 - Q. Yes, yes.
- A. I am not sure of the PJM naming nomenclature for the file names. I believe they probably were just DFAX summaries for wind farms.
- Q. Is it your understanding that Exhibit 1A contains the correct spreadsheets that Staff also reviewed?
- A. It is.

2.1

- Q. And, sir, why weren't these correct spreadsheets attached to Blue Delta's initial comments?
- A. It is our understanding that when the -our legal counsel was compiling the submission under

the PUCO DIS docketing system to submit our testimony, that the -- while the correct PJM summary report and cover sheet were attached, the very large and very small fine print spreadsheets that were then created I guess as PDFs and then compiled into a larger PDF were compiled with another incorrect spreadsheet.

- Q. Okay. And that description was what was attached to your direct testimony, correct?
 - A. That is correct.

2.1

- Q. And did you rely on counsel to file the correct spreadsheets and attachments to your testimony, sir?
- A. Yes, I relied on counsel to do the compilation and the actual submission of the testimony.
 - Q. And unfortunately, sir, you did not check counsel's printout of the exhibit or the filing; is that fair?
 - A. Unfortunately.
- Q. Did you recognize the incorrect spreadsheet that was attached to the comments?
- A. I did not until it was raised by I believe the Applicants' counsel.
- 25 Q. So now, sir, do you recognize what that

1 | document is?

2

3

4

5

6

7

8

9

10

11

12

13

16

17

18

19

20

2.1

- A. Meaning the incorrect document?
- Q. Yes.
- A. Yes; yes, I did.
 - Q. And when did you forward the incorrect spreadsheet, the unrelated facilities, to counsel and Mr. Chiles?
 - A. On November 18 of, I guess, 2021. The years go by.
 - Q. And that happened to be the same date that comments were filed that you sent that unrelated spreadsheet that looked like a DFAX spreadsheet to counsel?
- A. It is a DFAX spreadsheet but just for an unrelated facility and, yes, that is correct.
 - Q. Was your analysis in preparation of your direct testimony based off the correct DFAX reports for the facilities that are at issue in this case?
 - A. Yes.
 - Q. Does your analysis change with the corrected Attachment A?
- 22 A. No, it does not.
- Q. Does your testimony change with the corrected Attachment A?
- 25 A. Other than the correction, no, it does

not.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

19

- Q. And, sir, did you know of this document compilation clerical error prior to the Tuesday hearing when it was discovered?
 - A. I did not.
- Q. So, sir, when you testified on Monday, did you knowingly make any false statements on the record?
 - A. I did not.
- Q. So, sir, with the corrected Attachment A, if I were to ask you the same questions today as they appear in your direct testimony previously marked as Blue Delta Exhibit 1, would your answers be the same?
 - A. They would.

MS. BOJKO: Thank you.

Your Honor, at this time I have no further questions.

18 EXAMINER ST. JOHN: Thank you.

Mr. Whitt?

MR. WHITT: Thank you.

21 | - - -

22 CROSS-EXAMINATION

23 | By Mr. Whitt:

Q. Sir, could you turn to Appendix B of your corrected Attachment A.

453 1 MR. WHITT: What have we called that, 2 Blue Delta Exhibit? 3 MS. BOJKO: 1A. 4 Α. Appendix B, yes. 5 Q. Could you also look in your pile there for Staff Exhibit 2B. 6 7 Α. Found it. Okay. I am going to be comparing Staff 8 Q. 9 Exhibit 2B to your corrected Appendix B, okay? 10 Α. Yes. 11 And if we look at the two documents, we Ο. 12 look at the cover pages, those appear to be the same 13 although color copying; is that fair to say? 14 Α. Yes. 15 Q. And the page that says "This page intentionally left blank" appears to be the same in 16 17 both documents, correct? 18 Α. Yes. 19 When we go to the third page, these pages Ο. 20 are different, are they not? 2.1 Α. They are. 22 And there is a page 2 in your Appendix B Q. that is not included in the Staff Exhibit 2B, 23 24 correct?

That is correct.

25

Α.

- Q. Let's go to the first page of the actual spreadsheet for both exhibits. Those documents are just -- they're visibly different, are they not?
 - A. Yes, they are.
- Q. And if you go to the second page of Staff Exhibit 2C and look at the second page of your corrected Appendix 2B, there is some highlighting in one that's not in the other, correct?
- 9 MS. BOJKO: Objection. I think you said 10 2C. Sorry.
- 11 Q. I'm sorry. 2B.
- 12 A. Yes. 2C --
- MS. BOJKO: We are on Staff Report 2B.
- 14 A. Staff Report 2B.
- Q. Your corrected Appendix B is different than the spreadsheet attached to Staff Exhibit 2B,
- 17 | correct?

1

2

3

4

5

6

7

- 18 A. Yes.
- THE WITNESS: Would it help to explain the differences?
- EXAMINER HICKS: No. Just listen to his questions.
- MR. WHITT: No further questions.
- MS. BOJKO: Your Honor, can I ask a brief
- 25 | redirect?

EXAMINER ST. JOHN: At this point this is a recall witness, already had the opportunity to give his testimony in the first place, do an initial redirect and now recall the witness, so for that reason we are not going to allow any redirect of the recall.

2.1

MS. BOJKO: Okay. Thank you, your Honor. EXAMINER ST. JOHN: Thank you.

With that being said I can't remember if you had moved to admit Blue Delta Exhibit 1A?

MS. BOJKO: I have not yet -- yes, I did earlier, I'm sorry. If not, I will move to admit Blue Delta Exhibit 1A right now. Thank you, your Honor.

EXAMINER ST. JOHN: Thank you. And I do recall that you had moved to admit either Monday or Tuesday of this week Blue Delta Exhibit 1 and there was some objections to the admission of that exhibit. So I would like to take both of those exhibits up at this time, Blue Delta Exhibit 1 and Blue Delta Exhibit 1A. Are there any objections to the admission of either of these two exhibits?

MR. DeMONTE: Your Honor, with respect to -- 1 is what we marked earlier in the proceeding and 1A is what we are doing on corrected? We've

heard testimony about the Excel files and these electronic files that were transmitted by the witness and relied upon by others. We've inquired as to whether those have actually been produced and there is an indication that they may have been. We would just like the opportunity, your Honor, to check to see what the status of that is. But subject to that issue, we have no objections to 1 and 1A going in at this time.

2.1

EXAMINER ST. JOHN: Just to make sure I am understanding correctly, so your potential objection would be if the documents had not been produced to you?

MR. DeMONTE: That's what -- that's my understanding of what we are trying to confirm.

That's right. And what flows from that, the prejudice that would flow from that, things along those lines.

MS. BOJKO: For clarity Blue Delta was never served with any discovery so that issue cannot be an issue in this case with regard to Mr. Nelson.

MR. DeMONTE: Your Honor, this is the witness who transmitted -- we just heard for the first time that this was the witness who actually transmitted the incorrect files. We just found that

out. The other witnesses did not know that. We are simply noting for the record that this is -- and we asked the question and no one right now -- because we don't have our files, either counsel has their files, we just wanted to raise so there wasn't any surprise we need to just confirm if that -- if they were produced, then that's -- that's the end of it.

2.1

EXAMINER ST. JOHN: But --

MS. BOJKO: It would never have been produced, your Honor, because we didn't know that it was the wrong file, and Mr. Nelson -- Blue Delta never was served any discovery, so we would never have had the opportunity to produce any documents or e-mails from Mr. Nelson.

It was again the wrong document went to counsel on the day comments were due which is why this error occurred. It has nothing to do with this case. It's irrelevant. And they have actually had that document for two years now twice. They have had it double, so it's been produced because it was what was filed on the docket so there can't be any argument that it wasn't produced. It wasn't produced.

MR. DeMONTE: Your Honor, and I don't -- it's not -- what I am trying to identify without

arguing is we literally just heard for the first time the importance of the electronic documents that were being relied on by Applicants to establish a prong of their showing, their burden, their case that was -- we asked expressly to identify those documents. No Excel files were ever identified. We did not know the -- where these -- where the Excel files that had just been identified recently today, in the last couple of days, we just found out where they came from.

2.1

Assessing the body of how the evidence has come in, your Honor, we are just noting for the record that that issue is still outstanding because if we go back and check in these documents -- because Applicants' counsel were on these e-mails, we've heard that testimony, and we just want to assess that situation without waiver of anything or any of those issues. It may be it is not an issue when we go back and check the files.

MS. WHITFIELD: I want to clarify something, Applicants' counsel was not -- I am Applicants' counsel. We were not on these e-mails.

MR. DeMONTE: Applicants. I said I had spoken to counsel about who was on this, and we heard testimony about who received it. This isn't -- this

isn't -- this isn't -- we were just wanting to look at what happened and if what happened in this case is that documents were asked for, they were not provided, but yet we heard testimony today in recall they were relied upon, that would be an issue, but it may not be an issue if they were produced.

2.1

MS. BOJKO: They weren't relied upon, your Honor. They were never produced because it was the wrong documents that got attached in error. It was never --

MR. DeMONTE: We don't object to this coming in, Judge. We don't object. That was the question. I just --

EXAMINER ST. JOHN: Okay. So you do not object to these documents coming in?

MR. DeMONTE: Just wanted to raise -- no objections. Just wanted to highlight --

MS. BOJKO: And, your Honor, and I am going to object again for double teaming for the same witness. The witness counsel was Mr. Whitt, and now non-witness counsel is speaking to issues about this witness. Maybe that's why there is confusion about what he is objecting to or not but Blue Delta was never served any discovery so that can't be an issue.

EXAMINER ST. JOHN: All right.

460 Everything is noted. These two exhibits, Blue Delta 1 2 Exhibit 1 and Blue Delta Exhibit 1A, are hereby 3 admitted. (EXHIBITS ADMITTED INTO EVIDENCE.) 4 5 EXAMINER ST. JOHN: Thank you, Mr. Nelson. 6 7 Let's go off the record for just a 8 moment. 9 (Discussion off the record.) EXAMINER ST. JOHN: Let's go back on the 10 11 record. 12 And I will go ahead turn things over to 13 the Applicant. 14 MS. WHITFIELD: Thank you, your Honor. 15 At this time Applicants recall Pete Landoni. 16 EXAMINER ST. JOHN: Please step forward, Mr. Landoni. 17 18 (Witness sworn.) 19 EXAMINER ST. JOHN: Please proceed. 20 2.1 22 23 24 25

1	PETE LANDONI
2	being first duly sworn, as prescribed by law, was
3	examined and testified as follows:
4	DIRECT EXAMINATION
5	By Ms. Whitfield:
6	Q. Can you please state your name and
7	address again for the record, please.
8	A. It's Pete Landoni, 2701 Northwest Vaughn
9	Street, Suite 300, Portland, Oregon.
10	Q. And you recall previously testifying on
11	Monday in this hearing?
12	A. I do.
13	Q. And whose on whose behalf did you
14	testify on Monday?
15	A. Avangrid and the Applicants, Avangrid
16	Renewables and the Applicants.
17	Q. And is that whose testimony whose
18	behalf you are testifying today?
19	A. Yes.
20	Q. And were you in the room the hearing

Q. And were you in the room -- the hearing room here on Tuesday when a document compilation error with respect to the attachments to your direct testimony dated August 12, 2022, was discovered by me?

25 A. Yes.

21

22

23

- Q. And so what is the purpose of your testimony today?
- A. I'm here to talk about the chain of custody for the DFAX reports and also make sure we get the correct attachments into the record.

EXAMINER ST. JOHN: Mr. Landoni, I don't believe your microphone is on. Would you mind turning that on? Thank you.

THE WITNESS: Sorry.

MS. WHITFIELD: Your Honors, I would like to mark for identification purposes as Applicants
Exhibit 7A, the corrected Attachment A to Avangrid
Exhibit 7, direct testimony of Pete Landoni, and as
Applicants 7B, the corrected Attachment B to Avangrid
Exhibit 7, direct testimony of Pete Landoni. May I approach?

EXAMINER ST. JOHN: Yes. And those will be so marked.

(EXHIBITS MARKED FOR IDENTIFICATION.)

- Q. (By Ms. Whitfield) Mr. Landoni, do you have in front of you what has been marked as Applicants Exhibits 7A and 7B?
- A. Yes.

2.1

Q. Do you recognize these documents as corrected attachments to your direct testimony?

A. Yes, I do.

1

2

3

4

5

6

7

8

9

10

11

14

15

- Q. Could you explain the corrections to the attachments as compared to your previously filed attachments?
- A. Yes. There was a document compilation error and the wrong spreadsheet or paper spreadsheet was included in those attachments and these are corrected.
- Q. And this contains corrected DFAX spreadsheets for the Barton 1, Buffalo Ridge II, Elm Creek II, Rugby, and Moraine facilities?
- A. If you are talking about Attachment A, yes, that's correct.
 - Q. Are the spreadsheets attached to Exhibits 7A and 7B --
- A. And I'm sorry. Can you tell me -- there is no numbers on these. So is A's attach --
- Q. The one that says corrected Attachment A
 is 7A, and the one that says corrected Attachment B
 is 7B.
- 21 A. Okay. Thank you.
- Q. Sure. So are the spreadsheets attached to Exhibit 7A and 7B the correct spreadsheets?
 - A. They appear to be, yes. Yep, they are.
- Q. Did Avangrid previously receive these

spreadsheets?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

- A. Yes.
- Q. And were these spreadsheets forwarded to counsel -- to Staff?
 - A. Yes, they were.
- Q. And are the corrected attachments -- Exhibit 7A and 7B contain the same data as the spreadsheets that Staff reviewed? Do you know?
 - A. I believe that that is true, yes.
- Q. Did you previously review the corrected spreadsheets that are attached as Exhibit 7A and 7B?
- A. I did.
- Q. Do you know why those spreadsheets weren't attached to Avangrid's initial comments?
- A. My understanding there was a document -- a document compilation error that when the document got put together, they just pulled the wrong spreadsheet.
- Q. And was that document compilation error carried forward to the attachments to your testimony?
 - A. Yes, it was.
- Q. And did you rely upon counsel to file the attachments to your testimony?
 - A. I did.
- Q. And to compile those attachments?

A. I did.

1

2

3

4

5

6

9

14

15

16

17

- Q. Were the DFAX report cover sheets and the actual report attached to your testimony correct?
- A. Corrected Attachment A, yes. Is that all we are talking about is A, or are we talking about B also?
- Q. A is fine as long as you can tell me that.
 - A. Yeah, yes.
- 10 Q. They are correct, so the PJM cover sheets
 11 and the summary report were the same.
- 12 A. I'm sorry. Let me look at this one.
 13 Yes.
 - Q. Thank you. Did Avangrid base its review and analysis of whether to seek certification off of the correct DFAX cover sheets, summary reports, and spreadsheets?
 - A. Off of the correct ones, yes.
- Q. Does Avangrid's position change with the corrected attachments now?
- 21 A. No.
- Q. Does your testimony change with the corrected attachments?
- 24 A. No.
- Q. Did you knowingly make a false statement

when you testified on Monday regarding the attachments to your testimony?

- A. Absolutely not.
- Q. Did you know of this document compilation clerical error prior to Tuesday's hearing?
 - A. I did not.
- Q. Now, do you recall on Monday questions about the process by which Avangrid receives a request from PUCO Staff for a DFAX study for the facilities and then Avangrid's request for the DFAX studies from PJM?
 - A. I do.

2.1

Q. Do you recall not being able to remember some names of employees at Avangrid who worked with your team to respond to the requests from Staff for the DFAX study?

MR. WHITT: Objection. This was already gone through with the Staff witness with the actual e-mails. It's cumulative. It's unnecessary. I object to them.

EXAMINER ST. JOHN: I will go ahead and allow the question.

- MS. WHITFIELD: Thank you, your Honor.
- A. Could you repeat, please?
 - Q. Sure. Do you recall not being able to

remember some names of employees at Avangrid who worked with your team to respond to the requests from Staff for a DFAX study?

2.1

A. I do. The applications, you know, the process was started almost two years ago, and some of those staff have since left.

MS. WHITFIELD: Your Honor, at this time I would like to mark three e-mails, the e-mails I gave counsel on Tuesday. I would like to mark for identification purposes as Applicants Exhibit 8, and I am going to bring them all around at one time just to save some time, an e-mail string and attachment with the most recent e-mail dated May 19, 2021, from Avangrid; as Exhibit -- Applicants Exhibit 9, an e-mail string attachment with the most recent e-mail dated May 19, 2021, from PJM to Staff; and Exhibit 10, which is an e-mail string and attachments with the most recent e-mail dated July 27, 2022, from Avangrid to Staff.

EXAMINER ST. JOHN: Those three exhibits will be so marked.

(EXHIBITS MARKED FOR IDENTIFICATION.)

MS. WHITFIELD: Your Honor, if I could just have a minute to go grab mine out of my brief case?

EXAMINER ST. JOHN: Yeah. Go ahead.

MS. WHITFIELD: I'm ready, your Honor.

EXAMINER ST. JOHN: Go ahead.

- Q. (By Ms. Whitfield) Okay. Mr. Landoni, could you please turn to what I have marked as Applicants Exhibit 9. And for purposes of the record, this is an e-mail string with an attachment with the most recent e-mail dated May 19, 2021, from PJM to Staff. Do you see that?
- 10 A. I do.

1

2

3

4

5

6

7

8

9

18

19

20

2.1

- Q. Or actually, I'm sorry, from PJM to
 Avangrid.
- A. Correct, yes.
- Q. My apologies. So just so I am clear on the record, Exhibit 9, the most recent e-mail is from PJM to Avangrid. Do you see that?
- 17 A. Yes, Zena Parks, yes.
 - Q. Now, if you turn to the last page -- or to the first page -- the first e-mail on this chain which is on page 6, do you see an e-mail --
 - A. From Stuart?
- Q. -- dated April 28, 2021, from Stuart
 Siegfried of PUCO to Zena Parks of Avangrid?
- 24 A. I do.
- 25 | Q. Who is Zena Parks?

- A. Zena Parks was an Avangrid employee working on the Ohio REC certification team of which I am the manager.
- Q. And what was her role in assisting the Company in their REN certification processes?
- A. I believe Zena helped file applications and, you know, looking to get the DFAX reports.
- Q. And does this e-mail refresh your recollection of the name of the Avangrid employee who would have received a request from Staff for the Applicants to obtain a DFAX study of the facilities?
 - A. Yes.

- Q. I'm sorry if you already said this, but did Mrs. Park work on the Company's REN certification efforts with you?
 - A. Yes, I'm sorry, she did.
- Q. And as that, did she work under your supervision or your direction on those REN certification efforts?
- A. Yes.
- Q. Is Staff's April 28, 2021, e-mail
 requesting DFAX studies for some of the facilities at
 issue in this case?
 - A. Yes. That's my understanding.
- Q. Do you know which ones?

- A. Moraine I, Rugby, Buffalo Ridge II, and Elm Creek II.
 - Q. So after this company's employee,
 Ms. Parks, on your team received the request, does
 this refresh your recollection?
- A. Yes.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

- Q. Sorry. Go ahead. Or let me -- does -- what would the Company do once they received the request from Staff for a DFAX study?
- A. I believe that this was the first request that we got, so Ms. Parks did not exactly know where to get a DFAX report. So she tried to send an e-mail to GATS Administrator which is not really the right place. And when we heard nothing from them, I suggested that we reach out to our PJM representative Anthony DiDonato.
 - Q. And you testified about Mr. DiDonato being your client representative on Monday when you testified, right?
 - A. I believe so, yes.
- Q. Now, I notice that you're not copied on this e-mail from Ms. -- Ms. Zena --
- A. Yeah.
- 24 O. -- to Mr. DiDonato --
- 25 A. Yep.

- Q. -- and with PJM, do you see that?
- 2 A. Yes.

1

15

16

17

18

- Q. Okay.
- 4 A. The May 3?
- 5 Q. Yes.
- A. Yep.
- Q. Is it unusual for you not to be copied on these e-mail communications between Ms. Parks and PJM on behalf of Avangrid?
- 10 A. No, it is not unusual.
- 11 Q. Why?
- A. I'm a manager. I trust people to do
 their work the way they are supposed to do their
 work. We probably had conversations about it so.
 - Q. Now, with respect to -- in this e-mail if you look at pages 1 -- starting at the bottom of page 1 of Exhibit 9 through page 3, there seems to be some charts of data about the specific facilities. Do you see that?
- 20 A. I do.
- Q. Would you or someone on the asset
 management team have been involved with providing
 Ms. Parks with the information requested by PJM
 that's reflected in these charts?
- 25 A. Yes. I -- I was directly in charge of

two of the assets, and my team, the other asset managers that report to me, had the others.

- Q. And did Avangrid receive the DFAX studies from PJM for the Moraine, Rugby, Buffalo Ridge, and Elm Creek facilities?
- A. Yes.

1

2

3

4

5

6

7

8

9

- Q. And that's reflected in the top e-mail of Exhibit 9 dated May 19, 2021?
 - A. That's correct.
- Q. And are the DFAX studies and cover summary sheet attachments to this e-mail?
- 12 A. Yes. Sorry.
- Q. Now, if I could have you turn to

 Exhibit 8, I apologize for taking these out of order.
 - A. That's fine.
- Q. Does Applicants Exhibit 8 --
- A. Hold on.
- 18 Q. Sorry, sorry, sorry.
- 19 A. Okay.
- Q. Okay. Does Applicants Exhibit 8 refresh
 your recollection whether the DFAX studies for the
 four facilities, Moraine, Rugby, Buffalo Ridge II,
 and Elm Creek II were sent to PUCO?
- 24 A. Yes.
- 25 Q. Is that reflected in that e-mail at the

- bottom on page 1?
- 2 A. Yes.

2.1

- Q. Were you copied on this submission to Staff?
 - A. I was.
 - Q. Do Applicants Exhibits 8 and 9 refresh your recollection as to how the Company received a request from Staff for the DFAX studies, made the request to PJM, received the studies from PJM, and sent them to Staff for these four facilities?
 - A. Yes, it does.
- Q. Okay. Now if I could have you look at what has been marked as Applicants Exhibit 10.
 - A. Okay.
- Q. Okay. And what is this e-mail chain about?
- A. So we applied for -- we had the application for Barton 2; and Staff, Ms. Clingan, had went back to Zena Parks. And what did she ask for?

 Oh, she needed the DFAX study. By that time Zena had left, so the e-mail went to the ether. And then

 Ms. Clingan sent an e-mail to Kristin Sare who is on my team, works for me, saying she hadn't received a response from Zena about the pending application and the DFAX report. And then, you know, it got

- forwarded to the correct people in Avangrid, and we got the DFAX report.
- Q. Okay. Let me ask who I see -- you said
 Zena left.
- 5 A. She did.

1

2

8

- 6 Q. She left the company.
- 7 A. Uh-huh, yes.
 - Q. And then I see two names related to Avangrid, James Reyes and Jose Suarez.
- 10 A. Suarez, yep.
- Q. Is it fair to say that they were filling the role that Zena was doing with respect to Barton 2?
- 14 A. Yes.
- Q. And were they -- did Mr. Reyes and
 Mr. Suarez work on this company's REN certification
 processes that you were a manager of?
- 18 A. Yes.
- Q. And you reference that Kristin Sare -well, do you see that Kristin Sare is -- well, strike
 that.
- First of all, do you see that Exhibit 10 reflects that the DFAX study -- the DFAX report was submitted to Staff?
- 25 A. Yes.

- Q. And I see Ms. Kristin Sare was copied on those communications, right?
 - A. That's correct.
- Q. And I believe you referenced Ms. Sare in your testimony on Monday in response to some cross-examination?
 - A. I did.

1

2

3

4

5

6

7

8

9

10

11

14

- Q. I think she was actually listed as the contact for some of the -- on some of the applications for the facilities; does that -- do you recall that?
- A. I do and that makes sense. She's the asset manager for that -- for that asset.
 - Q. And does she report to you?
- 15 A. Directly to me.
- Q. And when you're out, does she act on your behalf and in your stead?
- A. Yes. She's the fill in for the East Regional Lead when I am gone.
 - Q. And you are the East Regional Lead?
- 21 A. Tam.
- MS. WHITFIELD: No further questions,
- 23 | your Honor. I would move for the admissibility of
- 24 | Applicants Exhibits 7A, 7B, 8, 9, and 10.
- 25 EXAMINER ST. JOHN: Thank you.

476 Mr. Whitt. 1 2 3 CROSS-EXAMINATION By Mr. Whitt: 4 5 Q. Sir, could you pull Applicants Exhibit 9. EXAMINER ST. JOHN: Would you mind 6 7 turning your microphone on as well. MR. WHITT: Sorry. 8 (By Mr. Whitt) Applicants Exhibit 9, 9 Ο. 10 please, page 6 in particular. 11 Page 6 of the e-mails? Α. 12 Q. Yes, sir. 13 Α. Okay. Yes. 14 The April 28 e-mail from PUCO Staff to Q. Ms. Parks, do you see that? 15 16 Α. I do. 17 By the way, April 28, that's about 18 Q. 18 months ago, whatever the calendar says, right? I don't -- I don't have a calendar. I 19 20 don't have a calculator in front of me, so I'll take 2.1 your word for it. 22 I want to understand, there repeatedly has been said this is a process that's been going on 23

communications that preceded the e-mails that we're

for two years and are you aware of any series of

24

talking about here by six or more months?

A. No.

2.1

- Q. Okay. On page 6, your company is being instructed by Staff or informed by Staff about the deliverability requirement and in bold there is reference to demonstration of physical deliverability to the State of Ohio. Do you see that?
 - A. I do.
- Q. And there is no Staff -- there is no mention to some Koda case or Koda standard or the word Koda doesn't appear in this e-mail, does it?
 - A. It does.
- Q. And Staff is advising you such demonstration has typically taken the form of a power flow study, correct?
 - A. Yes.
- Q. Staff is not instructing you that the Applicants are required to obtain a DFAX -- a power flow study, correct?
 - A. Could you say that one more time?
- Q. Well, when you are being -- when you are told that such demonstration has typically taken the form of a power flow study, you don't interpret that to mean that you are being instructed here to obtain a power flow study, that that's the only way

deliverability could be shown?

2.1

- A. That's what I am -- that's what I am inferring from this. That is the way to do it.
- Q. You are inferring because you weren't part of this communication, were you?
 - A. I was not.
- Q. You were trusting other people to handle the process, correct?
 - A. I was.
- Q. And the knowledge of the matters you've spoken about with regard to Applicants Exhibits 8, 9, and 10 are based on your review of e-mails you went over with your counsel, correct?
 - A. Restate that, please.
- Q. Exhibits 8 and 9 and 10 are collections of e-mails. You just had a discussion with your counsel about what -- about the contents of those e-mails, correct?
 - A. Yes.
- Q. And the discussion was to attempt to explain what was happening during a period of time in which you were not being copied on communications you just testified about, right?
- MS. WHITFIELD: Objection. That calls for privileged communications and he has already

testified that he's copied on some of them. And the people that are on them were either his stand in when he was not available or all of them reported to him.

2.1

EXAMINER ST. JOHN: Mr. Whitt.

MR. WHITT: That doesn't sound like any objection. It sounds like why she doesn't like the question. What's the objection?

MS. WHITFIELD: Well, he is asking what counsel and he talked about.

MR. WHITT: I didn't ask a thing about counsel.

MS. WHITFIELD: You said the purpose of your communication with counsel was, and then you went on to assume what we talked about which --

MR. WHITT: I was referring to the exchange that occurred in here on the record.

EXAMINER ST. JOHN: I think it would be helpful for me at least to have the question reread.

Karen, would you mind doing that?

(Record read.)

MS. WHITFIELD: So, first, I misunderstood the timing of where he was asking. I thought he was talking about in preparation, so I will withdraw the privileged objection, but I will add that it is -- you know, we are -- it's an

objection because he is a company representative. He is asking him just because he wasn't copied on them that somehow means he doesn't have personal knowledge, whenever he testified on direct that he does and those people reported to him.

2.1

EXAMINER ST. JOHN: I will let the question stand and let the witness answer to the full extent that he can.

A. Okay. I'm a manager of the team, and I don't know every single thing that people do or I am not maybe copied on every single e-mail, but it's still their responsibility of my team to get this stuff done.

MR. WHITT: No further questions.

EXAMINER ST. JOHN: So before I ask

Mr. Landoni to sit down or to take a seat, step down

from the witness stand, I should say, we have a

current motion to admit Applicants Exhibits 7A, 7B,

8, 9, and 10. We also have from I believe Monday a

motion to admit Applicants 7 and at that time there

were objections to the admission of that exhibit. So

I will go ahead and ask at this point in time if

there are any objections to the admission of those

exhibits that I had just mentioned.

MR. WHITT: Your Honor, we would have the

same objections. I don't think we need to go through them again, just generally in regard to the timing of the disclosure of the information in the documents which I think we can take up separately after we release the witness. Subject to those objections, otherwise, we have no problem -- no objection to admission into the record.

2.1

EXAMINER ST. JOHN: Just want to make sure I understand your comments, so when you are saying timing of the disclosures, are you talking about your -- your --

MR. WHITT: Just the Excel spreadsheets that Mr. DeMonte was referring to earlier and just the fact that the e-mails that are included in these exhibits having not been previously produced, we would just want the record to reflect we have not previously produced them.

EXAMINER ST. JOHN: With that note on the record, are you objecting to the admission of these exhibits?

MR. WHITT: No.

EXAMINER ST. JOHN: Okay. Thank you.

23 Any other objections?

All right. Hearing none, those exhibits, Applicants 7, 7A, 7B, 8, 9, and 10, are hereby

```
1 admitted.
```

2 (EXHIBITS ADMITTED INTO EVIDENCE.)

3 EXAMINER ST. JOHN: Thank you,

4 Mr. Landoni. You can step down.

5 THE WITNESS: Thank you very much, your

6 Honors.

7 EXAMINER ST. JOHN: Let's go ahead and go 8 off the record for a moment.

(Discussion off the record.)

10 EXAMINER ST. JOHN: Let's go back on the

11 record.

9

12

13

14

15

16

17

18

19

20

2.1

22

23

24

25

While we were off the record, I introduced the topic of post-hearing briefing schedule and asked the parties to talk amongst themselves and see if they could come up with a mutually agreed upon briefing schedule.

I am not sure if that's happened yet, but also while we were off the record, I asked if there were any other issues that parties wanted to bring up, and Mr. Whitt had raised an issue. Now that we are back on the record, I would like to open the floor to you, Mr. Whitt, and ask you again to make any arguments that you would like to on the record.

MR. WHITT: Thank you, your Honor. The off the record discussion, if I may approach, we

talked about the possibility of a late-filed exhibit with CSG's original discovery requests, interrogatories, requests for production of documents.

2.1

2.2

During the break we were able to get sufficient copies. I have marked for identification CSG Exhibit 4, the first set of interrogatories, request for production that was served on the Applicants. The discovery requests and Applicants' initial responses are already in the record as part of the testimony of Mr. Stewart. I'm offering for admission CSG Exhibit 4 because it contains the definitions as well as instructions for answering that accompanied those requests and that information is pertinent to the discussion that has been had at various points on the record about whether certain e-mails and other documents had been requested in discovery and whether material had been timely disclosed.

I don't believe there is any need to rehash those arguments at this time. I simply offer the exhibit for aid and a clear record to the extent any of these discovery or disclosure or timing issues become pertinent to issues that may be raised in post-hearing briefing.

EXAMINER ST. JOHN: Thank you. I know that you handed two copies to me and Judge Hicks. Thank you for that. Have you also circulated copies to the other parties to the proceeding?

2.1

MR. WHITT: I have, your Honor.

EXAMINER ST. JOHN: Before I turn things over to other parties to respond, I will say let's go ahead and mark this as CSG Exhibit 4 just for clarity of reference.

(EXHIBIT MARKED FOR IDENTIFICATION.)

EXAMINER ST. JOHN: And with that, do any parties have any objection to proceeding in this way?

MS. WHITFIELD: Yes.

MS. BOJKO: Yes, your Honor.

MS. WHITFIELD: Yes, your Honor. I'll go first on behalf of the Applicants. First of all, you can't just submit an exhibit in an evidentiary hearing without a witness unless it's been stipulated to. Applicants are not stipulating to this. No other party has stipulated to it. It is moot to the extent that he is claiming that things were not produced timely to him or that they were requested and not produced because he did not object to the admissibility of that evidence that he is complaining about the timeliness.

Third, he filed a motion to compel with respect to our discovery and actually sought interlocutory appeal of your Honor's order. Now, interestingly that motion to compel had nothing to do about e-mails or communications. Didn't seek that. He never requested those documents, particularly not any communications with Staff.

2.1

And so he's trying to say that we need this for a clear record, but it's unnecessary. The record -- these exhibits he is complaining about, he withdrew his objection, and they were admitted, so we don't need this in the record any more.

And I could again rehash everything I have said about not being requested and all that, but I will just stand by what I have already argued earlier today on that.

EXAMINER ST. JOHN: Thank you.

MS. WHITFIELD: So we object to the admissibility of this attorney document. I mean, this is not even any evidence in this case. It's nothing to do with it. It is something he prepared, so it has no relevance to the issues before this, and nobody has laid a foundation for it. Attorneys can't be witnesses here, or at least the attorney of one of the Intervenors.

EXAMINER ST. JOHN: All right. Thank you.

Anyone else?

2.1

MS. BOJKO: Yes, your Honor. On behalf of Blue Delta, we also object to the admission of this document. There's been no proper foundation for this document. There's been no witness sponsoring this document. We have not had an opportunity to cross a witness on this document.

what Mr. Whitt is referring to are not evidentiary issues. He is referring to legal issues that he himself or his co-counsel have made on the record. Attorney arguments are not part of the record. We may not rely on attorney arguments as part of our briefing. You can only rely on what's been admitted into the record as testimony and exhibits.

So this is not currently part of the record, and CSG has no current witnesses on the stand. They closed their case. There's no opportunity to now bring in an extra record exhibit and have it admitted without laying the proper foundation, the proper -- to authenticate it, and then to give parties an opportunity to cross on this document for the purpose that he is trying to admit

it. We can't cross a witness on it. And we certainly can't cross Mr. Whitt, an attorney, on it, and any attorney arguments would not be part of the record anyway. Thank you.

2.1

EXAMINER ST. JOHN: Thank you.

Are there any other parties that would like to make any comments on this?

MR. RYAN: Your Honor, NIPSCO would join the objections raised for the same reasons raised by the Applicants and Blue Delta.

EXAMINER ST. JOHN: Thank you.

Response, Mr. Whitt?

MR. WHITT: Well, we just endured an additional two days of hearing to allow duplication of literally thousands of pages of additional documents.

EXAMINER ST. JOHN: Would you mind speaking into the microphone?

MR. WHITT: No one is prejudiced by admission of this document which would aid in clarifying the record. The Commission is entitled to know what was asked for when, when the information was produced, the extent to which CSG may have been prejudiced by its non-production. That's all.

EXAMINER ST. JOHN: All right. Thank

you. I'll go ahead and at this point in time echo a refrain that I have been stating for a few days here, the interest of the Commission is to create a complete record. That's something that, you know, we've been lenient in other ways in allowing recalled witnesses and this is — this discovery issue has been raised at least once or twice in the discussion of certain documents that were produced and handed to witnesses and then ultimately admitted.

2.1

For that reason at this time I will take administrative notice of this document and will, therefore, admit it as CSG Exhibit 4.

(EXHIBIT ADMITTED INTO EVIDENCE.)

MR. WHITT: Thank you, your Honor.

EXAMINER ST. JOHN: A second minor issue

I wanted to address. This is specifically for -specifically for certain documents that were offered
today by the recalled witnesses, corrected
Exhibits 7A, 7B -- excuse me, Applicants Exhibits 7A,
7B, Blue Delta Exhibit 1A, and Joint Exhibit 1A.
There were certain spreadsheets in the documents that
I personally had trouble reading. My request at this
point in time is if counsel for those parties would
mind filing in the docket these documents which would
allow some magnification and hopefully additional

1 legibility of those spreadsheets. Would you all mind
2 doing that?

MS. WHITFIELD: Not at all, your Honor.

MS. BOJKO: No. We will double-check them this time, your Honor.

6 EXAMINER ST. JOHN: Thank you.

7 EXAMINER HICKS: Let's not backtrack

here.

3

4

5

8

9

10

11

12

13

17

18

19

20

2.1

22

23

24

EXAMINER ST. JOHN: Before we went on our break, we had asked the parties if they could mutually agree to a post-hearing briefing schedule.

At this time I will go ahead and ask have the parties agreed to a schedule?

MS. WHITFIELD: I think so, your Honor, yeah.

MS. BOJKO: Fortunately, yes.

MS. WHITFIELD: We had originally thought four weeks for the initial briefs and three weeks for reply, but Staff and I believe CSG's counsel wanted some more time for the initial brief, so we are -- I think we have all agreed January 17 for the initial briefing and February 7 for the reply brief.

MR. WHITT: That is consistent with our understanding as well.

25 EXAMINER ST. JOHN: That's January 17 for

490 the initial brief and February 7 for the reply brief? 1 2 MS. WHITFIELD: Yes, your Honor. 3 EXAMINER ST. JOHN: Excellent. Those will be the deadlines for the post-hearing briefs. 4 5 Is there anything else that any parties would like to add before we close the record of this 6 7 case? 8 MS. WHITFIELD: Nothing from the 9 Applicants, your Honor. Thank you. 10 MS. BOJKO: No, thank you. 11 MR. WHITT: Nothing from CSG. Thank you. 12 EXAMINER ST. JOHN: All right. Thank you 13 all. This case will be submitted to the 14 15 record, and we are hereby off the record. 16 (Thereupon, at 3:12 p.m., the hearing was 17 adjourned.) 18 19 20 2.1 22 23 24 25

CERTIFICATE I do hereby certify that the foregoing is a true and correct transcript of the proceedings taken by me in this matter on Thursday, December 8, 2022, and carefully compared with my original stenographic notes. Karen Sue Gibson, Registered Merit Reporter. (KSG-7383)

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

12/26/2022 9:20:01 AM

in

Case No(s). 21-0516-EL-REN, 21-0517-EL-REN, 21-0531-EL-REN, 21-0532-EL-REN, 21-0544-EL-REN, 22-0380-EL-REN

Summary: Transcript December 8th 2022 Volume 3 In the Matter of the Application of Moraine Wind, LLC, for Certification as an Eligible Ohio Renewable Energy Source Generating Facility. In the Matter of the Application of Rugby Wind, LLC, for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility. In the Matter of the Application of Elm Creek II for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility. In the Matter of the Application of Buffalo Ridge II for Certification as an Eligible Ohio Renewable Energy Resource Generation Facility. In the Matter of the Application of Barton Windpower 1 for Certification as an Eligible Ohio Renewable Energy Resource Generation Facility. In the Matter of the Application of Barton Windpower, LLC, for Certification as an Eligible Ohio Renewable Energy Resource Generation Facility. electronically filed by Mr. Ken Spencer on behalf of Armstrong & Okey, Inc. and Gibson, Karen Sue Mrs.