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COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION OF KENTUCKY)	
POWER COMPANY FOR (1) A GENERAL)	
ADJUSTMENT OF ITS RATES FOR ELECTRIC)	CASE NO.
SERVICE; (2) APPROVAL OF TARIFFS AND)	2020-00174
RIDERS; (3) APPROVAL OF ACCOUNTING)	
PRACTICES TO ESTABLISH REGULATORY)	
ASSETS AND LIABILITIES (4) APPROVAL)	
OF A CERTIFICATE OF PUBLIC)	
CONVENIENCE AND NECESSITY; AND (5))	
ALL OTHER REQUIRED APPROVALS AND)	
RELIEF)	

VOLUME II

Transcript of November 18, 2020, hearing
before Chairman Michael J. Schmitt at the Kentucky
Public Service Commission, 211 Sower Boulevard,
Frankfort, Kentucky 40602-0615, with Vice Chairman
Kent A. Chandler, Commissioner Talina R. Mathews,
counsel, and witnesses attending via GoToMeeting.

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Ms. Candace Sacre, PSC Court Reporter

23 * * *

1 (Hearing commenced at 9:05 a.m.)

2 MS. SACRE: Okay, sir, you're on. You're on,
3 Chairman.

4 CHAIRMAN SCHMITT: We may be on the record,
5 but I don't have a screen that --

6 MS. SACRE: Okay.

7 CHAIRMAN SCHMITT: -- shows anything.

8 MS. SACRE: Okay. Just a second, then.

9 CHAIRMAN SCHMITT: Is your screen working?

10 MS. VINSEL: No, it's the same as this.

11 MS. SACRE: I'll text Jim.

12 MS. VINSEL: There we are.

13 MS. SACRE: Okay.

14 CHAIRMAN SCHMITT: Is your-all's screen
15 working? Mine isn't, but --

16 MS. VINSEL: Yes. Yes, mine is working now.

17 MR. GARCIA-SANTANA: Good morning, Your
18 Honor. This is Hector Garcia with Kentucky Power.

19 MS. SACRE: Here comes Jim.

20 CHAIRMAN SCHMITT: No, it doesn't work. Oh,
21 it does work. It finally made it. Okay.

22 All right. The parties and counsel are all
23 present. I guess we won't know until we start,
24 right? Okay. As we left off yesterday, we had
25 finished, I think, the testimony of Mr. Satterwhite.

1 And so at this time, Mr. Overstreet, are you
2 ready to call another witness?

3 MR. GARCIA-SANTANA: Good morning, Your
4 Honor. This is Hector Garcia with Kentucky Power.
5 Just confirming that you can hear me.

6 CHAIRMAN SCHMITT: Yes, Mr. Garcia. Do you
7 have an idea of a witness to call at this time?

8 MR. GARCIA-SANTANA: Yes, Your Honor. The
9 Company would like to call Dr. Kelly Pearce.

10 CHAIRMAN SCHMITT: Okay. Thank you.

11 Would you please raise your right hand?
12 Okay. Do you solemnly swear or affirm under penalty
13 of perjury that the testimony you are about to give
14 will be the truth, the whole truth and nothing but
15 the truth?

16 MR. PEARCE: I do.

17 CHAIRMAN SCHMITT: Okay. Counsel, you may
18 ask.

19 MR. GARCIA-SANTANA: Thank you, Your Honor.

20 KELLY DOUGLAS PEARCE, having been first duly
21 sworn, testified as follows:

22 DIRECT EXAMINATION

23 By Mr. Garcia-Santana:

24 Q. Good morning, Dr. Pearce. Can you hear me?

25 A. Good morning. Yes. I'm turning up my volume

1 just a little bit. Okay.

2 Q. Yeah. During the examination, it's possible
3 that we may be instructed to speak clearly. Since
4 we are in a virtual environment, it's a little
5 harder to take down the record, so just to give you
6 a heads up.

7 Would you please state your name, business
8 address, who you work for, and what title for the
9 record?

10 A. Certainly. My name is Kelly Douglas Pearce.
11 My business address is 1 Riverside Plaza, Columbus,
12 Ohio 43215. I work for American Electric Power
13 Service Corporation. I am managing director of
14 transmission asset strategy and policy.

15 Q. Thank you. And in this case did you cause
16 rebuttal testimony to be submitted on behalf of
17 Kentucky Power?

18 A. Yes, I did.

19 Q. And subsequent to that rebuttal testimony,
20 did you also cause to submit supplemental corrected
21 testimony?

22 A. Yes, I did.

23 Q. Okay. Were those pieces of testimony
24 prepared by you under your supervision?

25 A. Yes, they were.

1 Q. Okay. And did you also cause discovery
2 responses to be submitted on behalf of Kentucky
3 Power?

4 A. Yes, I did.

5 Q. And those also were prepared by you and under
6 your supervision?

7 A. Yes, they were.

8 Q. Okay. Dr. Pearce, if you would be so kind,
9 would you describe briefly, what's the nature of the
10 corrections that were filed as the supplemental
11 corrected testimony?

12 A. Certainly. On a couple of pages of my
13 revised rebuttal testimony, at pages R7 and R8,
14 there were a certain of the numbers that required
15 refiling, and there was an additional question and
16 answer regarding those revisions.

17 In the course of doing an analysis of what
18 would be the impacts on Kentucky Power of leaving
19 the transmission agreement and going from 12CP to a
20 1CP basis, I determined that the incorrect values
21 had been pulled, basically from the roughly
22 15 percent nonaffiliate loads within our zone, and
23 so that was discovered last week and corrected and
24 filed last Thursday, the 12th, I believe.

25 Q. Okay. And just to clarify, those

1 nonaffiliates in the zone, can you describe what
2 those are?

3 A. Certainly. That is within the AEP load zone.
4 That's the approximately 15 percent of the load
5 within the AEP load zone that represents various
6 municipalities and cooperatives that are not
7 affiliates to AEP but take transmission service from
8 AEP within the AEP load zone.

9 Q. Thank you. If I were to ask you the same
10 questions today regarding the discovery answers and
11 your corrected supplemental testimony, would you
12 provide substantially the same answers today?

13 A. Yes, I would.

14 MR. GARCIA-SANTANA: Your Honor, the witness
15 is tendered for cross-examination.

16 CHAIRMAN SCHMITT: Thank you, Mr. Santana.
17 Ms. Vinsel, questions?

18 MS. VINSEL: Your Honor, Staff does not have
19 questions of Dr. Pearce.

20 CHAIRMAN SCHMITT: Okay.

21 Attorney General, counsel for Attorney
22 General, any questions?

23 MR. WEST: Mr. Chairman, we don't have
24 questions for this witness. Thank you.

25 CHAIRMAN SCHMITT: Mr. Kurtz, questions on

1 behalf of KIUC? Mr. Kurtz, we can't hear. You may
2 be on mute.

3 MR. KURTZ: I was. Thank you. Can you hear
4 me now okay?

5 CHAIRMAN SCHMITT: Yes.

6 MR. KURTZ: Even if the connection is bad.
7 Okay. Yeah, I do have a few questions.

8 CROSS-EXAMINATION

9 By Mr. Kurtz:

10 Q. Good morning, Mr. Pearce.

11 A. Good morning, Mr. Kurtz.

12 Q. Under the transmission agreement, Kentucky
13 Power gets its revenue requirement as a transmission
14 owner; is that correct?

15 A. Yes, it does.

16 Q. Okay. And then Kentucky Power pays its 12CP
17 allocated share of the AEP zonal cost as an LSE or
18 transmission user; is that correct?

19 A. Yes, it does.

20 Q. And the return on equity authorized by FERC
21 for all the entities within AEP, which would be
22 Indiana Michigan, Indiana Transco, Kentucky Power,
23 Kentucky Transco, etcetera, is 10.35 percent; is
24 that correct?

25 A. That is correct. 9.85 base ROE and 50 basis

1 points for RTO participation; that is correct.

2 Q. Okay. Then the transcos' equity
3 authorization -- equity ratio is authorized up to
4 55 percent for the transcos; is that correct?

5 A. That is correct.

6 Q. All right. Now, you filed rebuttal testimony
7 against AG KIUC Witness Mr. Baron; is that correct?

8 A. Yes, I did.

9 Q. Okay. Mr. Baron calculated in his initial
10 testimony that if Kentucky Power were a stand-alone
11 entity, transmission entity, it would pay
12 \$19 million per year less in 2020 than as a member
13 of the AEP transmission pool. Is that your
14 understanding of his testimony?

15 A. That's my understanding of what he
16 represented.

17 Q. Okay. You did not challenge that \$19 million
18 number, did you?

19 A. I have not reviewed it. I will say that,
20 just to clarify the scenario he's describing, it is
21 not just Kentucky Power leaving the transmission
22 agreement and being part of the zone. That was
23 under a scenario where Kentucky Power could, in
24 theory, leave both the transmission agreement and
25 create its own load zone within PJM.

1 Q. All right. And all that would require a
2 change to the PJM rules is your understanding; is
3 that correct?

4 A. Yes. Right now there's specifically a
5 portion of the Consolidated Transmission Owners
6 Agreement, which is FERC-approved Rate Schedule 42,
7 that specifically disallows that.

8 Q. Okay. Are you aware that Mr. Baron updated
9 the \$19 million number to \$27.689 million based upon
10 AEP's '20-'21 PJM filing?

11 A. I looked at an updated version of what he
12 did. I did not go through the number specifically.

13 Q. Are you aware that the new number changed
14 from 19 million to 27.689, at least his testimony?

15 A. I'm aware it increased. I'll accept your
16 number.

17 Q. Okay. Is it correct that over the five-year
18 period 2021 to 2025, AEP plans to spend 10.1 billion
19 on transmission within PJM?

20 A. Based on, I believe, the exhibit that we were
21 talking about yesterday, I believe that is the case.

22 Q. Okay. And under the current transmission
23 agreement, Kentucky Power would be allocated about
24 5.6 percent of that 10.1 billion, 5.6 percent being
25 its 12CP share of the AEP system; is that correct?

1 A. That, I believe -- I don't think you can do
2 the math that straightforwardly in the sense that,
3 you know, some of those projects would be part of
4 the regional expansion plan and could get allocated
5 to other zones. The allocation based on 12CP in the
6 AEP zone would only be how much of that got charged
7 back to the AEP zone under the current rules, and
8 then the allocation between the nonaffiliate and the
9 AEP companies under the current transmission
10 agreement, then that bucket then would be further
11 allocated with Kentucky Power paying its 12CP share,
12 which currently is running around 5.7 percent.

13 Q. Okay. Are you familiar with the Certificate
14 of Public Convenience and Necessity process in the
15 AEP East jurisdictions for transmission?

16 A. Somewhat.

17 Q. Can you describe the process in Kentucky
18 versus -- I'll pick just one at random. Versus
19 Indiana?

20 MR. GARCIA-SANTANA: Your Honor, I would like
21 to object to the question to the extent it calls for
22 a legal opinion.

23 CHAIRMAN SCHMITT: Overruled. You may ask.

24 A. Could you repeat the question?

25 Q. The Certificate of Public Convenience and

1 Necessity process for transmission line
2 certification in Kentucky versus Indiana.

3 A. The CPCN process varies across all of our
4 states. I believe I&M has -- does not have a
5 substantial CPCN process. Kentucky, of course, has
6 one. Ohio, on the other kind of end of the
7 spectrum, has a very stringent CPCN process.

8 Q. So it's easier to build transmission in
9 Indiana than Kentucky because of the difference in
10 the CPCN process?

11 A. I would say the CPCN process may be somewhat
12 lighter, but I don't think that is a significant,
13 you know, driver in addressing the needs in the
14 state. We work through whatever regulatory
15 processes we have in each one of our states to
16 address the needs.

17 Q. Would AEP make more money investing in a
18 transco transmission project with a 55 percent
19 equity and 10.35 percent return on equity versus
20 Kentucky Power at 43 percent equity?

21 A. The earnings are going to be tied to the
22 capital structure of the company, I will agree with
23 that.

24 Q. So the higher the equity capitalization, the
25 more profit?

1 A. Well, the more earnings. But, again, also,
2 the flip side as far as the customer value, the
3 higher the equity, normally, the lower the debt
4 rating. For example, I believe Kentucky Transco has
5 a lower debt rating than Kentucky Power does. So
6 the net WACC, weighted average cost of capital, for
7 the customers can be blended together from these two
8 pieces.

9 Q. Still, the net weighted average cost of
10 capital for the transco is higher than for Kentucky
11 Power, correct?

12 A. The earnings based on the investment can be
13 higher.

14 Q. Because the equity has to be grossed up for
15 federal and state taxes and debt is not, among other
16 things?

17 A. Yes, you do have to do an adjustment for the
18 taxes.

19 Q. And a return on equity is -- even after
20 taxes, is higher than the cost of debt, correct?

21 A. Well, I mean, let me be clear. The
22 adjustment for taxes on the equity piece would be
23 true of the opco or the transco, if that's what
24 you're asking.

25 Q. Well, yeah, that's true. And I'm also

1 asking: Isn't the equity component higher than the
2 debt component? You're asking for ten percent after
3 taxes --

4 A. Well --

5 Q. -- here versus four, five percent for debt;
6 is that your understanding?

7 A. Yes, the equity component is allowed up to
8 55 percent for the transcos, that is my
9 understanding.

10 Q. Are you familiar with the process that KPC or
11 some other complainant would have to go through at
12 PJM to change the PJM rules?

13 A. Which PJM rule are you defining?

14 Q. The one that prohibits Kentucky Power from
15 being its own transmission zone.

16 A. Under Article 7.4, to modify that, as
17 referenced in my testimony?

18 Q. Yes.

19 A. As far as all the steps within the process,
20 no, I'm not sure I could describe them all today.
21 But I think even through that process, then
22 eventually you would have to make -- it would
23 probably culminate in a required FERC filing to
24 attempt to make that change at FERC.

25 Q. One last bit of questions, Mr. Pearce.

1 MR. KURTZ: Can -- Ms. Vinsel, could we have
2 on the screen Company Hearing Exhibit Number 7?

3 MS. VINSEL: Yes, Mr. Kurtz, we're getting
4 that displayed.

5 MR. KURTZ: Thank you. Thank you. Could we
6 go to page 8 of 20? That's it.

7 Q. Mr. Pearce, I assume you're familiar with
8 this Company exhibit, this PJM document?

9 A. I'm sorry, it's cutting off on my screen. I
10 only see the top of the exhibit. I don't know if
11 others see it that way.

12 Q. I think it's better now. Can you see the
13 exhibit?

14 A. Yeah. Okay. I can see it. Hang on. My
15 top --

16 Q. Okay. I assume you're familiar with --

17 A. Bear with me here. I'm just trying to pull
18 it up where I can -- on my screen it's showing very
19 small in the up left, and then it's showing just the
20 top of the graph. But I think I can see it here.
21 Okay.

22 Q. Okay. This -- are you familiar with Company
23 Exhibit 7? It's a PJM 2005 --

24 A. Yes, I believe I have seen a version of this.

25 Q. Okay. Now, if we look at AEP, it is page 8,

1 Baseline and Supplemental Project since 2005. So
2 we're seeing -- what does it show for AEP? How
3 should I read this graph?

4 A. Yeah. Like I said, I'm trying to expand it,
5 and when it expands, it only gives me a quarter of
6 it. Hang on.

7 Q. Okay. It shows for baseline 4,942,000,000 --

8 A. Oh. Yeah, I'm -- hey, what you just did was
9 better. Could you re-shrink it further to, like,
10 75 percent? Is there any way -- I apologize. Is
11 there any way to scroll down on the exhibit?

12 VICE CHAIRMAN CHANDLER: So, Mr. Pearce --
13 sorry. This is Kent Chandler. You can control the
14 actual screen with your cursor, the portion of the
15 document that's being presented, and then at the top
16 of the entire dialogue box, there -- you have your
17 own zoom button as well. It's everyone, web cams,
18 then the third item at the top is zoom.

19 THE WITNESS: Okay. I apologize. I see a
20 dialogue box that's got the microphone.

21 VICE CHAIRMAN CHANDLER: On the primary
22 screen that has the document and the video boxes, do
23 you see that?

24 THE WITNESS: Yes.

25 VICE CHAIRMAN CHANDLER: Directly above the

1 video boxes there's an item that says Everyone.
2 Beside that it says Web Cams. Do you see those?

3 THE WITNESS: I see Sharing the Webcam.

4 VICE CHAIRMAN CHANDLER: Yeah. To the right
5 of that, do you have a zoom button?

6 MR. GARCIA-SANTANA: Your Honor, if I may.
7 Dr. Pearce, do you happen to have a freestanding
8 copy of this document? You can follow on your own
9 copy and then probably we can just discuss the
10 document that is being presented, but you are
11 following on your own direct copy. I don't know if
12 you have one available to you.

13 THE WITNESS: I don't believe that I have a
14 copy of this. Let me --

15 MR. GARCIA-SANTANA: Dr. Pearce, actually,
16 you probably have one that we submitted to you by
17 e-mail.

18 THE WITNESS: Okay.

19 MR. GARCIA-SANTANA: Thank you, Your Honor.

20 THE WITNESS: Okay. Yes. Thank you. I have
21 it open now.

22 Q. (By Mr. Kurtz) Great. How about page 8? 8.

23 A. Okay. Sorry for the delay. Okay.

24 Q. So if we go to AEP, do I read this as the
25 amount of spending on baseline and supplemental by

1 AEP since 2005?

2 A. That is correct. That is those statistics.

3 Q. Okay. And these are the transmission rate
4 based numbers that Kentucky Power pays as part of
5 AEP, correct?

6 A. That is correct.

7 Q. Okay. Can we compare that to EKPC? Do you
8 see EKPC, East Kentucky Power Cooperative, who has
9 spent really just a fraction of the dollars on
10 transmission since 2005?

11 A. That is true, you can, but I believe that is
12 an apples-to-oranges comparison. On the very
13 document that we're on, if you scroll to the -- this
14 is the total spend on a dollar basis. If you move
15 to the very next page.

16 Q. I was just going to go there. East
17 Kentucky --

18 A. Okay.

19 Q. -- all the utilities in AEP, so it spent less
20 dollars. It's not really descriptive. But the next
21 page is the amount spent since 2005 adjusted by peak
22 load, to put it more on apples to apples?

23 A. That is correct. And furthermore, if you --
24 we have to recognize the AEP system is a fairly
25 broad area with a low population density. So if you

1 scroll to the page after this one, which identifies
2 it by line miles --

3 Q. I was going to ask you about that page next,
4 but we still have --

5 A. Okay.

6 Q. -- we still see the trend in East Kentucky,
7 adjusted by peak load or by line miles, as a less
8 expensive transmission system than AEP. Would that
9 be fair to say?

10 A. Yes. It has a -- somewhat less expensive, as
11 do many utilities, though, have more expensive on a
12 dollar-per-mile basis, which I think the is fairest
13 comparison.

14 Q. And, in fact, yesterday, I don't know if you
15 saw the -- my discussion with Mr. Mattison about the
16 NITS charges by PJM load zone, where East Kentucky
17 was 20 percent, \$20,000 per megawatt -- per megawatt
18 year versus about 80,000 per megawatt year for East
19 Kentucky -- for Kentucky? For AEP. Did you see
20 that exhibit?

21 A. Yes, I did.

22 Q. East Kentucky operates in basically the same
23 service territory as Kentucky Power, doesn't it?

24 A. Could you elaborate?

25 Q. Same topography, same customer base, probably

1 similar density per transmission mile. I mean, the
2 service territories overlap. Your lines go over
3 their service territory and vice versa, that's what
4 I meant.

5 A. I haven't done that comparison. I don't
6 think I can comment on that.

7 Q. Does a cooperative utility, if you know, have
8 the same earnings growth requirements as an
9 investor-owned utility?

10 A. I'm not sure about earnings growth
11 requirements. I mean, cooperatives and
12 municipalities operate under basically a completely
13 different set of rules, in my mind, than
14 investor-owned utilities.

15 MR. KURTZ: Thank you, Mr. Pearce.

16 Mr. Chairman, I have no further questions.

17 CHAIRMAN SCHMITT: Okay. Thank you.

18 Ms. Grundmann, any questions on behalf of
19 Walmart?

20 MS. GRUNDMANN: No questions, Your Honor.

21 CHAIRMAN SCHMITT: Mr. Spenard or Mr. Strobo,
22 questions?

23 MR. STROBO: No, Mr. Chairman, no questions
24 for this witness.

25 CHAIRMAN SCHMITT: Mr. FitzGerald, questions?

1 MR. FITZGERALD: No, Mr. Chairman, thank you.

2 CHAIRMAN SCHMITT: Sierra Club, Mr. Miller,
3 questions?

4 MR. MILLER: Good morning, Mr. Chairman. No
5 questions from Sierra Club. Thank you.

6 CHAIRMAN SCHMITT: Mr. Frye, any questions of
7 this witness?

8 MR. FRYE: No questions, Mr. Chairman.

9 CHAIRMAN SCHMITT: Vice Chairman Chandler,
10 questions?

11 VICE CHAIRMAN CHANDLER: Thank you, Chairman.
12 Can you hear me?

13 THE WITNESS: Yes.

14 EXAMINATION

15 By Vice Chairman Chandler:

16 Q. Dr. Pearce, how are you?

17 A. Good. How are you? I appreciate you helping
18 me through the technical difficulties a minute ago.

19 Q. That's all right. We're all in the same boat
20 here.

21 Let me ask: Your rebuttal focuses only on
22 the allocation of NITS from a 1CP to a 12CP basis,
23 correct?

24 A. Yes.

25 Q. Yeah. So were you watching the hearing

1 yesterday?

2 A. Yes, I was.

3 Q. Okay. So you saw my questioning of
4 Mr. Satterwhite and Mr. Mattison on the subject?

5 A. I did.

6 Q. Okay. So let me just ask again, because I
7 know that you deal more directly with this than
8 Mr. Satterwhite does. My hope is that after these
9 questions that I can maybe have a better
10 understanding of how everything works together in
11 the AEP East system regarding transmission.

12 A. Okay.

13 Q. So there are operating companies and there
14 are transmission companies, correct?

15 A. That is correct.

16 Q. Is there a -- ignoring, and I don't mean this
17 to be mean to our friends in the south, but ignoring
18 Tennessee for a minute, does every state that has an
19 operating company in the AEP system have a
20 transmission company?

21 Well, let's just go through them. So
22 Tennessee does not, right? They do not have a
23 transmission?

24 A. That's correct, they do not.

25 Q. Okay. And I'm trying to -- work with me

1 here, I may forget a state here. Kentucky does have
2 a transmission company?

3 A. It does.

4 Q. Virginia?

5 A. Yes.

6 Q. West Virginia?

7 A. Yes.

8 Q. Ohio?

9 A. Yes.

10 Q. Indiana?

11 A. Indiana and Michigan have I&MT jointly.

12 Q. And so the Indiana and Michigan are together?

13 A. That's correct.

14 Q. And that's the entire AEP East system,
15 correct?

16 A. Yes.

17 Q. So only Tennessee doesn't have a transmission
18 company?

19 MR. GARCIA-SANTANA: Your Honor, if I may
20 interject for a second, just to clarify the record
21 before this goes any further. If I can ask really
22 quickly, Dr. Pearce, Appalachian Transmission
23 Company covers both Virginia and Tennessee, sir, if
24 you know?

25 CHAIRMAN SCHMITT: I'm sorry, Mr. Santana,

1 I'm not sure I understand you.

2 MR. GARCIA-SANTANA: It covers the
3 Appalachian?

4 VICE CHAIRMAN CHANDLER: Yeah, so I can -- I
5 think I can take care of this.

6 Q. There's a singular transmission company
7 for -- that Appalachian, it covers West Virginia and
8 Virginia, correct?

9 A. I'm sorry?

10 MR. GARCIA-SANTANA: Tennessee and Virginia,
11 Your Honor.

12 Q. Tennessee and Virginia?

13 A. Tennessee and Virginia, yes. Excuse me.
14 Yes.

15 THE WITNESS: Thank you for that
16 clarification.

17 Q. Okay. So West Virginia has its own?

18 A. Yes.

19 Q. Okay. So I just want to make sure I
20 understand. The operating companies don't own the
21 transmission companies, correct?

22 A. No, they do not.

23 Q. Okay. And the -- just to make sure we're
24 also clear, the transmission companies don't own the
25 operating companies, correct?

1 A. No, they do not.

2 Q. Okay. So let's look at it for a second from
3 the operating company perspective. Kentucky Power,
4 you heard that -- from Mr. Satterwhite and
5 Mr. Mattison about them attempting to attract as
6 much capital as possible for Kentucky Power
7 Operating Company to invest in a transmission
8 system.

9 Do you remember Mr. Satterwhite's testimony
10 on that point?

11 A. Yes, I do.

12 Q. Okay. So Kentucky Power invests, we'll just
13 make up money. Let's make up numbers here for the
14 purposes of illustration. They invest \$10 million
15 in transmission, right? And they file that as under
16 the -- the costs recovered of that \$10 million
17 transmission investment is recovered by the
18 transmission of -- the transmission agreement,
19 correct?

20 Oh, I apologize, Mr. Pearce, you're on mute.

21 A. Your Honor, I apologize. That kind of
22 (indiscernible). Kindly repeat that question.

23 Q. Yeah, let's wait one minute for the latency
24 issue to go away. Can you hear me now okay?

25 CHAIRMAN SCHMITT: There's something wrong,

1 Mr. Pearce. We can't hear you.

2 MR. GARCIA-SANTANA: Actually, Your Honor --
3 this is Hector.

4 THE WITNESS: Can you hear me now?

5 MR. GARCIA-SANTANA: It may be a timing
6 problem with the Internet.

7 CHAIRMAN SCHMITT: Oh, okay.

8 Q. So let me --

9 CHAIRMAN SCHMITT: Like an old foreign movie,
10 right? You see the lips move and ten seconds later
11 you get to hear the words. Let's try it and see how
12 it works.

13 Q. Yeah. Can you understand -- can you hear me
14 now, Mr. Pearce?

15 A. I can. Can you hear me?

16 Q. Okay. Yeah, there's just a short delay,
17 which is probably better for everybody, including
18 the court stenographer.

19 Kentucky Power, let's just say hypothetically
20 invests \$10 million in the transmission system in
21 year X. In order to recover that investment, they
22 include that -- they recover that investment through
23 the transmission agreement that we were discussing
24 yesterday, correct?

25 A. You said Kentucky Power?

1 Q. Kentucky Power.

2 A. Yes. Well, if Kentucky Power invests
3 \$10 million in transmission, the revenue requirement
4 for that would actually go into their transmission
5 formula rate, and they would initially get recovery
6 of that revenue requirement directly from PJM.

7 Q. Okay. So how does that happen in practice?
8 What form is that filled out on? Who is that filed
9 with? Does it go through AEP first? And does AEP
10 then do it, or is it filed directly with PJM by AEP
11 on behalf of Kentucky Power? I just would like for
12 you to explain to us, in practice, how that
13 recovery -- how -- let me just ask it this way: How
14 the request for rate recovery occurs from the
15 Kentucky Power perspective.

16 A. Certainly. Certainly. So the -- based on
17 the FERC-approved tariffs, part of the PJM tariff is
18 Attachment H. So as the process is approved,
19 Kentucky Power is one of the companies that on an
20 annual basis develops its projected revenue
21 requirement for the next year. So they have to make
22 an annual filing of that by the end of October each
23 year, looking ahead to the next year.

24 So that is filed, provided to PJM, posted.
25 There's a webinar held, and those rates go into

1 effect January 1 of that year. And then PJM
2 effectively does the billing. And then what happens
3 is, the revenues come back in for our zone to our
4 Transmission Settlements Group.

5 Q. Mr. Pearce, can we wait just a minute on
6 that? I just -- the going up isn't the question,
7 but the how they seek recovery is what I want to
8 clarify first.

9 So they file the request to approve those
10 through their projected revenue requirement as laid
11 out in Attachment H of the PJM Open Access
12 Transmission Tariff, correct?

13 A. That is correct.

14 Q. And is that the case for all of the
15 transmission -- well, I guess, let me withdraw that.

16 Is that the case for all of the AEP operating
17 companies? Is that the same process?

18 A. It is the same process. All of those are
19 under Attachment H. For the op-cos, it's Attachment
20 H14.

21 Q. H14?

22 A. Which, as a traditional cost of service, has
23 effectively been approved by FERC, but the protocols
24 then require that we go through, we update all the
25 information on an annual basis, and then it's

1 submitted as I described.

2 Q. Okay. And so that's the projected revenue
3 requirement for the next year. I assume at some
4 point there's a true-up to that, correct?

5 A. You are correct. What happens is --

6 Q. Can you --

7 A. Go ahead.

8 Q. I think you're going to already do it, but
9 can you explain to me what the true-up is as it
10 relates to the operating companies?

11 A. Absolutely. So what happens is, for example,
12 for 2019, okay, we were required to do a true-up by
13 the end of -- by around the end of May is when we
14 have to have that completed. It is all tied to the
15 FERC Form 1 data.

16 AEP, we complete our FERC form 1s for each of
17 the op-cos around the middle of April. And so by
18 the end of May, then, we submit that. And the same
19 thing, we basically post it, we will have webinars.
20 Our protocols allow for extensive discovery of that,
21 as they actually do for the projection as well.

22 And then that true-up, that over/under, is
23 included back in the next year's rate. So it's
24 actually for -- the 2019 true-up will be included as
25 a line with our 2020 -- so, I'm sorry, 2021

1 projection that will go into effect this year.

2 So we only collect what we actually spend.
3 That's how we get back the over/under with interest
4 at the FERC rate.

5 Q. Okay. And it's the 2021 because the 2020
6 actually would have been filed the previous October,
7 and you haven't gone through the entire year yet to
8 find out what the true-up needs to be, correct?

9 A. Yeah, that's exactly right.

10 Q. Okay. So that's the operating companies.
11 That's how they seek recovery of the revenue
12 requirement, correct?

13 A. Yes.

14 Q. Okay. The transmission companies, is that
15 H20A?

16 A. Yes.

17 Q. Okay. So the transmission companies -- so
18 the operating companies are on H14, an attachment to
19 the Open Access Transmission Tariff. The transcos
20 are H20A. Is it the same situation just with a
21 different tariff?

22 A. It is. It is. The templates are nearly
23 identical, standard cost of service, and all those
24 time frames that I laid out are precisely the same.

25 Q. Okay. And the same projection revenue

1 requirement and then true-up two years later,
2 correct --

3 A. That is --

4 Q. -- or year and a half?

5 A. That is correct.

6 Q. Okay. So we have -- that's the way that all
7 of the transmission investment done by AEP in the
8 AEP East system is recovered is through those two
9 attachments to the Open Access Transmission Tariff,
10 correct?

11 A. You are correct.

12 Q. Okay. And then we go from requesting
13 recovery of the revenue requirement to recovering
14 the revenue requirement.

15 Now, are you aware of the transmission
16 agreement that was referred to yesterday? And I
17 believe it was -- well, it was one of the PSC
18 Staff's exhibits that had the chart as AEP as an LSE
19 and AEP as a transmission owner?

20 A. I am.

21 Q. Okay. So in regards to the conversation that
22 we just had regarding H14 and H20, would you agree
23 that that transmission agreement applies only to
24 those utilities, only to those companies that file
25 under H14, in terms of AEP as a transmission owner?

1 Let me ask that differently. That applies
2 only to the operating companies and not to the
3 transmission companies, correct?

4 A. Yeah, the -- only the operating companies are
5 members of the transmission agreement.

6 Q. Okay.

7 A. For clarity, I'll only add, though, that when
8 it talks about how they allocate the costs coming in
9 that's applicable to the operating companies, that
10 is all of the costs that they get billed. So it
11 would include their -- billing to them as an LSE,
12 whether it was, you know, basically pieces of the
13 opcos or pieces of the transcos.

14 Q. Yeah, and that's the next step of what I want
15 to ask you about. So the -- they get filed with
16 FERC, right? And then can you walk us through the
17 process whereby FERC then charges -- this -- maybe
18 this is not the correct term, but effectively
19 charges those transmission revenues back to load?
20 Can you walk us through that process?

21 A. Certainly. So for net service throughout the
22 year, all load-serving entities within our load zone
23 are going to be charged more for their transmission
24 service. They're going to pay their bill. And
25 then, you know, PJM is a clearinghouse, so

1 basically, at the end of the day, they'd be revenues
2 that they are collecting that come back into -- for
3 the AEP zone, that make their way into our
4 Transmission Settlements Group.

5 Q. All right. So we're going to have to go a
6 little more granular than that. I understand
7 that -- my take on PJM is always be -- going to be
8 the transmission owners -- it's a transmission owner
9 organization and load always pays. So I get that --
10 I get that it all gets allocated to LSEs --

11 A. Yeah.

12 Q. -- but the question I have is the mechanisms
13 by which that is done.

14 A. Okay. So the mechanisms by which that is
15 done is the transmissions group, the settlements
16 group is going to basically identify, based on the
17 network service peak load contribution, all of the
18 nonaffiliate responsibility and allocation for those
19 bills, and then AEP, which is one collective account
20 under Appalachian Power, I believe, that's the first
21 operating company in alphabetical order, it gets
22 allocated to the AEP companies on that basis.

23 Q. Okay. That's great. So all the NITS costs,
24 right, which we -- okay. Let me take a step back.

25 You would agree that there are additional LSE

1 OATT expenses in a -- above and beyond NITS?

2 A. That's correct.

3 Q. Okay. So we'll just talk about NITS for the
4 time being. The NITS costs are broken out first,
5 when they're billed, between LSEs that are not part
6 of AEP and AEP as if it's an entire LSE itself,
7 correct, on a 1CP basis?

8 A. That's correct.

9 Q. Okay. So you -- let me ask this: So let's
10 just make it the city of -- and this is a real city,
11 but it may not be in your district. The city of
12 Kalamazoo, right? Let's say it's an LSE within the
13 AEP East system. Is it going to get allocated NITS
14 on a 1CP basis?

15 A. Yes, it would.

16 Q. Okay. So it gets allocated on a 1CP basis.
17 So you break -- you get the big picture on how PJM
18 charges on a 1CP basis. You break out everybody
19 who's not an affiliate of AEP, or not a load-serving
20 entity of AEP, and then for AEP, you get the bill on
21 a 1CP basis.

22 Now, that is the bill, as I understand it,
23 for all -- for everyone except for those
24 nonaffiliated LSEs, right?

25 A. That is correct.

1 Q. And so let's just -- for an illustration
2 again, even if you allocated those out to AEP LSEs
3 in the east, Kentucky Power Operating Company, Ohio
4 Power Operating Company, Appalachian, even if you
5 allocated all of those out on a 1CP basis, that is
6 materially different in terms of the ultimate costs
7 than if you allocated only the costs of each
8 operating company on a 1CP basis if they were billed
9 separately, correct?

10 A. Okay. Could I ask you to repeat that one
11 more time?

12 Q. Sure.

13 A. I just want to make sure I follow it all.

14 Q. Sure. And maybe I can make it a little more
15 definitive. Is the -- is there a difference, right,
16 between allocating Kentucky Power's 1 CP
17 contribution from the whole AEP residual bill, or,
18 if you just allocated Kentucky Power, Ohio Power,
19 we -- you know, all the different operating
20 companies on their own single CP before -- if the
21 bill was sent directly to Kentucky Power on a 1CP
22 basis instead of being sent to AEP and then being
23 broken out on a 1CP basis.

24 A. It -- let me say this, and if I don't answer
25 your question, please let me know. I think what

1 you're asking is, is if each of the operating
2 companies, for example, was -- the calculation was
3 being done within transmission settlements as though
4 the transmission agreement did not exist, each one
5 would be allocated on a LCP basis. I think the sum
6 of all the companies together would add up to the
7 same amount as is being collected, as is being
8 allocated in the block that we were just talking
9 about.

10 Q. I think the sum would be, but would the
11 individual allocations to the operating companies be
12 the same?

13 A. Well, the individual operating company
14 allocations would all be tied to their individual
15 contribution to the entire zone's network service
16 peak load.

17 Q. But the -- but the percentage is then applied
18 to the costs allocated to the entire AEP East zone
19 for affiliates, correct?

20 A. That is correct.

21 Q. So my question is: Is the same -- let's
22 just -- again, let's just make up a number. So say
23 the allocation was a hundred million dollars, and we
24 know it's way more than that because the -- it's
25 more than a hundred million dollars, right, that's

1 being allocated to AEP after you carve out the
2 nonaffiliated LSEs?

3 A. Correct.

4 Q. But let's say it's -- a hundred million
5 dollars is the residual amount that has to be
6 recovered from all the different AEP operating
7 companies. And then let's say the transmission
8 agreement doesn't exist and it's just going to be
9 reallocated on a 1CP basis, right?

10 A. Yes.

11 Q. And let's say Kentucky Power's is six
12 percent. Okay?

13 A. Okay.

14 Q. So under that, Kentucky Power gets a
15 \$6 million allocation?

16 A. Yes.

17 Q. Okay. Compare that situation to, instead of
18 the AEP East zone being treated as a singular LSE,
19 instead think of it, if each AEP operating company
20 was its own separate LSE, right? And it was
21 allocated -- AEP, Kentucky Power, was allocated its
22 1CP and got a bill directly from PJM instead of it
23 running through AEP first, and Ohio Power Company
24 got allocated a 1CP based off the transmission in
25 their -- you know, if -- I guess what I'm saying is:

1 If each one was a separate zone, if each LSE was its
2 own separate zone, you would agree that the outcome
3 from that LCP allocation is different than the first
4 one I described, whereas everybody just is part of
5 the same TO zone, but they get the LCP after it
6 comes to the AEP East's companies?

7 A. Oh, Your Honor, I mean, I need to clarify.
8 The scenario we're talking about, I thought, is the
9 transmission agreement doesn't exist but they're all
10 still apart of the same zone. Okay.

11 Q. Okay. What I --

12 A. So --

13 Q. What I -- go ahead.

14 A. Okay. So, yes. And I think, if I understand
15 your question -- let me -- maybe this will help, if
16 I just walk through it. And this is actually in my
17 rebuttal testimony, referring to page 7.

18 Q. Okay.

19 A. So what we looked at is, if -- and I think
20 this is the scenario you're describing is, if, for
21 example, Kentucky Power was not part of the
22 transmission agreement anymore, it would be
23 allocated like the nonaffiliates. It would just
24 basically look at the entire bucket of dollars
25 allocated to the entire zone --

1 Q. Right.

2 A. -- and then it'd be allocated a percentage
3 based on its contribution to that one
4 (indiscernible). Then on page 7, on line 8, for the
5 seven-year period we looked at, that is the
6 percentages. The 4.42 percent up to 6.63 percent
7 would be the amounts that would be allocated to
8 Kentucky Power. It would just basically look like a
9 nonaffiliate in our zone. And that's the basis for
10 the allocation to Kentucky Power.

11 Q. Yeah. I know that.

12 A. Does that answer your question?

13 Q. What I want to ask, though, is: For Kentucky
14 Power, for instance, is there a difference between
15 an allocation under that scenario? If the
16 transmission agreement didn't exist, right? Compare
17 that example that you put in your testimony --

18 A. Yes.

19 Q. -- compare it to an example where, instead of
20 all of the operating companies belonging to their
21 own TO zone, if they were all their own TO zone
22 themselves. If Kentucky Power only got allocated,
23 right, the transmission that's located in their
24 territory, would the calculation be different than
25 under the scenario you laid out on page 7?

1 A. In the hypothetical -- so you're talking
2 about, if we went this route that I believe
3 Mr. Kurtz was talking about, is if we attempted to
4 create a new -- entirely new load zone for Kentucky
5 Power itself, as -- instead of it being part of the
6 PJM load zone?

7 Q. That's what I'm trying to understand. It --
8 is that -- yes. That part of that -- that
9 effectively, that's the area. If all the opcos, or
10 even if just -- I was thinking about all the opcos,
11 but if Kentucky Power was its own zone --

12 A. Yeah.

13 Q. -- would you agree that the allocation to it
14 under 1CP would be different than under the
15 allocation if, for instance, just the TA -- just the
16 transmission agreement didn't exist?

17 A. Yeah, it would be assigned a certain dollar
18 revenue amount to the zone, and then under the --
19 under the default, I'll say, for PJM, then it would
20 be the 1CP. So the contribution of that zone, that
21 new Kentucky zone, would be allocated to all the
22 loads in the zone. And obviously, if Kentucky Power
23 was pretty much the only load in that zone, then it
24 would effectively be all allocated to Kentucky
25 Power, with perhaps a few munis or co-ops in there.

1 But I think -- but I do need to clarify
2 something. And I do think that the thinking that,
3 under that scenario, if Kentucky Power became its
4 own -- its completely own zone, okay, if somehow,
5 despite the reference to Article 7.4 specifically,
6 explicitly saying that FERC does not desire that to
7 happen, so personally, I do believe it would be an
8 uphill battle, but on top of that, I don't know that
9 it would necessarily be as easy as saying what the
10 dollar revenue obligation would be for Kentucky
11 Power to be able to just add up Kentucky Power,
12 Kentucky Transcos, the revenue obligation under that
13 zone.

14 Up to this point in time, we have had an
15 integrated system. I mean, we had it for decades,
16 even when we joined PJM and revised the agreement
17 around the 2010 time frame, you know, we still
18 proposed to have an integrated system. So I do
19 think, you know, if such -- and I am speculating
20 here, but if such -- if such filings were even
21 attempted at PJM and at FERC to try to adjust that
22 provision, and it's basically buying an exception, I
23 mean, we'd all agree that there's going to have to
24 be just and reasonable support for that.

25 And I think the problem is, as Kentucky Power

1 being part of an integrated system, is the other
2 companies can look and say, hey, if we have built
3 assets, transmission assets over time in West
4 Virginia, in Virginia, in Ohio, that are clearly
5 supporting Kentucky Power load, I mean, Kentucky
6 Power has a generation asset outside the state, then
7 I think folks could come in with a very strong
8 argument and say, even if they're going to try to
9 create their new zone -- their new zone, that they
10 should be on the hook to pay for some of those
11 legacy -- those legacy investments.

12 Q. And --

13 A. So the dollar amounts -- and, you know, yes,
14 I agree with as far as the peak load contribution,
15 but the dollar amount could change substantially
16 different than just looking at what's the revenue
17 requirement of Kentucky Power and Kentucky Transco
18 together. There could be more charges for that,
19 plus there could be some other issues in the future.

20 Company Witness Ali is, I believe, taking the
21 stand after me, and I think he could talk further
22 about if you really had this scenario where Kentucky
23 Power was its own load zone, even if you could get
24 there, what implications there might be, its
25 negative consequences for Kentucky Power's customers

1 going forward, and how we would have to do this
2 planning between the rest of our integrated system
3 and now Kentucky that's stand-alone.

4 Q. Yeah. So those are all great considerations.
5 So I would ask: Does anybody at AEP talk about
6 these things?

7 A. I mean, I think -- and up to this point we
8 have seen the benefits of the integrated system
9 across our entire system. The Company Witness Ali
10 may have more to add as far as how he looks, but he
11 looks at the needs in all the -- all the opcos, all
12 the states, and basically does a prioritization,
13 shares that with the operating companies, and
14 between them, they make the decisions.

15 But yes, they are looking at it holistically,
16 as an integrated system, to improve the power flows,
17 and reliable power flows across our entire AEP load
18 zone, Kentucky customers included.

19 Q. No, what I'm asking is: I appreciate that
20 there's a steadfast interest by the Company, as
21 evidenced by the testimony, to continue to look at
22 AEP as a holistic entity or as an integrated system.
23 What I'm asking: Is there anybody at the different
24 operating companies or anybody at the AEP Service
25 Company looking out for the concerns of the

1 individual operating companies as part of that goal?

2 A. Oh, that's a great question. Yes. And, I
3 mean, I do think -- at least my personal experience
4 has been that when the transmission organization has
5 met with the various operating company leaderships,
6 that's exactly the type of questions they are
7 asking, that they are making sure they are looking
8 out for their customers and making sure, is it a
9 fair allocation across all the companies.

10 Q. And it's --

11 A. I do get -- go ahead.

12 Q. Excuse me. Go ahead, Mr. Pearce.

13 A. Just to say, I -- 'cause, personally -- I
14 think the term, you know, is one company subsidizing
15 another, and personally, I think that in this
16 context, I think that's somewhat of a misnomer.

17 You know, for years, under the old
18 transmission agreement, Kentucky Power was
19 surplusd, and they were -- because they were
20 getting payments from the other operating companies.
21 But, I -- you know, I would have been one of the
22 first ones to argue that in no way are those
23 companies, you know, subsidizing Kentucky Power.
24 Kentucky Power was investing for the good of the
25 system. And then when you blended all that together

1 and you looked at everybody's load obligation, or
2 load contribution, that's a fair allocator. I mean,
3 it's one that's used, you know, time tested in both
4 retail and wholesale rate making.

5 So, you know, I think -- I would not classify
6 that as cross-subsidization. And I also do think,
7 obviously, that these are dynamic and change over
8 time. You know, as we've all discussed, if the
9 scenario we go down, at the least would take three
10 years from the notice, from the transmission
11 agreement, plus there may be some other three-year
12 capacity planning and everything, every attempt to
13 align Kentucky Power assets on load zone.

14 You know, so in that amount of time, you
15 know, if you get to the end of that three-year
16 period and then you start looking out, well, what
17 Kentucky investments are going to have, you know,
18 post three years out, you know, it could be a
19 situation where now Kentucky is starting to ramp up
20 its investment. And if it has managed to climb this
21 hill of becoming its own load zone, then suddenly
22 it's on the hook for a hundred percent of all the
23 investment, whereas under the current mechanism, it
24 would pay less than -- less than six percent of that
25 investment that would be made in the state of

1 Kentucky. So --

2 Q. But --

3 A. -- I mean, there's just -- I think there's
4 some long-term concerns with potentially trying to
5 do that that would argue that the climb may not be
6 worth the view at the top.

7 Q. Let me ask this question: If that was the
8 case and Kentucky Power was significantly investing
9 in their transmission system, wouldn't you agree
10 that those would be costs within their control?

11 A. Kentucky investing in its own system? I
12 mean, Kentucky investing in its own state, in the --
13 would have some control over that, to the extent
14 that PJM doesn't require specific projects, part --

15 Q. Sure.

16 A. -- of the expansion plan. Company Witness
17 Ali can speak to the specifics of who has the
18 ultimate authority on the various decisions.

19 Q. Yeah, and I'm pretty aware of the
20 differentiation between supplemental and baseline
21 projects, but you're aware of the testimony in this
22 case that the argument for the -- for increasing the
23 tariff PPA from 80 percent recovery to a hundred
24 percent recovery of LSE load expenses is that the
25 Company has no control over those expenses. But

1 under the scenario you described, the Company would
2 then have complete control over the increase in
3 those expenses, correct?

4 A. I'm going to defer that to Company Witness
5 Ali. To the extent that there are some nationwide
6 standards like NERC or other things that may be
7 required, that Kentucky has to comply with, it would
8 be a better question for him.

9 Q. Well, and I can appreciate it would be a
10 better question. And I'll withdraw that, at least
11 the portion that says "complete control."

12 But wouldn't you agree that under that
13 scenario, they would have much more control over
14 their transmission expenses, over PJM LSE OATT
15 expenses, than they do under the current scenario?

16 A. I would think that they would tend to have
17 some more level of control.

18 Q. They would. Okay. And let me just ask:
19 Given that, do you think that that's a consideration
20 a utility should have when deciding what agreements
21 it should be in, what level of control they have
22 over the increase or decrease in expenses?

23 A. That could be one event.

24 Q. And that's one event --

25 A. But I do know -- oh, go ahead.

1 Q. I was going to say: And once you -- once you
2 enter into an agreement, that would be most likely a
3 consideration you would keep in mind as the
4 agreement goes along as to whether or not the
5 agreement continues to be in your best interest,
6 right?

7 A. Yes. Yes. You would definitely look at all
8 of that.

9 Q. Okay. So who is looking at that on behalf of
10 Kentucky Power now?

11 A. As far as the -- I don't know that anybody
12 has done a comprehensive review of, you know, what
13 would be the potential implications for unwinding
14 it. I don't know that somebody at the Company has
15 specifically looked at that. Obviously, if that was
16 a request, and I did hear Company Witness
17 Satterwhite yesterday talk about discussions with
18 Company Witness Mattison about, you know, following
19 this proceeding, additional discussions around these
20 areas, these topic areas. And I think that would be
21 a good forum to perhaps look at that.

22 Q. Yeah. So this agreement is approximately,
23 we'll just use -- this transmission agreement is
24 approximately ten years old, right? Have you been
25 in and around the transmission -- in and around

1 areas of the Company that deal with this
2 transmission agreement since its inception?

3 A. Yes.

4 Q. Okay. And so in that time, has anybody
5 discussed or quantified or attempted to study
6 whether or not the operating companies and the
7 customers of those companies were better off as part
8 of the current agreement as the -- with the
9 agreement amended, with the agreement changed, or
10 with the agreement continued? Has anybody looked at
11 those on a holistic basis or on behalf of any of the
12 individual operating companies within the AEP
13 system?

14 A. Okay. Let me say this: I would say as far
15 as -- there's -- again, there's -- I'm trying --
16 there's a very (indiscernible) between Kentucky
17 Power leaving the transmission agreement and staying
18 part of the AEP zone, which would require a notice,
19 a FERC filing, it could require some level of
20 approvals, but as far as the impacts at Kentucky
21 Power, that's what I believe I did with my rebuttal
22 is I went through in this case to show in that
23 scenario, it would be -- I believe it would be worse
24 for Kentucky Power and its customers to attempt to
25 leave the transmission agreement.

1 Going the next level of saying, well, what if
2 Kentucky not only left the transmission agreement
3 and tried to become its own zone, I am not aware of
4 any specific hard looks at what that -- what that --
5 somebody in the Company has done with that.

6 I think -- I think when we saw the language
7 in the tariffs specifically not allowing that from a
8 FERC perspective, kind of stopped there at this
9 point.

10 Q. But let me just ask: Your testimony was
11 provided in response to a suggestion made by a party
12 in a proceeding at a state level. What I'm asking
13 is: You and your group, on behalf of the different
14 operating companies that depend on AEP Service
15 Company to direct them -- we heard from Mr. Mattison
16 the other day, that he depends on you-all, right,
17 for particularly the transmission planning and the
18 transmission cost recovery. And we heard from
19 Mr. Satterwhite that the operating companies and the
20 transmission group depend on his group to make the
21 filings to get the cost recovery.

22 Prior to it being raised and providing some
23 sort of, you know, calculation in response or in
24 defense of the status quo, I'm just asking, in
25 your-all's daily work on behalf of these operating

1 companies, have you-all looked -- and I assume that
2 the answer would be the same, but have you-all
3 looked at that in any given year of just taking a
4 step back and saying, is this in our customers' or
5 is this in our operating company's best interest to
6 continue with the status quo?

7 Would you say that your response indicates
8 that that hasn't been the case, you haven't looked
9 at that up until now?

10 A. Well, and I appreciate the question. And let
11 me say this: Yes, on a regular basis, I believe we
12 look at the settlements, we look at how it's
13 impacting the various operating companies. And
14 consistent with the discussion yesterday, if I ever
15 saw a situation, in transmission in general, where
16 we felt like there was an inherent bias, you know,
17 for whatever reason, that that was -- that was
18 disfavoring one of our operating companies, I do
19 believe we would raise it to that -- we would raise
20 it up, up the service core chain and we would raise
21 it to the operating company.

22 This allocation discussion that we're having
23 I don't see as an inherent bias. As I discussed, it
24 can move around over time. And there could be areas
25 that Kentucky Power is in that payer that would

1 be -- at times, that Kentucky is in that receiver.

2 So cost allocation, by definition, whenever
3 you develop a form of revenue requirements for
4 its -- for the various entities, you sum them and
5 then you allocate them out. By definition, that's
6 always going to be a zero-sum game. So you're
7 always going to find periods where roughly half of
8 the group could say, you know, I am having to pay
9 more than my revenue requirement, so am I being
10 taken advantage of? And I disagree with that, as I
11 said, in the form of a subsidy. It just -- cost
12 allocation is always going to be a zero-sum game.

13 So this broader context, you know, we've
14 looked at it, not necessarily with the laser lens
15 that we've talked about here over the last half hour
16 or so, but we would, I believe, you know, look at
17 the operating companies and make sure: Are we
18 addressing the needs in the state: Are they paying
19 a fair share of the cost? And if we felt like there
20 was a situation that was inherently biasing any of
21 the opcos, then yes, we would bring it to
22 Mr. Mattison's attention.

23 Q. So Mr. Pearce, if the Company's belief -- and
24 I've heard this now from the three witnesses, that
25 this is an integrated system and this is a fair way

1 to allocate costs of an integrated system. If you
2 always believe that it's an integrated system and
3 you take that at face value, then how is -- wouldn't
4 you agree that taking that position, you're never
5 going to see that there's an inherent bias under
6 this current allocation?

7 A. That's a good question, and I think -- I
8 think, again, it comes back to are all the entities
9 receiving a reasonable benefit that is consistent
10 with their total cost? If, at the end of the day,
11 you know, there could be some situation -- and I'm
12 not saying that that couldn't happen, I'm just
13 saying up to this point I haven't seen it. And I
14 do, though, I'd say a reasonable amount of inquiry
15 in that, where, hey, Kentucky Power is truly being
16 disadvantaged in this situation and we need to -- we
17 need to do something about it, then that's what we
18 would do.

19 Q. Okay. So are you aware of, I think it was
20 the DC Court of Appeals opinion regarding the
21 Dominion 715 projects and the allocation of those
22 costs?

23 A. Somewhat.

24 Q. Somewhat, yeah. That makes two of us. So
25 let me just ask: When that matter was remanded back

1 to FERC and FERC required PJM to rerun the -- rerun
2 those allocations, that instead of those 715
3 projects being allocated solely to the Dominion
4 zone, that they be allocated on a regional basis
5 with some sort of consideration of DFAX, did that
6 change the allocation to -- did that start to
7 allocate a portion of those costs to AEP? Is that
8 your understanding?

9 A. It would potentially allocate a piece of the
10 715 as baseline projects, yes, I believe.

11 Q. Yeah. And did you-all support that
12 allocation, that regional allocation?

13 A. No. We questioned that, that allocation that
14 Dominion was using for that project.

15 Q. Well, wouldn't you agree, then, that --
16 obviously AEP is an integrated system, right?

17 A. Yes.

18 Q. They are -- excuse me. AEP is an integrated
19 system, PJM is an integrated system, correct?

20 A. That is correct.

21 Q. Okay. And it is planned on a region-wide
22 basis, that's the -- that's the underlying of the
23 RTEP process, right? It's the regional transmission
24 enhancement, I think that's the right -- but it's
25 the RTEP process, right?

1 A. That's correct.

2 Q. Okay. And running those scenarios that FERC
3 required on remand, AEP was being allocated a
4 portion of those costs, or being proposed to be
5 allocated a portion of those costs, because the DFAX
6 came back and said that you-all were getting
7 benefits from those, correct?

8 A. Okay. If I recall correctly, the Dominion
9 system that we're talking about is 500 kV, and the
10 allocation that PJM uses in that context is
11 50 percent on load ratio share for everything that's
12 345 kV double circuit and above, and the other
13 50 percent is on DFAX. So some of that would be
14 allocated across the entire zone, the entire PJM,
15 based on load ratio share, the other half would be
16 on DFAX.

17 Q. Right. But you would agree that some of
18 those came back and indicated that AEP was showing
19 up as certain percentages on the DFAX runs, correct?
20 Is that your understanding or your memory?

21 A. I vaguely recall that there might have been
22 some DFAX allocated to our zone. Company Witness
23 Ali may be able to confirm that.

24 Q. So I guess I would ask: You-all don't
25 propose, as I understand it, in the process of

1 allocating all transmissions, then, across the
2 entire PJM system, even though you agree it's
3 integrated and it's planned on an integrated basis?
4 But that's the basis for the transmission agreement
5 and the steadfastness, right, is that the AEP zone
6 is an integrated system? So why is it -- why is one
7 thing that's good for the goose not good for the
8 gander?

9 A. Your Honor, that is a great question. And
10 let me be clear here. On that project that we're
11 discussing, that was a completely different set of
12 circumstances. PJM, on any new project -- a new
13 project, okay -- they are going to allocate costs as
14 I just described. If it's a 345 kV double circuit
15 or above in voltage, half is going to be allocated
16 to load ratio share. So anywhere within PJM that
17 such a project went, AEP would get a portion.
18 Similarly, if AEP did some new refilled 765, we
19 would get the benefit of it being allocated other
20 places.

21 The problem, and part of our frustration, was
22 when, you know, AEP had its own AEP OATT before we
23 joined PJM. When we joined PJM, unfortunately PJM
24 has made the distinction that legacy assets that
25 were there before aren't subject to region-wide cost

1 allocation.

2 So the set of circumstances in this and the
3 distinction with the Dominion issue is, that is a
4 rebuild of legacy assets that up to that point have
5 not been allocated subject to those rules. They
6 have been assigned to the Dominion zone.

7 So in the sense that you're taking an
8 existing asset that only your zone was paying for,
9 and now you're doing nothing but rebuilding that,
10 but now you're seeking to allocate it across all of
11 PJM we felt like was unfair to our customers, and
12 that's what we've been fighting for. So --

13 Q. And --

14 A. So that is different. I would not -- I would
15 not challenge if it was a prior allocation that was
16 continuing, and I think that's what we're talking
17 about in the context of the AEP system.

18 Q. And what if --

19 A. Were it the result -- rules on a new project,
20 I would not -- I would not -- believe I would not
21 challenge that right now under the current rules.

22 Q. Well, let me -- I think this may help me
23 understand your position a little better. So you
24 would say that because Kentucky was always paying
25 for -- let's say it was almost a fully depreciated

1 transmission line in Michigan, that Kentucky should
2 continue to pay for a portion of the replacement for
3 that transmission line?

4 A. I would say that it is appropriate, to use
5 your example, the same way I would say that as
6 Kentucky has lines that depreciate down and need
7 rebuilt, that I&M should pay a portion of that line.
8 We are a fully integrated system, as we have been
9 for a long time, and I do feel there's benefits in
10 that.

11 Q. So the -- I believe in your testimony you
12 referenced a nearby page a minute ago about this
13 allocation. So we've talked about it's maybe a
14 little more than just 1CP versus 12CP, it's also 1CP
15 versus 12CP versus 1CP as if AEP East was its entire
16 zone and if each opco was its entire zone? Those
17 are all distinctions to make, correct?

18 A. Yes.

19 Q. Okay. So when you looked it at just on the
20 12CP versus 1CP basis, as if the transmission
21 agreement didn't exist, that for '19 and '20,
22 Kentucky paid more under the 12CP, is that -- is
23 that right, that they paid more under the 12CP than
24 they would have been under the 1CP, correct?

25 A. '19 and '20. I'm just looking here. Yes,

1 Kentucky Power would have paid more under a 1CP than
2 the 12CP. They benefited for 2019 and 2020. Yes,
3 they did.

4 Q. They paid --

5 A. They had that benefit.

6 Q. (Indiscernible) Kentucky Power --

7 A. They paid -- they would have paid more under
8 1CP than they did under the current transmission
9 agreement 12CP.

10 Q. Okay. And so my other question is,
11 forgetting the allocation of those costs for a
12 minute: What percentage -- for these new
13 investments Kentucky Power is being allocated
14 approximately -- we'll say it's six percent, but I
15 think it's 5.7 percent is the most recent 12CP
16 allocation, right?

17 A. Okay.

18 Q. Is Kentucky attracting -- is Kentucky
19 Operating Company, Kentucky Power Company, is it
20 attracting six percent of the transmission
21 investment?

22 A. I have not looked at that. I think we
23 provided the numbers of the forecasted capital spend
24 for Kentucky Power. I don't know exactly how close
25 it is. I would say, based on revenue requirement,

1 as far as comparing Kentucky Power to the other
2 operating companies, it is attracting more than its
3 load ratio share. The transcos is where it's
4 probably going the other way.

5 Q. What do you mean by "going the other way"?

6 A. Meaning that if you look at -- if you tried
7 to take the transco times 5.7 percent, I believe
8 Kentucky Transco would be -- would be less than that
9 percent.

10 Q. So that --

11 A. It's a little bit more for the opco and a
12 little less for the transco.

13 Q. Yeah. So that's fair. So would you agree
14 that Kentucky -- well, based on the comment, would
15 you agree that Kentucky, then, as a state, between
16 the transco and the opco, and compared to all the
17 other states' transcos and op -- transcos and opcos,
18 that Kentucky Power is getting less than six percent
19 of the new transmission investment over the last few
20 years?

21 A. I would -- subject to check, I think that
22 sounds right that they have for that specific period
23 of time.

24 Q. Okay. And at what point -- to your comment
25 earlier about the fairness of the agreements and the

1 recovery of costs, at what point does that have to
2 be so disproportionate that it's unfair?

3 A. Well, that's a great question. And again, I
4 think the question is, is if Kentucky Power is
5 receiving some benefits from the investment of the
6 other companies, and I believe it is, then I am not
7 sure that's the fair -- that's the fair comparison.

8 Again, I think that takes me back to my
9 point, that the calling a payment that Kentucky may
10 not have quite as much as the others a subsidy, I
11 don't necessarily agree with that. Just as I would
12 defend Kentucky Power if it had invested a little
13 bit more than the 5.7 and effectively, you know,
14 some of the other companies were questioning the
15 same way. But cost allocation like that is always
16 going to be zero sum.

17 Q. Right. If you --

18 A. Now, if there was a -- if there was a -- to
19 answer your question, if there was some set of
20 circumstances where this is biased against Kentucky
21 Power, they can never catch up, it can never be --
22 and it's very clear that they are getting very
23 little benefit, then that may be something we need
24 to look at, but, you know --

25 Q. You --

1 A. -- I can't say that I have seen it yet.

2 Q. You keep using the word "benefit," and I
3 don't know -- you know, if I think of benefit, I
4 think of something like DFAX, right, a quantifiable
5 measure of the flow, right, that you're actually
6 getting use out of it.

7 What do you mean by "benefit," because
8 earlier when you used it, it was exclusively in the
9 context of building the integrated system over the
10 last hundred years, but we're here today and we're
11 trying to move forward with tomorrow, and we talked
12 about that \$36 billion capital plan that the Company
13 has.

14 So what do you mean when you keep saying
15 "benefit," and how are you measuring benefit versus
16 something else we can measure, which is the amount
17 of cost coming to Kentucky Power customers?

18 A. That's a great question. And I do believe
19 that when I say -- what I mean by "benefit," it
20 is -- is they are receiving the
21 benefit of the AEP system in terms of delivering
22 reliable power to load consistent with the amount of
23 dollars they're paying in in total of the total cost
24 responsibility. So not necessarily their own
25 system, but their portion of the total cost of all

1 the companies together.

2 If I may use an example, and I did note in
3 my -- in my rebuttal that I'll be the first one to
4 say that there's never any perfect allocator, but in
5 PJM's perspective across the entire system, the 345
6 kV double circuit and above is allocated at
7 50 percent of load ratio share, so that's regardless
8 of where you are.

9 So you can be on the very western edge of
10 PJM, and if it's a line that's higher than that on
11 the very eastern side, you're paying 50 percent --
12 you're paying on 50 percent of that investment, half
13 based on that load ratio share. And the philosophy
14 is, is that the entire PJM RTO, everybody is
15 benefitting in some concept. You know, it --
16 somebody could go in and argue, no, I want
17 everything on DFAX, everything has to be beneficiary
18 pay is tied to a DFAX calculation. And there's even
19 different ways to do the DFAX calculation.

20 So admittedly, I agree with you that benefit
21 can be hard to define sometimes, and you can argue
22 it different ways, but at least I think bringing the
23 PJM system into AEP, when I say "benefit," I say
24 it's part of an integrated network. I do believe
25 that to the extent that, you know, saying we're

1 going to kind of just seal off the borders of
2 Kentucky, and that, you know, they'll pay for the
3 investment in this state and we'll not necessarily
4 look at, well, are there flows coming into the
5 state, and then, by definition, off somebody else's
6 transmission lines? How much are they benefitting
7 from that?

8 I would say if there's -- if there's imports
9 to our service territory from out of state to
10 Kentucky, then that is a benefit they're receiving
11 thanks to that investment that's made by another
12 company.

13 But I agree with you a hundred percent,
14 there's a lot of ways you can argue about benefits
15 and cost allocation. I mean, that can be its own
16 discussion.

17 Q. Yeah, and I appreciate your example, but
18 you're using an example of a bulk electric
19 transmission system and not the 69 kV and 138 kV
20 system that is the basis for a lot of Kentucky
21 Power -- well, not Kentucky Power's, a lot of AEP's
22 investment in these other states. I mean, you are
23 aware of these hundred-, 90-year-old steel lattice
24 poles that they're replacing throughout Ohio and
25 Michigan on the 138 kV system, right?

1 A. Yeah, I'm aware that -- I'm aware that we
2 have some in -- yes, in -- built in the 1930s --

3 Q. Yeah. And --

4 A. -- and they are --

5 Q. And that's a big project, right, and -- but
6 that's not necessarily the BES, is it?

7 A. I'm sorry, the --

8 Q. That's not -- that's not exactly the
9 interstate transmission highway of electricity, the
10 138 kV system, right? That's why 345 is the
11 threshold for, a lot of times, of those allocations
12 you're talking about, is because at 345 and above
13 there is a systemwide benefit, but we're talking
14 about 48, 69, 138 kV, right?

15 A. Yeah. Let me -- let me defer you to Company
16 Witness Laizar Planner (phonetic). I think he's
17 going to be the best one to describe, at those lower
18 voltages, how much Kentucky can benefit from like,
19 to use your example, the 138 kV system coming in
20 from out of state.

21 Q. Okay. So let me just ask: When you're
22 looking at whether something is fair or not, are you
23 looking at it from the perspective of AEP Service
24 Company, or the AEP generally, or on behalf of
25 general -- of individual operating companies?

1 A. I think we're looking at it that -- I will
2 say both. I think we're looking at it collectively
3 in terms of all the operating companies, but I do
4 think we also consider it on an individual operating
5 company by -- or operating company basis, to make
6 sure that, you know, there's no one that is -- you
7 know, again, my example was biased in some way, that
8 they are paying for something, it's not clear that
9 it's going to be naturally biased this way for some
10 long period of time without some reasonable
11 expectation that they are getting benefits from.

12 Q. And you're -- in the aesthetic above that we
13 talked about earlier, have you come up on any
14 situation that you can provide me to where you found
15 that the interests of the operating company did not
16 align with AEP on the transmission front?

17 A. You're asking me to really pull my memory
18 here. I do recall, and this was several years ago,
19 for the true-up cost allocations, so that the way
20 that the -- and it's been updated relative to what
21 we've talked about earlier, but the way it used to
22 work, when we did the true-up, the allocation of
23 that true-up back to the companies, it was such a
24 way that it wasn't quite being made whole for the
25 companies. They were just basically the revenue --

1 the true-up revenues were being allocated, I think,
2 on, like, the next year's projection. So it was
3 close, but it wasn't getting all the companies back
4 to perfectly made whole.

5 I don't remember which side of that Kentucky
6 Power was on, but we just said it was inequitable.
7 So we actually used the mechanism in the
8 transmission agreement for the operating committee,
9 and said, hey, we can refine this calculation to
10 make sure each of the operating companies is made
11 whole precisely on their -- on their -- on their
12 true-up, receiving the dollars of the true-up if we
13 go through that.

14 So that's -- off the top of my head, that's
15 one example that I can recall that we used the
16 transmission agreement in a positive way to make
17 sure all the operating companies were being treated
18 equitably.

19 Q. So have you seen the increase in the PJM LSE
20 OATT expenses that were discussed yesterday between
21 2014 and the test year in this case?

22 A. I'm not sure which exhibit.

23 Q. Yeah. So Mr. Satterwhite was referred back
24 to Mr. Vaughan's testimony on page 32 and 33, and I
25 believe on page 33 of Mr. Vaughan's testimony, it

1 indicated that in the 2014 case, the PJM LSE OATT
2 expense was approximately, I think, 53, 54 million
3 dollars, and that Mr. Vaughan indicated the test
4 year amount was 96.8. That 96.8 was the number that
5 Ms. Vinsel asked Mr. Satterwhite to remember. Do
6 you remember that portion of the testimony?

7 A. Somewhat, yes.

8 Q. Okay. I'd be happy, if -- to bring it up if
9 you'd like.

10 A. Okay.

11 Q. I'll ask it -- well, so let me -- one second
12 here. All right. Please let me know when you can
13 see my screen, Mr. Pearce.

14 A. Oh, there we go.

15 Q. All right. Perfect. Do you see that, that
16 in the 2014 case that it was 53.7 million --

17 A. Yes.

18 Q. -- on line 10? And then on line 9 it says
19 the test year amount was 96.8?

20 A. Yes, I see that.

21 Q. Okay. That's Vaughan. I can't see the
22 numbers. Vaughan 33, correct?

23 A. Yes.

24 Q. Okay. So let me just ask: Given your role,
25 if you-all were being allocated a significant cost

1 from a neighboring transmission owner and the amount
2 had doubled in six years, would you be alarmed by
3 that?

4 A. I would certainly make inquiries, just to get
5 an understanding of are these -- are these really
6 needed, are these drivers? Yes, I would do -- I
7 would make inquiries.

8 Q. Okay. And have you made inquiries on behalf
9 of Kentucky Power for the PJM LSE OATT expenses as
10 to why it's doubled in six years?

11 A. Well, we've reviewed the expenses, and I've
12 been in several presentations by Company Witness
13 Ali, who's up next, to describe those needs. And I
14 do think as we -- what I do recall yesterday in one
15 of the exhibits was that -- was that histogram
16 showing how many of our assets, exactly how old they
17 are. And while we don't replace assets just
18 strictly on age, it is -- correlates somewhat with
19 condition, condition, performance, and risk, that he
20 can walk through that's driving the needs of the
21 system.

22 If you notice from that exhibit, there was a
23 substantial trough, if you will, from about 1980 to
24 about 2010. Why? Well, the capital requirements of
25 the companies was going to generation at the time.

1 That's where the -- that's where the needs were,
2 that's where the drivers are, adding flue-gas
3 desulfurization scrubbers, adding SCRs. So the
4 system progressively kept getting older without the
5 level of investment.

6 So we're at a point now where this
7 infrastructure, yes, needs rebuilt. I appreciate it
8 is driving up a portion of the bill in these ways,
9 but is it needed to keep reliable power in place?
10 You know, I believe it is, but Company Witness Ali
11 is the head of our planning department and would be
12 the perfect one to walk through those, those
13 examples.

14 Q. So you -- so the amount has doubled in --
15 almost doubled in six years and now represents
16 16 percent, as Mr. Vaughan says in his testimony --
17 we just saw that on page 33, 16 percent of the
18 company's revenue requirement in this case, or the
19 company's revenues. Based off -- or based on the 35
20 or 37 million dollar -- billion dollar investment
21 expectations at the AEP level and the amount of that
22 to pinpoint -- I think the EEI document referenced
23 yesterday was something like ten and a half billion
24 of that's on transmission alone. What, in five or
25 six years, can Kentucky Power customers expect the

1 PJM LSE OATT expenses to be?

2 Well, let me ask this: You would agree that
3 90 percent of the PJM LSE OATT expense is from
4 affiliates, correct?

5 Well, let me -- let's --

6 A. I think it's -- the majority -- the large
7 majority certainly would be.

8 Q. Well, I want to make sure. At AEP 5
9 yesterday, do you remember that, when it was the
10 96.8 and Ms. Vinsel added up to \$88 million, that
11 was almost 91 percent of the PJM LSE OATT expense in
12 the test year. So 91 percent of the current test
13 year bill was from affiliates, those lines that
14 said, you know, PJM affiliated transmission NITS
15 costs 41.6 million, PJM NITS expense-affiliated
16 39.4 million.

17 In five years, given the capital plan, how
18 much is Kentucky Power going to be allocated of
19 those affiliate amounts?

20 A. Its capital spend? I believe we provided
21 that in a discovery request regarding the amounts of
22 capital forecasted over the next few years.

23 Q. And the revenue requirement impact -- and
24 under the current perspective, or the current
25 expected allocation of those costs of Kentucky Power

1 specifically?

2 A. The revenue requirement of the -- no, we
3 don't have any forecast out that far that I'm aware
4 of what our revenue requirement is going to be.

5 Q. You've got a five-year --

6 A. Capital spend.

7 Q. You got a five-year capital plan, but you
8 don't know what the impact of that is to the
9 customer?

10 A. I mean, right now, I know we've done our 2021
11 projection and filed it. Beyond that, as far as the
12 revenue requirement, impact to customers, I'm not
13 aware of a specific allocation, because obviously
14 it's not just, you know, the capital piece, but it's
15 the O&M and the other costs, which as we did see
16 yesterday (indiscernible) for the O&M portion.

17 Q. So if the Commission wanted to know in five
18 years, for instance, if Kentucky Power filed a rate
19 case for the test year in five years, and based on
20 that five-year capital spend, how much of it AEP
21 intends to spend on transmission expense, could
22 you-all at least give us an idea of what you think
23 the affiliated transmission costs are going to be in
24 year five for the PJM LSE OATT expense?

25 A. Five years, and for the transmission expense?

1 Q. Sure. You know what you're going to invest,
2 right?

3 A. Yeah. We've got a forecast for it. I'm not
4 sure how accurate that calculation could be on a
5 forecast basis out that far, but there's quite a bit
6 of complexity to the formula rate. I mean, you get
7 into things like taxes. There might even be -- you
8 know, the next administration, who knows what tax
9 changes are going to be and everything. So --

10 Q. I'm not looking --

11 A. -- it would be -- I'm sorry. It would be --
12 it would be pretty back of the envelope.

13 Q. Yeah, and I'm perfectly happy for the Company
14 to provide whatever caveats they would like in terms
15 of the assumptions they make. But what I'm asking
16 is: Is it -- are you able to?

17 A. On a reliable basis, I don't know. I don't
18 know how reliable we could calculate that number out
19 five years.

20 VICE CHAIRMAN CHANDLER: Chairman, I just
21 have just a couple more questions.

22 Actually, I think that's all I have,
23 Chairman. I appreciate Mr. -- Dr. Pearce. Thank
24 you.

25 THE WITNESS: Thank you.

1 CHAIRMAN SCHMITT: Dr. Mathews, questions?

2 COMMISSIONER MATHEWS: I don't have any.

3 Thank you.

4 CHAIRMAN SCHMITT: Mr. Santana, any redirect
5 examination?

6 MR. GARCIA-SANTANA: Yes, Your Honor, just a
7 few, but we have been going for about 90 minutes,
8 and I'm wondering if there would be time for me to
9 just go ahead and do the redirect now or should we
10 take a break?

11 CHAIRMAN SCHMITT: Well, if you -- yeah, if
12 you don't mind, if we could complete your redirect,
13 then I thought we'd take a break before the next
14 witness was called.

15 MR. GARCIA-SANTANA: I'm sorry, Your Honor, I
16 didn't follow that. Would you like me to proceed
17 with the redirect now or --

18 CHAIRMAN SCHMITT: Yeah, I'd like you to
19 proceed with the redirect of Mr. Pearce.

20 MR. GARCIA-SANTANA: Sure.

21 CHAIRMAN SCHMITT: And after you're
22 completed, we'll take a break before the next
23 witness.

24 MR. GARCIA-SANTANA: Perfect. Thank you.

25 CHAIRMAN SCHMITT: Okay.

1 MR. GARCIA-SANTANA: Thank you, Your Honor.

2 REDIRECT EXAMINATION

3 By Mr. Garcia-Santana:

4 Q. Dr. Pearce, if I can impose on you and on
5 Staff, if we could turn to KIUC Hearing Exhibit 1 as
6 submitted. Oh, I'm sorry, I am sorry. I apologize.
7 I got my -- it was from questioning from Mr. Kurtz,
8 but it's Company Hearing Exhibit 7. I apologize.
9 And specifically I would like to draw your attention
10 to page 10 of the document.

11 A. I'm sorry, I'm not sure -- Company Hearing
12 Exhibit 10. Okay. Is that it?

13 Q. Yes. That's the document. Thank you.

14 A. Yes.

15 Q. That is page 10. Can you see it?

16 A. Yes, I do.

17 Q. Okay. Dr. Pearce, I was under the impression
18 that you were trying to provide some explanation in
19 the context of what you were being asked about the
20 costs associated with the transmission investment by
21 AEP, and I think you were trying to refer to this
22 page. Could you explain to us, please, what is it
23 that we have in front of us, and what the
24 significance?

25 A. Certainly. This is just -- as it shows it,

1 it is for various PJM utilities, and calculated by
2 PJM itself, but it's -- as it says, it's the
3 estimated cost of each utility's transmission system
4 on a dollar-per-mile basis, circuit mile. So AEP is
5 the largest transmission owner in the United States.
6 We have well over 20,000 miles in our -- in PJM.

7 And so as you see, you know, due to the
8 nature of our system -- well, you know,
9 understandably, people will look at the dollars, the
10 revenue requirement, but we feel like, you know,
11 being as cost conscious as possible, investing only
12 as we need to, that on a dollar-per-mile basis, we
13 actually are coming in, you know, relatively low
14 side.

15 You know, I can't speak for EKPC. You know,
16 they may have a system that is fairly depreciated
17 and with not a big revenue requirement, and they may
18 be coming up on some necessary infrastructure
19 investment themselves. I just can't opine on them.
20 But I think we do pay careful attention to these
21 type of statistics to manage the cost for our
22 customers on a dollar-per-mile basis.

23 And Company Witness Ali can speak in much
24 more detail to that, to the extent that there's any
25 specific questions on it.

1 Q. Thank you, Dr. Pearce. You may recall that
2 you were also asked about the formula rates of
3 Kentucky Power at FERC, through which Kentucky Power
4 recovered its transmission investment.

5 Do you recall that line of questioning, sir?

6 A. Yes.

7 Q. Yeah. It's your understanding that Kentucky
8 Power and Kentucky Transco have formula rates that
9 are essentially the same from what's filed with
10 FERC?

11 A. Yes. Kentucky Power and Kentucky Transco
12 have similar formula rate templates at FERC. Is
13 that your question?

14 Q. So, for example, they have the same
15 authorized ROE for their FERC rates, correct?

16 A. Yes, they do.

17 Q. And if I can clarify something, Dr. Pearce.
18 Turning our attention to the transmission agreement,
19 am I correct that the parties to that agreement, the
20 members of that agreement, are only the load-serving
21 entities in the AEP East system?

22 A. You are correct.

23 Q. Okay. And just for clarification, the
24 transmission-only companies like Kentucky Transco,
25 are only transmission owners; is that correct?

1 A. That's right. They're under FERC
2 jurisdiction, and which is why they're not in -- and
3 they are not load-serving entities, so that's why
4 they're not part of the transmission agreement.

5 Q. Right. In other words, they are not
6 load-serving entities because they don't have retail
7 customers, they only have transmission customers?

8 A. You are correct.

9 Q. And then turning for a second. You were
10 asked a series of questions about -- I'm going to
11 call it the possibility or the scenario in which
12 Kentucky Power became its own zone within PJM. Do
13 you recall those questions?

14 A. Yes, I do.

15 Q. Do you have a sense of whether Kentucky Power
16 would be required to pay for essentially its
17 membership, its fair share, if it became its own
18 zone? And if you could describe a little bit what
19 that would look like if -- to extend that you know.

20 A. Well, I mean, again -- and this is a
21 hypothetical because, as we said, there's a
22 provision in the rate schedule that specifically
23 says you can't do this, but just saying from a --
24 from a filing, you know, arguing that it's just and
25 reasonable to do so, I think a natural line of

1 questioning is going to be -- is identifying
2 potential assets that are known by Kentucky Power
3 and Kentucky Transco but for which loads in the
4 state of Kentucky are benefitting from and were
5 effectively built in part for their benefit. Again,
6 Company Witness Ali can probably provide some more
7 color around that.

8 And so, you know, identifying at the end of
9 the day, you know, beforehand, whether Kentucky
10 Power would pay, you know, less or more is unclear
11 to me. If there was additional legacy charges
12 picked up from those -- from such facilities, you
13 know, it could be that a -- that there are
14 additional costs.

15 Q. And it's your understanding that
16 considerations related to Kentucky Power becoming
17 its own zone, to the extent that it were to be
18 something that could be accomplished, would have
19 considerations related to things other than
20 transmission, and what would those be, if you can
21 say?

22 A. Well, you know, one thing I don't think we
23 even touched on is obviously the generation
24 agreement between the companies, the power
25 coordination agreement that Kentucky is a member of.

1 You know, it's kind of our cool light now, but it
2 is through, you know, that agreement, the companies
3 can get -- basically, if a Company has a capacity
4 need, given the FRO plan, there's hedge sales,
5 there's various benefits to all the companies, and I
6 think that would require a fresh look and
7 potentially put Kentucky Power's participation in
8 jeopardy as well if it was attempting to peel off --
9 again, not just break out of the transmission
10 agreement but actually try -- attempt to form its
11 own load zone.

12 Q. And this may be a better question for
13 Mr. Ali, but let me ask you this: To the extent
14 that it would have to do with the interrelationship
15 with PJM and others, but from the position that
16 Kentucky Power is in right now with its generation
17 and its transmission assets, do you have a sense of
18 what Kentucky Power would need to pay for if it was
19 in a stand-alone zone in order to provide service to
20 its customers?

21 A. I mean, what -- it would have to pay,
22 obviously, still the -- a portion of the regional
23 transmission expansion plan. Again, other costs
24 that could be directed. It would be -- again, it
25 would be forging new ground here. So as far as --

1 Company Witness Ali may have some firsthand
2 knowledge of some of the -- you know, the -- and he
3 may not, but as far as some of the specific assets
4 or something that would come into play here.

5 Clearly we all know that, you know, Kentucky
6 Power has generation that's even outside of
7 Kentucky, outside of the state of Kentucky, and it
8 would require transmission service to import it to
9 its load.

10 Q. Okay. And just to wrap up that topic, sir,
11 let's -- actually, let -- I can come back to that.

12 You provided some testimony regarding the
13 level of control that Kentucky Power has over its
14 transmission investments, if I recall correctly. Do
15 you recall that?

16 A. Yes.

17 Q. And to the extent that you were testifying --
18 I just want to clarify the record. Were you at all
19 referring to the control, for example, that Kentucky
20 Power has over the timing of needs or the location
21 of needs or transmission investments that may be
22 required for serving Kentucky Power customers, or is
23 that something that would be more on the planning
24 side for Mr. Ali?

25 I'm just trying to figure out what you were

1 referring to when you were indicating that Kentucky
2 Power may or may not have any control over its
3 transmission investment.

4 A. Yeah, I said as far as the level of control
5 in that scenario, I think as far as still the PJM
6 obligations, the NERC obligations, all of that would
7 be probably questions better for Company Witness Ali
8 to describe.

9 Q. Okay. Let me get into specifics for a
10 second. But you were also providing some testimony
11 about tests, I understand it's called DFAX; is that
12 right?

13 A. Yes.

14 Q. Okay. And is DFAX a reliability measure, or
15 does it take into consideration the normal
16 reliability benefits of transmission, if you know?

17 A. Yes. I mean, DFAX is going to be the use of
18 a new project between the zones. But yeah, that's
19 an important distinction that you're making, is yes,
20 from a PJM standpoint -- and, again, Company Witness
21 Ali can go into more detail, that when PJM does its
22 modeling, it basically assumes all assets are in
23 perfect working condition. So unlike our
24 supplemental work, they consider, you know, a
25 brand-new asset the same as an 80-year-old asset in

1 terms of their modeling.

2 Q. Okay. And one last question, then, in that
3 context, Dr. Pearce. We were talking about the
4 scenario in which Kentucky Power would become its
5 own zone. Do you think that that type of decision
6 or scenario would be something that would need to be
7 considered in a long-term -- with a long-term view,
8 or rather based on circumstances in the short term?

9 A. I think that would need to be considered in
10 the context of a very, very long-term view. There
11 could be certainly a lot of unintended consequences
12 with Kentucky attempting to go its own, as its own
13 zone, if you could even get there.

14 MR. GARCIA-SANTANA: Your Honor, if I can
15 have a second, please.

16 CHAIRMAN SCHMITT: Sure.

17 MR. GARCIA-SANTANA: Thank you, Your Honor.
18 I don't have any further redirect.

19 VICE CHAIRMAN CHANDLER: Chairman Schmitt,
20 can I -- can I ask two questions based on that
21 redirect?

22 CHAIRMAN SCHMITT: Yes.

23 VICE CHAIRMAN CHANDLER: Thank you.

24 * * *

25

REEXAMINATION

1
2 By Vice Chairman Chandler:

3 Q. Just very quickly, when you said -- talking
4 about importing generation, Mr. Pearce, you would
5 agree that if Kentucky Power was its own it TO zone,
6 it would be part of PJM and would not need
7 transmission service in order to be provided
8 generation, regardless of where it's located in the
9 PJM zone -- or PJM, correct?

10 A. I don't think I can completely agree with
11 that, because I -- as I said, the reason I say that
12 is because of this: Because of the scenario we're
13 talking about where, if you are proposing to take
14 an existing zone -- an existing zone, existing TO to
15 join PJM as a block, as others have historically, as
16 EKPC, as Dayton, others that have been pointed to,
17 and now you're trying to go down this path to
18 further split it, I don't know that PJM will -- I
19 appreciate what you're saying, but I'm not sure PJM
20 would necessarily look at it that way when you're
21 further carving up.

22 I mean, we have to ask ourselves, why is that
23 Article 7.4 in there in the first place? And I do
24 think, where is -- if you took on any party -- let's
25 say you took a muni or a co-op that had a small

1 amount of TO, a lot of load in a local area, it was
2 getting benefits from the bigger zone it was in, but
3 it did the math and it suddenly realized, hey, I
4 could call myself my own zone, only pay my share and
5 still get the benefits of all these imports
6 surrounding me.

7 I think -- I think taking that a step further
8 and trying to drill down the -- to the zone on that,
9 I think that's part of what probably drove the
10 desire, through that formation of the Article 7.4,
11 is so we don't start having entities within PJM sort
12 of gaming it to see, well, I'm getting allocated
13 more than I could if I became my own zone.

14 So to attempt to go down that path, I'm not
15 sure you would get the same set of rules applied to
16 you as you would to your point. You know, if
17 Kentucky had always been its own entity, affiliate
18 or not, and never joined PJM and then walked in, I
19 think the rules might apply differently than the
20 situation we're having. So to me, that would be to
21 be determined.

22 Q. To be determined, but you're not aware of any
23 instance that's actually occurred, where a
24 transmission owner or an LSE in a zone has to get
25 some sort of different transmission service when

1 it's a full member of PJM and located within the PJM
2 zone?

3 A. I'm not aware of that because, to the point
4 I'm making -- I'm not aware of that, correct,
5 because -- but I'm not aware if this scenario that
6 we're trying to go down has ever been attempted
7 before, so --

8 Q. And that's fair. That --

9 A. -- both of those.

10 Q. I just want to make sure, there's no rule
11 about transmission service that you were referring
12 to, you're just expressing a concern about a
13 hypothetical?

14 A. I'm expressing -- I'm expressing if you
15 attempt to forge new ground here, you know, taking
16 an existing zone exclusively excluded today and
17 attempt to break that up, what could the parties
18 argue over in terms of, well, you're leaning on me
19 but you're trying to carve out some small period,
20 still take the benefits but basically get out of
21 some, perhaps, historic costs that you were paying
22 for.

23 And again, I think, as I've said, this is not
24 a specific instance that I think Kentucky is
25 necessarily always going to be here. As counsel

1 just asked me, it's definitely going to be a
2 long-term view, I think, should Kentucky -- would be
3 the best look for Kentucky Power and its customers
4 if there's going to be additional discussions on
5 attempting this.

6 Q. But to be fair, nobody's had that discussion
7 before this case?

8 A. Not the full, what if we split up. It just
9 went against this because of the article. I know I
10 have not been in conversations about what if we
11 tried to overcome Article 7.4 and do something.

12 Q. Well --

13 A. And again, I -- and I don't see any -- I
14 still don't see any specific automatic benefits to
15 Kentucky Power as a result of doing that, but I
16 appreciate that it may be worthy of additional
17 discussion, I think as someone discussed yesterday.

18 Q. And the other question I had, and I
19 appreciate -- because I did forget it. And I do
20 appreciate Mr. Garcia's redirect on it, because I
21 asked Mr. Satterwhite yesterday and he pushed it up
22 to you.

23 The offset -- do you remember yesterday me
24 asking Mr. Satterwhite about the difference in
25 investment in a state's transco versus a state's

1 operating company and that the benefit to the
2 operating company is that the revenue requirement
3 from the transmission investment would be an offset?

4 Do you remember that?

5 A. Somewhat.

6 Q. So I was going to say: For a million dollars
7 in revenue requirement, or based on -- let's just
8 make up a \$10 million investment, so short life, a
9 million-dollar revenue requirement coming back to
10 the trans -- if it's made by the transmission
11 company, it just comes right back to the
12 transmission company, goes to AEP, you know, it -- I
13 don't know how it works -- pays the dividends,
14 whatever it may be, right? If it's done at the
15 operating company level, there's a million-dollar
16 revenue requirement come back, that is an offset to
17 rates, correct?

18 A. In the context of what amount goes in, like,
19 if it's in a test year, but that would be -- that
20 would be an offset to rates, you know, the amount.

21 Q. And -- and --

22 A. Between rates you could have a tracker. I
23 was going to try not to refer to them, but I will --
24 part of that I will refer to Company Witness
25 Vaughan, because it's the retail tracker.

1 Q. Yeah. But as I said -- so let's talk about a
2 test year tracker, it doesn't matter. It is an
3 offset if the operating company makes the
4 investment, and that's a benefit that the customers
5 would get, for instance, by having lower rates, as
6 opposed to if the transco makes the investment?

7 A. The revenue coming in, to the extent it is an
8 offset, that's correct. But, of course, in that
9 context, Kentucky Power had to cash out money. They
10 had to come up with the cash. And obviously, you
11 know, if they have to come up with -- let's say a
12 number. If it's a \$20 million investment, and, of
13 course, the revenue requirement. So they have to
14 come up with 20 million, capitalize that. The 20
15 million is going to result in a, you know, much
16 smaller revenue requirement. I'll just say 3
17 million, for example.

18 So they have to -- so as far as how it
19 affects their credit metrics and all that, so they
20 had to cash out like they have the -- but then they
21 would have the revenues coming in.

22 If the transco, by comparison, made the same
23 investment, either way Kentucky Power gets the same
24 charge as an LSE, but then they avoided -- they
25 don't get the revenue, as you said, but then they

1 didn't have to also come up with the cash outlay
2 either.

3 Q. Okay. And then finally, as it relates to
4 control, and we can talk -- you can defer to Mr. Ali
5 if you'd like, but I think you'll understand the
6 concept and be able to help me here. If the
7 Kentucky Transco becomes the one that owns the vast
8 majority, and the maybe eventually the entirety of
9 the Kentucky transmission system owned by AEP
10 affiliate, then Kentucky Power then would have no
11 control over the needs, the timing, the solutions
12 for transmission investment in the state, correct?

13 A. I'm going -- I'm going to -- I'm going to
14 really defer -- to me that's almost a legal
15 interpretation, as far as what level of legal
16 control, I mean, when it goes into CPCNs and -- and
17 I understand there was an order issued, you know,
18 quite a few years ago regarding the Commission's
19 view on their jurisdiction over Kentucky Transco, so
20 it would be consistent with that order and --

21 Q. Yeah. Let me ask it -- let me ask it this
22 way: Does Brett Mattison control the amount
23 invested in Kentucky Transmission Company?

24 A. Brett Mattison is a strong input into those
25 discussions, yes.

1 Q. Yeah. But he does control the investments
2 made in the Kentucky Op -- Kentucky Power Operating
3 Company, correct?

4 A. Absolutely. Absolutely.

5 Q. Okay. So it may be a distinction in degree,
6 but it's certainly a distinction, correct?

7 He may have input into the investments made
8 to Kentucky Transmission Company, but he's in charge
9 of the investments made to Kentucky Power?

10 A. Yeah, and I will -- I don't want to speak for
11 Brett. I think it's too -- I mean, when we say
12 "input," I mean, that could be -- obviously he's the
13 company president, he's going to have very strong
14 input into investment in the state of Kentucky --

15 Q. Okay. And --

16 A. -- regardless whether it's Kentucky Power or
17 Kentucky Transco.

18 Q. And I just want to make sure we're clear.
19 There is no ownership interest either way between
20 Kentucky Transmission Company and Kentucky Power
21 Company?

22 A. That is true.

23 VICE CHAIRMAN CHANDLER: Okay. Thank you
24 Mr. Chairman.

25 CHAIRMAN SCHMITT: Mr. Santana, anything

1 else?

2 MR. GARCIA-SANTANA: Thank you, Your Honor.
3 No. Thank you.

4 CHAIRMAN SCHMITT: Okay. We will now be in
5 recess until ten minutes after 11:00 o'clock, at
6 which time Kentucky Power can call another witness.

7 (Recess from 10:50 a.m. to 11:13 a.m.)

8 CHAIRMAN SCHMITT: Okay. We're now -- we're
9 now back on the record.

10 Ms. Blend, are you taking the next witness?

11 MS. BLEND: I am, Your Honor.

12 CHAIRMAN SCHMITT: Okay. Thank you. If
13 everyone else is on and ready, then, Ms. Blend,
14 please call -- please call Kentucky Power's next
15 witness.

16 MS. BLEND: Thank you, Your Honor. The
17 Company calls Kamran Ali.

18 CHAIRMAN SCHMITT: Okay. Mr. Ali, please
19 raise your right hand. Do you solemnly swear or
20 affirm, under penalty of perjury, that the testimony
21 you are about to give will be the truth, the whole
22 truth, and nothing but the truth?

23 THE WITNESS: I do.

24 CHAIRMAN SCHMITT: Okay. Thank you. You may
25 proceed.

1 MS. BLEND: Thank you, Your Honor.

2 KAMRAN ALI, having been first duly sworn,
3 testified as follows:

4 DIRECT EXAMINATION

5 By Ms. Blend:

6 Q. Good morning, Mr. Ali.

7 A. Good morning.

8 Q. Would you please state your name and business
9 address for the record?

10 A. Kamran Ali. Business address is 8500 Smith
11 Mill's New Albany, Ohio 43054.

12 Q. Thank you. By whom are you employed and in
13 what position?

14 A. I'm employed as managing director of
15 transmission planning for the American Electric
16 Power Service Corporation.

17 Q. Did you cause to be filed rebuttal testimony
18 in this case?

19 A. Yes.

20 Q. Did you also cause to be filed data
21 responses?

22 A. Yes.

23 Q. Do you have any changes or corrections to any
24 of those documents today?

25 A. No, I don't.

1 Q. If I were to ask you the same questions
2 today, would your answers be the same?

3 A. Yes.

4 Q. Thank you.

5 MS. BLEND: Your Honor, Mr. Ali is available
6 for cross-examination.

7 CHAIRMAN SCHMITT: Okay. Thank you. Before
8 cross-examination, Mr. Ali, it is a little difficult
9 to hear, so I would ask you to perhaps get closer to
10 the microphone or speak up. We have a court
11 reporter here who sometimes has difficulty hearing,
12 and it's important that she be able to have a
13 complete understanding of your answers.

14 Ms. Vinsel, any --

15 THE WITNESS: Yes, Your Honor.

16 CHAIRMAN SCHMITT: Okay. Any
17 cross-examination?

18 MS. VINSEL: Yes, chairman.

19 CROSS-EXAMINATION

20 By Ms. Vinsel:

21 Q. Good morning, Mr. Ali. Why don't I let you
22 have a moment to say something so that we can make
23 sure that we've got the volume correct?

24 A. Yes. Can you guys hear me better now? I
25 moved the mic up.

1 MS. SACRE: It's terrible.

2 Q. No.

3 CHAIRMAN SCHMITT: You're still too low.

4 MS. SACRE: He's terrible.

5 CHAIRMAN SCHMITT: You may have to speak into
6 your pocket, hold your microphone.

7 THE WITNESS: How about this? I'm going to
8 switch mics here.

9 CHAIRMAN SCHMITT: That's better.

10 THE WITNESS: Better?

11 CHAIRMAN SCHMITT: That's much better.

12 THE WITNESS: Okay. Awesome. Thank you,
13 Your Honor.

14 Q. Excellent. Okay. I think -- I think we're
15 good to go now. Can you hear me okay?

16 A. Yes, I can.

17 Q. Okay. Again, good morning, Mr. Ali. I have
18 a question or two for you about the PJM Attachment
19 M3 process.

20 Before I begin, can I have you give me just a
21 wee bit of explanation. What is the attachment M3
22 itself?

23 A. Sure. Good morning. So the attachment M3 is
24 the process that oversees engagement and review of
25 projects, mostly supplemental projects. These

1 supplemental projects, in essence, are really, if
2 you think about the PJM project, project buckets,
3 there are three categories of projects in PJM. One
4 is baseline. Those are projects that are driven by
5 bright-line criteria. One is upgrades. Those
6 projects are driven by generation interconnection or
7 changes in their capacity. And then the third
8 bucket is the supplemental projects.

9 The M3 process outlines the process that
10 transmission owners must follow to ensure that these
11 supplemental projects are transparently reviewed
12 with the stakeholders as per the FERC-approved data.

13 Q. Thank you. As the M3 -- and as the
14 attachment M3 process relates to Kentucky Power in
15 supplemental projects, can you provide me just a
16 little more detail? And I appreciated the overview,
17 but if you could give me greater detail about that
18 process in regards to Kentucky Power and
19 supplemental projects.

20 A. Absolutely. I'll be very happy to do that.
21 So, in essence, my organization, the transmission
22 planning organization, is responsible for
23 determining what are the needs across the
24 transmission grid, which also includes the Kentucky
25 Power corporate and the region. And what we do is,

1 on a yearly basis we determine what are the grid,
2 you know, needs based on assessments. You know,
3 some of these assessments are load-flow-type
4 analysis, which is very bright line in nature. You
5 take a line out of service and you see what happens
6 to the rest of the system.

7 Q. Uh-huh.

8 A. Some of the needs are driven purely by the
9 condition, performance, and risk that the assets
10 pose to the grid. So it's my job that we go and
11 collect all those needs across the system, we vet
12 and validate those needs internally, and we vet and
13 validate those needs with our customers. And that
14 happens also on a yearly basis.

15 And then as the needs get vetted and
16 validated, meaning -- I'll give you an example of
17 that. So let's say that my radar shows that there
18 is a line that has 5 million customer minutes of
19 interruptions over a year, then what I want to do is
20 I want to make sure that that is indeed the case, so
21 make sure the data is correct, and, number two,
22 understand why we have so many minutes of
23 interruptions. And the reasons could be, you know,
24 weather. It could be, you know, poor condition of
25 the asset.

1 So once that need is validated, that's when
2 we take that need to the stakeholder forum at PJM.
3 So we then share that with all the stakeholders at
4 PJM, that here is a need on the grid that has
5 resulted in poor performance, poor condition, or it
6 poses a risk to our customers and the grid in the
7 future.

8 Once that is done, the stakeholders then have
9 the ability to comment on that. They have the
10 ability to then provide us maybe additional needs
11 that they are seeing that we have not seen on our
12 radar. And then we have to wait at least 25 days,
13 and in some cases it can take as long as a year to
14 bring back a mitigation plan.

15 So the next meeting that happens with the
16 stakeholders at PJM is the review of the mitigation
17 plan. Again, the stakeholders have the ability to
18 provide alternate or recommend alternate or, you
19 know, if they have questions concerning the project,
20 we have -- you know, we answer those questions
21 during that process.

22 After that, the stakeholders can still send
23 questions to us. We are e-mailed. And then, on a
24 quarterly basis, projects that have been reviewed at
25 PJM, they get published in the local plan. So

1 that's the final step, when PJM publishes the needs
2 and the solutions in the local plan on a quarterly
3 basis.

4 Q. Thank you very much. I very much
5 appreciate -- you answered exactly what I needed.
6 Very thorough. Thank you.

7 MS. VINSEL: Zach, can I ask you to display
8 PAF -- excuse me -- PSC Exhibit 15. Thank you.

9 Q. Just to explain what this is, this is created
10 by AEP. It is --

11 MS. VINSEL: Thank you, Zach.

12 Q. -- the M-3 needs and solutions presentation,
13 and it's titled Sub Regional RTEP Committee:
14 Western AEP Supplemental Projects.

15 MS. VINSEL: Zach, can I have you scroll
16 through three or four pages so I can show this to
17 Mr. Ali? And if you'll go to the next page. There.

18 Q. The remainder of this presentation contains
19 similar slides. This presentation has about 87
20 different transmission projects that sets forth the
21 project driver, assumptions, and identified problems
22 at each site. And again, as you can see from the
23 upper-left corner, this was created by AEP.

24 Mr. Ali, have you seen this document before?

25 A. Yes, I have seen this document. We prepared

1 this document, my team does, on a monthly basis, in
2 collaboration with PJM.

3 Q. And is this -- and if you need us to scroll
4 through a couple more pages, please let me know.
5 But I would ask if this is an accurate
6 representation of an ordinary sub regional RTEP
7 presentation from AEP, and in that sense it has both
8 solutions and needs?

9 A. That is correct. So this is -- this is a
10 correct representation of the process that I
11 mentioned earlier. And you can see there are -- in
12 a given meeting, there are needs that we're bringing
13 forth, and then we are bringing forth needs and
14 solutions for needs that may have been discussed in
15 previous meetings. So it has -- it has both the
16 needs, new needs, and solutions to needs that have
17 already been discussed in previous meetings.

18 Q. Thank you.

19 MS. VINSEL: Zach, you can take that document
20 down. Staff has no further questions, Chairman.

21 CHAIRMAN SCHMITT: For Office of Attorney
22 General, any questions?

23 MR. WEST: We have no questions for this
24 witness, Your Honor.

25 CHAIRMAN SCHMITT: Okay. Mr. Kurtz,

1 questions?

2 MR. KURTZ: Thank you, Your Honor.

3 CROSS-EXAMINATION

4 By Mr. Kurtz:

5 Q. Okay. Great. Good morning, Mr. Ali.

6 A. Good morning, Mr. Kurtz.

7 Q. In your rebuttal testimony, you opposed the
8 AG KIUC recommendation that incremental transmission
9 expenses be recovered solely through base rates,
10 correct?

11 A. Can you please refer me to that, just to
12 refresh my memory? I don't -- I'm not recalling
13 opposing --

14 Q. Well, let me say it the opposite way. You
15 recommend a hundred percent tracker recovery of
16 incremental transmission expenses through PPA,
17 correct?

18 A. That is correct.

19 Q. Okay. And the AG KIUC proposal was a hundred
20 percent recovery through base rates. Were you aware
21 of that?

22 A. Yes. I remember seeing that.

23 Q. Okay. If the Commission accepts your
24 proposal, how big will the rate increase be for
25 calendar year 2021?

1 A. Mr. Kurtz, that would have been a good
2 question for Company Witness Pearce, because I do
3 not do rate calculations, so I really can't answer
4 that, the impact of that.

5 Q. And I guess you don't know probably what the
6 rate increase would be in 2022 either, correct?

7 A. That is correct, sir.

8 Q. Okay. Well, how do you know if your
9 recommendation is reasonable if you don't know how
10 big the rate increase would be?

11 A. So, Mr. Kurtz, we work as a collective team
12 here at AEP. So, of course, my job responsibility
13 is to determine what are the needs across the grid,
14 as I explained earlier, what risks those needs pose,
15 what are the best solutions that are cost effective,
16 reliable, and safe for our customers, and then get
17 those to the stakeholder process to make sure their
18 opinions and feedback is accounted for.

19 And then, of course, that gets, you know,
20 visited with -- you know, with folks like Brett
21 Mattison, Company Witness Brett Mattison, so that
22 they can look at the other aspects of it, as to what
23 are the rate impacts, you know, how much investment
24 can the Company afford.

25 So really, those decisions are made

1 collectively, and I'm just playing the part of the
2 planning aspect of that.

3 Q. Okay. One basis for your recommendation was
4 your belief that Kentucky Power does not really have
5 effective control over these transmission expenses,
6 correct?

7 A. Yes, that is -- that is correct. I mean,
8 Kentucky Power, or for that matter, any transmission
9 owner or load-serving entity across North America, I
10 mean, they don't have really the control over the
11 needs. The needs are what those are. Some of those
12 needs are determined by the age of your system and
13 the performance and condition of that system and how
14 it is being used. Some of those needs are
15 determined by regulation from the RTOs or NERC or
16 other regulatory bodies, and some of them are, you
17 know, state regulations, as well as customer
18 obligations.

19 So really, there is no control that the
20 transmission owners or LSEs have on the needs. They
21 may have some control on the timing of how and when
22 to address them.

23 Q. Well, between Kentucky Power and its
24 ratepayers, who has more control over the timing and
25 the need for these transmission rate increases?

1 A. I'm sorry, I don't quite get that question,
2 Mr. Kurtz. Could you please repeat that?

3 Q. Well, the ratepayers have no -- zero control
4 over the timing and the level and the need of these
5 transmission rate increases. Certainly, I would
6 expect, Kentucky Power has some --

7 A. Well --

8 Q. -- (indiscernible) consumers?

9 A. Mr. Kurtz, like I said, I mean, you know, the
10 needs are what they are on the grid. And again, if
11 they're not addressed, they pose significant risks
12 down the road to our customers and the reliability
13 of the grid. So, I mean, nobody has, I would say,
14 control over those needs. Now, of course, a company
15 like Kentucky Power has to make sure that the
16 investments are made in a way that is, number one,
17 taking into consideration the impact on customers as
18 well as taking into consideration the financial
19 health of the company.

20 And I know I heard Mr. Mattison talk about
21 that. I think he would be the right witness to
22 answer that question concerning, you know, who has
23 more control, whether it's customers or Kentucky
24 Power. Like I said, where I sit, looking at the
25 needs, really, those needs are outside the control

1 of anyone.

2 Q. Well, just to close up, you're aware that the
3 Attorney General KIUC position is that Kentucky
4 Power should get, could get, would get 100 percent
5 recovery of all its transmission expenses; however,
6 it would be through a rate case, not through an
7 automatic tracker? Is that your understanding of
8 our position?

9 A. Mr. Kurtz, you mentioned that earlier, and I
10 remember seeing that. Yes, I'm aware of it.

11 MR. KURTZ: Chairman, no more questions.

12 CHAIRMAN SCHMITT: Thank you. Ms. Grundmann,
13 any questions for Walmart?

14 Ms. Grundmann, cross-examination?

15 VICE CHAIRMAN CHANDLER: Chairman, can you --
16 can you wave your hand if you can hear us?

17 CHAIRMAN SCHMITT: Yeah.

18 VICE CHAIRMAN CHANDLER: Yeah, we can't hear
19 the hearing room.

20 CHAIRMAN SCHMITT: You can't hear me? You
21 can't --

22 MS. VINSEL: No, they can't hear you.

23 CHAIRMAN SCHMITT: Well, let's see if we can
24 find some way to get it fixed.

25 Nancy, can they hear you, do you think?

1 MS. VINSEL: No, I don't think so.

2 VICE CHAIRMAN CHANDLER: Chairman, we can
3 hear you now.

4 MS. GRUNDMANN: Loud, Chairman.

5 CHAIRMAN SCHMITT: You can? Oh, okay. I'm
6 sorry. I don't know what happened. The system's
7 failures are rampant.

8 Ms. Grundmann, do you have any
9 cross-examination on behalf of Walmart?

10 MS. GRUNDMANN: I do. I just have some very
11 brief questions.

12 CROSS-EXAMINATION

13 By Ms. Grundmann:

14 Q. Mr. Ali, are you familiar with the Virginia
15 Clean Economy Act that was effective -- it went into
16 effect July 1st, 2020, of this year?

17 A. Yes, I have -- I have read it at a high
18 level, I would say executive summary level, so that
19 that's my level of familiarity with it.

20 Q. And just from that high level, do you
21 anticipate there being a need for transmission
22 projects associated with the requirements that are
23 imposed on APCo as a result of the VCEA?

24 A. We have actually not done any analysis to
25 substantiate that, so I really can't answer that.

1 That would be -- that would be speculative on my
2 part, without having done any analysis concerning
3 that.

4 Q. But you understand that there is an
5 obligation on the part of APCo to either acquire or
6 purchase certain renewable power, whether or not
7 there's an actual need for it, in order to meet
8 certain renewable and carbon free goals by 2050?

9 A. Yes, Ms. Grundmann, I understand that. I
10 guess your question was, would there be transmission
11 investment. And like I said, I don't know where
12 that renewable is going to come from, where it would
13 be located, so I can't really answer if there will
14 or there will not be any transmission investment in
15 regards to that.

16 Q. Well, and I guess just my question that sort
17 of flows from that is: I think you made a statement
18 about the grid and the transmission and that the
19 needs are what they are on the grid, right?

20 A. That is correct.

21 Q. And just to the extent that APCo were
22 obligated to undertake a transmission project as a
23 result of an obligation imposed with the VCEA,
24 that's not exactly the typical type of need that we
25 would associate with a transmission project, is it?

1 A. Ms. Grundmann, it really depends, because,
2 you know, the tariff, the way it is written in PJM,
3 generation interconnection is a cost that is borne
4 by the generator. So if the renewables that are
5 being acquired are within the PJM zone, which I'm
6 assuming most likely they will be -- and again,
7 that's an assumption on my part, so I want to
8 clarify that -- then those generators need to be
9 deliverable to begin with, and those costs of the
10 transmission upgrades to ensure deliverability will
11 be already part of the generation interconnection
12 cost.

13 So again, like I said, we would really need
14 to know where the exact location of that generation
15 is. If it's outside PJM, yes, there could be --
16 there could be costs, but that -- again, without
17 doing any analysis, I can't speculate on that.

18 Q. Well, just as an example, I believe the VCEA
19 does require that at least some amount of this new
20 load be located within the Commonwealth of Virginia.
21 Are you familiar with that?

22 A. Yes, I am. And, Ms. Grundmann, my -- I guess
23 what I'm not familiar with or I don't have an answer
24 on is where is the remaining coming from? If the
25 remaining is also coming from the PJM region, then

1 the expectation that there will be a transmission
2 investment needed I think is wrong, because that
3 generation is already deliverable within PJM and it
4 has already gotten connection to the transmission
5 grid.

6 If it's coming from outside PJM, then, of
7 course, depending on where it's coming from, you may
8 or may not need transition investment.

9 MS. GRUNDMANN: Okay. No further questions.

10 CHAIRMAN SCHMITT: Mr. Spenard, Mr. Strobo,
11 questions for Kentucky Solar?

12 MR. STROBO: No, Mr. Chairman, no questions
13 on behalf of KYSEIA.

14 CHAIRMAN SCHMITT: Mr. FitzGerald, questions?

15 MR. FITZGERALD: No, Mr. Chairman. Thank you
16 very much.

17 CHAIRMAN SCHMITT: Mr. Miller, Sierra Club,
18 questions?

19 MR. MILLER: Thank you, Mr. Chairman. No, no
20 questions from Sierra Club.

21 CHAIRMAN SCHMITT: Mr. Frye, any questions?

22 MR. FRYE: No, Mr. Chairman, no questions at
23 this time.

24 CHAIRMAN SCHMITT: Vice Chairman Chandler,
25 questions?

1 VICE CHAIRMAN CHANDLER: Thank you, Chairman.

2 EXAMINATION

3 By Vice Chairman Chandler:

4 Q. Mr. Ali, how are you?

5 A. I am doing well, sir. How about yourself?

6 Q. Good. Yesterday I referred to you as the
7 Alex Vaughan of transmission, that -- the joke has
8 been around here about a couple of hearings we've
9 had, everybody always pushes their questions off to
10 Mr. Vaughan, but now that we're talking about
11 transmission, everybody is pushing their questions
12 off to you, Mr. Ali.

13 A. Your Honor, I must -- I must tell you that
14 that that was very character-limiting move for me by
15 naming me Alex Vaughan, so I may have to change my
16 name.

17 Q. Yeah. Well, maybe Mr. Vaughan can be the
18 Kamran Ali of everything else.

19 Let me ask here: Until a comment by
20 Mr. Pearce and then your testimony a minute ago in
21 response to KIUC, the testimony in this case, at
22 least in regards to Mr. Vaughan about the need for a
23 hundred percent recovery of tariff PP -- of the LSE
24 OATT costs and tariff PPA have been that the
25 costs -- that LSE OATT expenses are outside the

1 Company's control because they are pursuant to a
2 FERC-approved rate schedule and that the -- yeah,
3 just that the annual -- this is Vaughan, line 6 at
4 32, (Reading) The annual level such as charges and
5 credits can vary greatly from year to year and are
6 largely out of the -- of the Company's control.

7 Also" -- and this is the portion that

8 Mr. Satterwhite read in the testimony yesterday.

9 (Reading) Also, as the Company expected, PJM
10 transmission owners have continued to increase their
11 investment in the transmission grid. The increasing
12 level of investment which is necessary to maintain
13 and improve the grid will increase transmission
14 charges allocated to LSE and PJM, including Kentucky
15 Power.

16 So as I understood it up to now, the
17 out-of-control was that, hey, FERC said these are
18 the costs, other people are imposing these costs,
19 they're the drivers of it, it's out of Kentucky
20 Power's control, let us recover it through the
21 tariff PPA.

22 But what you're saying is, even if these
23 weren't allocated costs and these were solely the
24 costs of Kentucky Power alone, that you still
25 consider them out of their control. Am I

1 understanding that correct?

2 A. Yes, Your Honor. So I am focusing on the
3 needs aspect of it, right? I mean, so really, all
4 these investments are driven by needs across the
5 grid, and those needs are, in essence, outside the
6 control of anyone, and so that's what I was
7 referring to. I think what you are talking about is
8 even beyond that, the allocation piece of it. And
9 you're right, there is a -- there is a FERC-approved
10 tariff for that that I know Mr. Kelly Pearce talked
11 about in detail.

12 Q. Okay. So let me ask this question: Who is
13 the final arbiter of need?

14 A. I mean, at the end of the day, the decision
15 as to which need gets addressed and which need gets
16 deferred -- so, first of all, we have to address all
17 of them. There is no question about it, because if
18 you don't -- if you don't address them, then
19 eventually you address them as a failed equipment,
20 right, which is more costly for our customers, not
21 to mention all the customer interruptions it adds.

22 So really, as far as the needs are concerned,
23 all of them need to be addressed, but who determines
24 the timing of it? That is a decision that the
25 operating companies have to make for their -- for

1 their needs on their system. And I know
2 Mr. Mattison talked about that yesterday. And, you
3 know, that depends on many factors, which I -- which
4 I think he's the better witness to talk about what
5 factors he considers when making that decision.

6 But like I said, the needs themselves have to
7 be addressed, they are outside the control. As to
8 how many can a company afford in a given year, that
9 is the -- that's the financial factor that
10 Mr. Mattison had mentioned yesterday.

11 Q. So if the need -- you would agree that the
12 transmission, whether it's at the state level or at
13 the federal level, is regulated in some degree,
14 correct?

15 A. That is --

16 Q. Transmission --

17 A. -- my understanding, yes.

18 Q. Right. Transmission rates. So FERC, for
19 instance, there's a process by which people can
20 oppose or challenge the prudence of projects, right,
21 whether it's that the project isn't needed or
22 whether it's more expensive than it needs to be,
23 whatever it may be, there's a process by which they
24 can challenge the underlying need for a project,
25 correct?

1 A. That is correct.

2 Q. And then at the state level, and I know
3 you've got 11 -- or you don't have 11 -- you're just
4 in the East zone, correct? You just operate in the
5 East?

6 A. No, Your Honor, I oversee planning function
7 for the entire AEP system.

8 Q. Okay. So great. So 11 jurisdictions, right?

9 A. That is correct.

10 Q. Yeah, same as Mr. Satterwhite. So you got
11 the 11 jurisdictions and then the federal review.
12 So would you agree that insofar as maybe FERC
13 doesn't have the -- you know, whether it's -- well,
14 like I say, a CPCN process in Kentucky. We'll just
15 talk about a very simple example. Kentucky
16 ultimately determines the need for a project when
17 you bring in front of them for a CPCN, correct?

18 A. I think, Your Honor, that maybe the right way
19 for me to point that out would be the need is what
20 it is. Kentucky Commission may be the -- as far as
21 require CPCN, the Kentucky Commission is the one
22 that is validating it and agreeing with it and
23 ratifying it or disagreeing with it, right?

24 Q. Right. That was my question earlier about
25 the final arbiter. Kentucky Power can assert that

1 there's a need, but as far as the CPCN, the
2 standard, as I understand it, is that the Company
3 must prove need and wasteful duplication. So
4 insofar as the Commission doesn't find that there is
5 a need, would you agree that their -- like, for
6 instance, in that example, in Kentucky, they are the
7 final arbiter to determine, factually, on a legal
8 basis, whether there's a need? And I'm not asking
9 you for a legal opinion, but that's your
10 understanding of the need determination, correct?

11 A. If you're -- Your Honor, if your question is
12 can Kentucky Commission deny a filing for CPCN if
13 they don't find a need, then the answer is
14 absolutely they can. And similarly, the
15 stakeholders have the ability, and they exercise
16 that ability, to bring forth any prudency issues
17 that that when we file the pro forma 1 filing.

18 And to my experience, you know, so far, we
19 haven't had an instance where FERC said there was --
20 a project was not prudent. We had one instance
21 where the cost was -- you know, was booked as
22 transmission and should have been booked at
23 distribution, so we made that change thanks to our
24 stakeholder engagement.

25 But again, you're right, FERC -- FERC has the

1 ability during those proceedings to say if there was
2 something prudent or not prudent.

3 Q. Okay. So FERC has that ability. We do agree
4 Kentucky has the ability when it's actually being
5 requested to be built, right, in terms of the
6 Kentucky Power Company.

7 You operate in 11 jurisdictions. Let's just
8 focus on the AEP East system. Is that -- is that --
9 well, let's call it a safeguard, because I want to
10 give myself a little more -- maybe make myself a
11 little more important than I am. But say there's
12 that safeguard as a determination of need in
13 Kentucky in the CPCN process. Can we walk through a
14 couple of the AEP East states and can you tell me
15 whether the -- whether or not you're aware of
16 whether there is that ultimate need, or you've
17 experienced that ultimate need arbitration or
18 determination at the Commission level or deciding
19 board level?

20 So like in Ohio, for instance, is there any
21 determination, is there any sort of CPCN process,
22 either on the operating company or the transmission
23 company side, where there's ever a situation to
24 where, the state level, somebody is the ultimate
25 arbiter of need?

1 A. Your Honor, that's a very loaded question, so
2 I'm going to take it apart a little bit. I hope you
3 don't mind.

4 Q. Take it however you want it.

5 A. So, you know, when it comes to Ohio, let's
6 take that as an example. Does Ohio have a siting
7 process? Absolutely, it does. Is the siting
8 process for Ohio the same as Kentucky? No. There
9 are differences, and those differences are defined
10 very clearly in the state statutes. You know,
11 similarly, Virginia, they have a siting process.
12 You know, states that don't have siting processes,
13 they have other permitting processes. They have
14 rate cases that, you know, you gotta go through, and
15 again -- and to your question, is there an ultimate
16 entity that you can go to and say, okay, I don't
17 agree with the prudence, you know, in my opinion,
18 what is common to all of these jurisdictions, that
19 one entity that anybody can go to and say I don't
20 agree with the prudence of a certain investment,
21 that is FERC.

22 Q. Yeah. I don't want to get off on words like
23 reasonable, just -- you know, just and reasonable or
24 fair or prudent. I didn't anticipate asking
25 questions about this, but your answer specifically

1 was the need is what it is, right? The need is the
2 need?

3 A. (Witness nodded head.)

4 Q. But you-all are regulated on the transmission
5 front on -- well, you're regulated on the trans --
6 on transmission on all fronts, right, either at the
7 state or the federal level. And what I want to make
8 sure of is that I understand, there is ultimately
9 some degree of somebody saying what the need is,
10 right, or to -- the word you used earlier was
11 "validate" the need, right?

12 A. (Witness nodded head.)

13 Q. You would agree that there's some -- you-all
14 aren't -- let me ask the question this way: You-all
15 aren't the sole determiner in -- the sole
16 determining entity in deciding whether there is need
17 or not? There are checks along the way, correct?

18 A. That is correct.

19 Q. Okay. And so do you-all -- and that's the
20 same case for all transmission owners. Let's just
21 use an example. Other transmission owners in PJM,
22 correct?

23 A. That is correct.

24 Q. Okay. And so do you-all ever challenge other
25 PJM transmission owners, FERC formula tariff -- FERC

1 transmission formula filings?

2 A. Not to my -- not to my knowledge, we haven't.
3 And again, Your Honor, you know, for us to challenge
4 it, first of all, we need to know that there is an
5 adverse impact to our customers or our systems for
6 us to do that. I'm unaware of any such case where
7 we needed to.

8 Q. Okay. And then -- and then, have -- are you
9 aware of any operating company within AEP
10 challenging any other AEP affiliates' FERC formula
11 filings?

12 A. Well, Your Honor, I'm not aware of it. Like
13 I said, there has to be a basis for something like
14 that. And, I mean, I'm not sure, do you -- do you
15 have some example that you are -- you are thinking
16 about? Maybe I can answer that more completely.

17 Q. I don't. I'm asking -- I'm asking, are there
18 examples of it?

19 A. No.

20 Q. Okay. So do -- these questions -- I don't
21 want to go out of order, Mr. Ali.

22 VICE CHAIRMAN CHANDLER: Can I ask if Staff
23 could bring up that PSC Exhibit Number 15, which is
24 the supplemental planning document?

25 Q. And so, Mr. Ali, we're both aware of this

1 document. These are the near monthly filings made
2 at the sub regional -- sub regional RTEP western
3 meetings, correct?

4 A. That is correct, Your Honor.

5 Q. There are a couple of -- or a few, I forget.
6 There's two or three sub regional RTEP committees,
7 right? There's a western, maybe a southern, and an
8 eastern, mid-Atlantic?

9 A. You're right. It's the mid-Atlantic one.
10 Yes, it is.

11 Q. Okay. And so the sub regional RTEP
12 western -- and I'm just now realizing the R and the
13 regional are the same thing. But the sub regional
14 RTEP western committee is, help me out here, Dayton
15 Power & Light, right, East Kentucky Power, AEP? Is
16 there anybody else in the western?

17 A. So, Your Honor, so we have in the western
18 also part of the FirstEnergy system --

19 Q. Okay.

20 A. -- and APF, and, of course, ComEd of the --
21 you know, the footprint in Chicago, that's part
22 of it.

23 Q. Of Exelon, right? It's a subsidiary of
24 Exelon?

25 A. That's right.

1 Q. Okay. So you-all bring these. And let's
2 take a step back. One thing that Ms. Vinsel didn't
3 ask about and that you maybe covered. There are
4 needs and solutions as part of the process, right?
5 There are times frames between when you can bring
6 those needs and solutions, and then every year
7 there's an update as to the basis, effectively, the
8 information and quantifications that you use as a
9 basis to determine those needs, right?

10 A. That is correct.

11 Q. Okay. And so just very quickly, can you
12 explain that annual filing?

13 A. Yeah. So on an annual basis -- and as a
14 matter of fact, we'll be doing that, Your Honor, in
15 December, sub regional RTEP. What we bring forth to
16 our stakeholders are the assumptions, the criteria,
17 the guidelines that AEP and other transmission
18 owners utilize in determining the needs across the
19 system.

20 Q. It's the assumptions, criteria, guidelines,
21 and then the word escapes me right now. The models
22 that you use to also drive those needs, right, or to
23 determine those needs?

24 A. Yes, sir. For the load flow and
25 short-circuit analysis, those models are utilized.

1 Of course, those models don't -- they are not able
2 to -- they are not adequate enough to capture
3 anything beyond that. But really, those are --
4 those are the models that we have to create, and we
5 utilize the same model.

6 Q. Okay. And so let's talk about just a couple
7 of these.

8 VICE CHAIRMAN CHANDLER: Could Staff turn to
9 pagination page 6. It may be PDF page 7, we'll find
10 out. Yeah, so it is just page 6.

11 Q. And so this is just an example that AEP would
12 bring, and this is a project in -- well, it's not a
13 project. It's a need, correct, in Greenup County?

14 A. That is correct.

15 Q. And the need number is identified in the
16 left-hand side, and then the process stage. Do you
17 see that?

18 A. Yes, I do.

19 Q. And that's just -- so this is the February 21
20 meeting. So that's just saying that this is the
21 first time this has come before you. So this is the
22 needs meeting being presented on February 21st; is
23 that right?

24 A. Yes.

25 Q. And then in your annual filing, what do you

1 call that, your assumptions document?

2 A. Yes.

3 Q. Okay. So in your assumptions document you
4 lay out the different types of drivers, right? And
5 so this one is customer service. Do you see that?

6 A. Yes, sir; I do.

7 Q. Okay. And so you-all had the assumptions,
8 criteria guidelines for customer service connections
9 in that assumptions document each year, and that's
10 what leads you to mark this as a customer service
11 document -- a customer service need?

12 A. So the document, the assumptions document,
13 Your Honor, that you are referring to, it talks --
14 it focuses on internal -- internally driven needs,
15 or I should say internally recognized needs that AEP
16 has the ability to recognize. Customer service is
17 not an internal recognized need, because any
18 customer can come and say, okay -- a steel mill can
19 comment and say, I want connection, I want service.

20 So those are not explicitly discussed in the
21 assumptions document, but we have another document
22 that we share with our stakeholders on annual basis
23 that's called a Customer Interconnection Requirement
24 for the AEP System. And the customer projects are
25 discussed in that document in detail, and as to what

1 requirements that AEP has for connecting customers
2 to the grid.

3 Q. Okay. And so, just so we're all clear here,
4 we get -- what was that document called again?

5 A. It's a -- and subject to check, Your Honor.
6 I may not have the exact, you know, name spelled
7 out, but it's call Customer Interconnection
8 Requirements for the AEP System.

9 Q. Okay. So we've got that. We've got that and
10 we've got the assumptions filing each year. We've
11 got the attachment M-3 process, which is an
12 attachment to the Open Access Transmission Tariff.
13 All of those sort of drive this document as well as
14 the -- to a degree, the PJM business practice
15 manual, Manual 14B, right?

16 A. That is correct, Your Honor. And just for
17 completeness' sake, we have the FERC 715 filing that
18 is part of that, right, which is the planning
19 criteria for the AEP system. And, yeah, I think
20 that -- and the models, like you mentioned earlier.
21 Just for completeness' sake, the models are
22 identified in that -- in that assumptions document
23 as well.

24 Q. And that 715 is the same 715 that me and
25 Mr. Pearce were discussing earlier as it related to

1 the Dominion issue that was remanded from the DC
2 Court of Appeals, correct?

3 A. It's not --

4 Q. It's not the same document, but, I'm sorry,
5 it's the same PJM order that the documents have come
6 out of, right, for the --

7 A. It's the --

8 Q. -- FERC order?

9 A. That's right. It's the same document for
10 AEP. Of course, each transmission owner has their
11 own FERC 715 document.

12 Q. Okay. And those set forth criteria, certain
13 planning criteria that drive needs as well, right?

14 A. Yes, Your Honor. Those are more bright line
15 in nature, because, you know, NERC transmission line
16 standards are applicable to the bulk electric
17 system, BES, which is 100 kV and above. So there
18 is, of course, a gap there for the load system. So
19 the transmission owners are expected, and we all
20 file the standards and criteria for the -- even the
21 sub transmission systems in the FERC 715 document.

22 Q. Yeah. And some transmission owners even
23 allow PJM to identify those needs pursuant to their
24 715, in lieu of the transition owner themselves,
25 right?

1 A. Your Honor, all 715 needs PJM identified and
2 verified for all transmission owners.

3 Q. Okay. So we'll go down this. The other one
4 is the specific assumption references, that's a
5 reference to the assumption document, the annual
6 assumption document; is that correct?

7 A. Yes, Your Honor.

8 Q. Okay. And then the problem statement. And
9 can you explain to me just, and I know it's
10 intuitive, but what the problem statement is
11 intended to do?

12 A. Your Honor, it is explaining the detail, so
13 the detail of the need, as to what is -- what is the
14 need. In this particular case, you know, it's a
15 very simple need. We have a request from the
16 distribution company to establish a new service
17 point. And as you can see if you go through the
18 document, some of the needs are more elaborate in
19 nature, because they are more complicated.

20 Q. Okay. And this is a February 21st document.
21 Can you -- last thing, can you explain to me here
22 this model reference?

23 A. So that is the RTEP model year that we are
24 using to analyze the impact on the load flow and
25 short circuit aspects of the grid. So the -- so PJM

1 puts models together roughly five years ahead. So
2 in 2020, we are using a 2024 RTEP cycle. So what it
3 is referring to is that the analysis that was done
4 or will be done to assess this need and the impact
5 of this on the grid will be using a 2024 regional
6 transmission expansion planning model.

7 Q. Okay. And those are updated annually by PJM,
8 correct?

9 A. Yes, that is true. And, Your Honor, I must
10 say that, you know, it's a collaborative process,
11 because, of course, PJM does not have the load
12 information at each of our distribution substations
13 or the appearances of the line or the configurations
14 of the substations, so we are working
15 collaboratively with PJM to update those models on a
16 yearly basis.

17 Q. And you provide them a significant number of
18 input for your load area, right?

19 A. Yes, sir; that is correct.

20 Q. All right.

21 VICE CHAIRMAN CHANDLER: And so if Staff can
22 turn to page 7 of this document.

23 Q. This is another Kentucky need. Do you see
24 this?

25 A. Yes, I do.

1 Q. Okay. And so we'll go down. It says the --
2 there's the need number, the process stage, it's the
3 first time this has been brought, right, the
4 February 21st needs meeting. Do you see that?

5 A. Yes, I do.

6 Q. And the driver, which as I understand from
7 your testimony will have been in the assumptions
8 document, the driver -- a number of drivers
9 mentioned, equipment condition, performance, risk,
10 operational flexibility. Do you see that?

11 A. Yes, I do.

12 Q. Okay. And then the need here is the Elwood
13 46 kV station. Now, 46 kV is, in the world of
14 transmission, pretty low voltage, correct?

15 A. Your Honor, it's still pretty dangerous, but
16 yeah, I would say that compared to 765, you can say
17 it's low voltage.

18 Q. Yeah, I'm not saying it's safe to grab on to,
19 but comparatively, it's -- you know, it's even
20 significantly lower than -- you know, it's lower
21 than 69 K -- let me ask this: Is there a
22 transmission voltage, and I think there -- I don't
23 know the answer to this, that's why I was curious.
24 Is there a transmission voltage that AEP operates
25 that's lower than 46 kV?

1 A. Yes, Your Honor. We do have some 23 kV
2 equipment, and we have 34 kV equipment, as well as
3 40 kV. I think maybe the question is, is there a
4 voltage that AEP doesn't operate? And I think there
5 is -- there is not. Across our 11 states, we have
6 transmission voltages spanning from 23 kV all the
7 way to 755 kV.

8 Q. Okay. But in terms of the span, this is
9 towards the low end of the voltage, though, right?

10 A. Yes. Yes, that is correct.

11 Q. And so -- because I will not get it right, do
12 you mind to walk us through the needs or the -- let
13 me say this: The drivers or the conditions or the
14 performance or risk identifications listed there in
15 the bullet, the bullet points, could you walk us
16 through those and explain those to us as it -- as it
17 drives this need?

18 A. Your Honor, I'll be very happy to do that.
19 Would you like me to do that verbatim or would you
20 like for me to summarize -- for me to summarize it
21 like I would at our sub regional RTEP?

22 Q. I would actually love if you could read each
23 bullet point and then tell us what the heck it
24 means.

25 A. Sure. Absolutely. So starting with Elwood

1 46 kV station, 46 kV circuit breakers A, B, and C.
2 So really, we have identified -- identified through
3 our needs vetting and validation process that these
4 three breakers need to be addressed. And the
5 reasons for them, number one, 1960s vintage
6 FZO-69-1500P type oil circuit breakers. So what
7 we're mentioning here is the vintage. It's, as you
8 can see, a 60-year-old circuit breaker. Circuit
9 breakers typically have a lifespan of 40 to
10 50 years.

11 It's an oil type circuit breaker. Oil type
12 circuit breakers, of course, pose another risk for
13 us, especially if they are before 1973, when they --
14 back in the day, in the 1960s, there were not a lot
15 of environmental regulations, and all the
16 transmission owners had these circuit breakers used
17 that were the in technology, if you will, at that
18 time. But at that time we didn't have any oil
19 containment built around these breakers.

20 So the reason for mentioning this, and I know
21 our stakeholders understand that, whenever you see
22 oil breaker, that right there is a flag for them;
23 because in some cases, as these breakers get old and
24 if they fail, the cost to mitigate oil
25 contamination, the environmental costs, can even, in

1 some cases, exceed the cost of that entire
2 substation, because these breakers typically -- and
3 again, I'm -- you know, not specifically for this
4 type of breaker, but they can carry at least a
5 thousand gallons of oil each.

6 The next one is fault operation CB --

7 Q. We're going to move on --

8 A. Sorry, Your Honor?

9 Q. We're going to move to the next one real
10 quick.

11 On that item -- and it -- you-all have
12 internally, at AEP, prioritized the replacement for
13 the -- at least addressing the concerns surrounding
14 these oil circuit breakers, correct?

15 A. Your Honor, I'm sorry, there was some --
16 there was some background noise there. I couldn't
17 completely get your -- get your question.

18 Q. Has Kentucky Power, AEP, prioritized the
19 replacement or addressing these oil circuit
20 breakers?

21 A. Your Honor, yes, we are. We are addressing
22 these through our system. And yes, we have -- we
23 have prioritized the replacement of these breakers.
24 Now, one thing I will mention to you, Your Honor,
25 around priority, is that we have a -- what I call a

1 radar for every single asset on our grid. So every
2 single substation, every single transmission line,
3 we have a dashboard that tells us what is the health
4 of that. Now, that's just a radar, because it's
5 telling me, as the transmission planner for the
6 grid, that here are the assets you need to go and
7 pay more attention to.

8 What then happens is -- so it is a priority.
9 That's the priority that you're reporting to. So
10 all of these are in that list. As we go through
11 that, we have the obligation to vet and validate
12 every single one of them, because, you know, in some
13 cases, you know, failure has happened. For example,
14 a line went out, and that's what my radar tells me,
15 that this line has gone out ten times in the last
16 year. Now I need to vet and validate it because
17 there is a possibility that the last time it went
18 out, our tree service individuals did something to
19 repair it to a point where it should not be a
20 concern in the future. So then the needs gets
21 vetted and validated.

22 And the timing of how that happens, Your
23 Honor, is very different, because some assets we can
24 validate in a month; some assets may take us a year
25 to validate, because we may need to do more

1 analysis, like side boring and, you know, ground
2 grid analysis, things like that. So as soon as a
3 need gets vetted and validated, as soon as that
4 happens, in the next meeting, stakeholder meeting,
5 we bring it forth to the stakeholders.

6 Q. Yeah. And what I wanted to make clear was
7 that that prioritization or that indication of
8 concern around the oil circuit breakers is indicated
9 in your assumptions documentation, right?

10 A. Your Honor, like I said, yes, it is
11 indicated, and it is in the radar, but the one point
12 I'm trying to clarify here is that, but that's not
13 the order of mitigation, because it still needs to
14 be vetted and validated. It may fall off in that
15 process or it may become a high priority in that
16 process.

17 Q. Right. Okay. Can you go to the next one
18 now? Thank you.

19 A. Sure. Thank you, Your Honor. So the next
20 one is fault ops CB A. Circuit breaker A has 33
21 fault operations. Circuit breaker B has had 83
22 fault operations. Circuit breaker C had 105 fault
23 operations. Your Honor, the manufacturers for these
24 breakers recommend that a breaker be completely
25 overhauled. It's like, you know, your car engine

1 getting rebuilt or reviewed. After 10 fault
2 operations, because those fault operations has a lot
3 of energy, so you can think about, you know, the
4 context of the breakers are closed and power is
5 going through that, and then when there is a fault,
6 the fault energy, depending on the short circuit and
7 depending on where that breaker is on the system,
8 could be thousands of amperes, and that takes a lot
9 of energy to open that, clear that, and that will
10 wear down the contact very quickly.

11 So the manufacturers recommend after ten
12 fault operations, you gotta go overhaul it. And we
13 have been doing that. We have been overhauling
14 these breakers. But now they are at a point where
15 you can't even find replacement parts for them to
16 overhaul them.

17 So that's what we are showing here, that
18 these have gone through significant fault operations
19 through their lifespan, and way beyond the
20 manufacturer's recommendation.

21 Q. Can I ask on that, the overhaul, is that a --
22 and I know this isn't your -- what you do,
23 necessarily, but I'm just curious, is that a capital
24 expense or an O&M expense when you do those
25 overhauls?

1 A. Your Honor, it really depends. Mostly it is
2 O&M, because most of the time it may require very
3 small parts replacement, but if it becomes a bigger
4 item, like maybe a whole portion needs to go away
5 or, you know, you need to replace a major component,
6 then it can be capital as well.

7 Q. Okay.

8 A. Your Honor, the next ones are the -- so there
9 are some other issues that are identified. Damage
10 to the bushings. Like I mentioned earlier, the
11 spare part availability is typically mostly our
12 concern with these types of breakers. You know,
13 it's like having a 1960 vintage car and nobody, you
14 know, has parts. If they have it, they are going to
15 sell you that at a very high cost, more than
16 probably a new breaker would cost.

17 And then, you know, lack of vendor support.
18 I mean, a lot of these breakers, you know, the
19 vendors don't even have people, resources that know
20 how these operate anymore, because they have all
21 transitioned to new technologies.

22 There are only eight of these remaining on
23 our system, so again, you can -- you know, in the
24 past, Your Honor, what we did -- and again, that's
25 the benefit of being part of that big, integrated

1 system, right, because you can -- you can imagine
2 that we are using the same equipment pretty much all
3 over our footprint. And as equipment becomes
4 obsolete, we have spare parts available because we
5 are retiring stuff, but we are cannibalizing
6 equipment as we retire it, and we keep that in
7 our -- in our stores so that we can get longer
8 lifespan from -- for the rest of the equipment.

9 So we -- as a whole, we have a lot more. And
10 as a result of it, you can see our lines, you know,
11 they are lasting 70, 80 years. This breaker has a
12 lifespan recommended 40, but it's sitting there for
13 60 because we are able to do that.

14 Now, the other thing is, when you only have
15 eight of them left, then, of course, there is not a
16 lot of spare parts even from failed breakers that we
17 can utilize. So that's an important distinction, I
18 think, we are making here.

19 And the last one, Your Honor, is 86 percent
20 of the relays at the station are electromechanical.
21 Electromechanical relays, Your Honor, are -- nobody
22 makes them anymore. Everything is now digital. And
23 they are really, the -- they really base -- you can
24 think about it, it's like an old watch, so they ar
25 very -- all the -- all the functions that they are

1 performing are based on mechanics and tolerances.
2 So really, the weight increases this much and then
3 the relay will operate, but the tolerances are very,
4 very, very small.

5 So these electromechanical relays, number
6 one, they don't -- they don't talk to the new relays
7 anymore. And, number two, they don't -- they have a
8 lot of misapprove -- misoperations because over the
9 years, the tolerances have become very thin. So
10 there are 86 percent of the relays, protective
11 relays, which are protecting the grid, telling the
12 breakers when to open, when to close, those are
13 electromechanical.

14 And I think that pretty much, Your Honor,
15 summarizes the need here.

16 Q. Okay. I appreciate that, Mr. Ali.

17 VICE CHAIRMAN CHANDLER: Mr. Chairman, I have
18 still a number of questions for Mr. Ali, but I
19 noticed at that last response, we're at 12:04.
20 Would you like me to push through or do we -- can we
21 come back to Mr. Ali after lunch?

22 CHAIRMAN SCHMITT: Okay. I guess it's, what,
23 after noon? Why don't we take a break and come back
24 at 1:00 o'clock and finish up? Can we do that?

25 All right. We'll be in -- we'll be in recess

1 until 1:00 p.m.

2 (Recess began at 12:06 p.m.)

3 CHAIRMAN SCHMITT: We're back on the record.
4 Over the lunch hour, we've been undergoing some
5 technological repairs, and hopefully they --
6 hopefully they'll work. So Mr. -- or Kentucky
7 Power, Ms. Blend, are you ready for Vice Chairman
8 Chandler to begin his continued cross-examination of
9 Mr. Ali?

10 MS. BLEND: We are, your Honor. I have just
11 one clarification that I wanted to offer before we
12 resume, if that is okay.

13 CHAIRMAN SCHMITT: Okay. Can you speak up?
14 You're difficult to hear.

15 MS. BLEND: Can you hear me better now?

16 CHAIRMAN SCHMITT: Yes.

17 MS. BLEND: Thank you, your Honor. We are
18 ready to resume. I wanted to address one minor
19 issue before we continue, if that is okay.

20 CHAIRMAN SCHMITT: That's okay.

21 MS. BLEND: Thank you. Small clarification.
22 I believe earlier the vice chairman asked Mr. Ali
23 about rate impacts associated with the company's PJM
24 LSE OATT expense or the year one and year two rate
25 increase. Mr. Ali testified I believe that Dr.

1 Pearce may have been able to answer those questions.

2 I just wanted to point out that Mr. Vaughan,
3 in his rebuttal testimony, addresses the first year,
4 the 2021 rate increase. So I just wanted to mention
5 that in case it's helpful for later witnesses.

6 Thank you.

7 CHAIRMAN SCHMITT: Okay. Vice Chairman
8 Chandler, are you ready to continue your
9 cross-examination?

10 VICE CHAIRMAN CHANDLER: Yeah. Thank you,
11 Chairman. Can you hear me okay?

12 THE WITNESS: Yes, sir, we can.

13 VICE CHAIRMAN CHANDLER: That's never been my
14 problem, so I don't think it's going to start today.

15 Q. (By Vice Chairman Chandler) So we -- Mr. Ali,
16 do you remember we were talking about the -- if Mr.
17 Ripy can bring it up on the screen, I believe it's
18 Staff's PSC Exhibit 15. And we'll wait for -- for
19 Mr. Ripy to bring that document up.

20 And do you remember this -- this is the page
21 that we were discussing?

22 A. Yes, your Honor.

23 Q. Okay. And so, big picture, this is -- we
24 walked through the assumptions document that is --
25 the assumptions document as following the attached

1 M-3 which is an attachment to the open
2 access -- PJM's Open Access Transmission Tariff.

3 And these -- these needs proposals, these
4 subregional RTEP presentations are in accordance
5 with all of those -- or proposed -- presented in
6 accordance with all of those in addition to, to some
7 degree, the manual -- I want to make sure I get this
8 right -- the PJM Business Practice Manual, Manual
9 14B, correct?

10 A. Yes, your Honor. That is correct.

11 Q. Okay. So we talked about all those
12 documents. This is -- this is sort of the
13 culmination of all those different processes, all
14 those different roles. There is a -- this
15 documentation is a needs and a solutions
16 presentation by AEP, correct?

17 A. Yes, your Honor. That is correct. The
18 only -- only other clarification, the 14B process,
19 it also, you know, covers baseline projects, and so
20 we go -- and so the baseline projects are under the
21 matter of 14B.

22 Q. Yeah. And so I guess I was just trying to
23 say: There are portions of 14B that govern these
24 presentations --

25 A. Yes.

1 Q. -- govern -- or maybe governing is wrong
2 because they're not technically governing documents,
3 but that provide guidance on how these processes
4 should actually occur in reality, right?

5 A. Yes, sir. You are correct.

6 Q. Okay. And then -- and just for -- I'm not
7 going to ask you to remind me, but I'll try to go
8 back to 14C in a minute. So we've got 14B.

9 So this is a need, and if we can -- I don't
10 --let me just say, Mr. Ali -- well, I'm going to go
11 to solution here in a second. It is 60 pages away.
12 Can we -- can we go straight to it? And if you see
13 it, you'll know that's it's a solutions
14 presentation; is that fair?

15 If you see it, you'll know whether it's a needs
16 or a solution presentation?

17 A. Yes, sir. That is fair.

18 Q. Okay. Can we go to the pagination -- the PDF
19 pagination 67?

20 And while he's going, Mr. Ali, the reason I
21 ask, is: This document is a presentation that you
22 would agree is broken up between a needs -- which we
23 saw that maybe on page 2 or 3 where it says "needs,"
24 and then later there's a break in the pages that
25 says "solutions."

1 Everything after "needs" is a need; everything
2 after "solution" is a solution, right?

3 A. Yes, sir. As I explained earlier, you know,
4 we present the need for service portion of the grid
5 during these meetings, and then also we take the
6 opportunity to present solutions during this meeting
7 for needs that had been previously discussed with
8 the stakeholders.

9 So -- so that's why the presentation is
10 divided into two different sections, if you will.

11 Q. Okay. So this is -- it's page 67. Do you
12 see the document on page 67? It's on the screen.

13 Is it the same one that's in front of you?

14 A. Yes, your Honor. It is -- it is for Floyd
15 County, Kentucky. So it's a -- it's a different
16 need for a -- and a different solution. But yes, I
17 see it.

18 Q. It's the same area, right, a county -- a
19 county or two over from Pike?

20 It's the AEP Kentucky Power service territory
21 still, but this is a different need number than that
22 need we looked at on page 7, correct?

23 A. Yes, sir.

24 Q. Okay. So process stage solutions meeting is
25 this meeting that we're talking about, the February

1 21st meeting. Do you see that?

2 A. Yes, sir.

3 Q. And this was brought -- the solution was
4 brought about eight months after the needs meeting.
5 Do you see that?

6 A. That is correct.

7 Q. Okay. And so the -- we'll skip over the
8 supplemental project driver, the assumptions
9 reference. We were just talking about those. We'll
10 go down to the problem statement. We were just
11 talking about that.

12 That lays out the actual conditions or
13 the -- the specifics on -- on how the criteria in
14 the assumptions -- criteria document were
15 implicated, right?

16 A. Yes. Criteria or guidelines.

17 Q. Or guidelines. All right. Yes, sir.
18 Assumptions criteria guidelines.

19 Okay. So we'll skip on to go to --

20 VICE CHAIRMAN CHANDLER: Mr. Ripy, do you
21 mind going to the next page, page 68?

22 BY VICE CHAIRMAN CHANDLER:

23 Q. So all that -- all that -- all that
24 information is on the needs side, and on page 68
25 there's just additional needs statements, right?

1 A. Yes, your Honor. This is -- this is pretty
2 much the needs in that particular area that are
3 recorded and validated. And of course these needs
4 were originally shared with the stakeholders, like
5 you said, in June of 2019. And then it took us
6 roughly eight months to come up with a feasible
7 solution, and now we are refreshing the
8 stakeholders' memory on the needs that we had
9 originally presented, and we're also now sharing
10 with them the solution, which is starting on 69.

11 Q. And so we move to 69. And so you restate the
12 needs so that everybody is -- you know, people have
13 context for what you're about to give them.

14 VICE CHAIRMAN CHANDLER: And if we can move
15 on to page 69, Ms. Ripy.

16 BY VICE CHAIRMAN CHANDLER:

17 Q. This is, you would agree, the presentation of
18 AEP's or Kentucky Power -- the proposed exclusion to
19 that identified need, correct?

20 A. Yes.

21 Q. Okay. And -- and I'm not going to ask you
22 to -- to do anything verbatim or anything, but just
23 so that we understand the document, to the left,
24 these are all different solutions for a multitude of
25 the needs identified, correct?

1 A. Yes, sir. So these are -- I would -- I would
2 say that these are categorized based on assets. So
3 a transmission line is an asset, and a transmission
4 substation is an asset.

5 So -- so what we are looking at is overall,
6 what does it take to solve of these needs
7 individually and holistically to see what is more
8 cost effective and robust. Once we have made that
9 determination, then we lay out the -- our by-asset
10 scope and cost of that solution.

11 Q. Okay. And so that's what these -- these are
12 a description of the solution by sort of asset type
13 or -- or defined sort of project, right, as a piece
14 of the bigger solution and a cost of that -- those
15 individual parts, right?

16 A. That is correct, sir.

17 Q. Okay. And so they vary here, just going
18 through, \$35.3 million, \$11.5, \$1.3. This screen is
19 really small, but 1. something, half a million
20 dollars. Do you see all those down the page?

21 A. Yes, your Honor. I do.

22 Q. Okay. And then if we'll -- just for full
23 context, we'll go to page 70 just for a minute.

24 This finishes those identified assets or
25 portions, right? And then it gives the total

1 estimated transmission cost.

2 That's the capital cost, right?

3 A. Yes, that is.

4 Q. Okay. And then what's the next thing there,
5 the ancillary benefits of -- you removed an obsolete
6 25 miles of a 40- -- is that 46, 48 kV network?

7 A. Yeah, 46 kV. That is correct.

8 Q. Can you explain that just for a minute?

9 A. Yes, sir. So I know you mentioned earlier
10 that 46 kV is the lower end of the voltage spectrum.
11 And you're exactly right, that is the lower end of
12 the voltage spectrum. And these voltages, 43 kV, 34
13 kV, 40 kV, 46 kV, and 88 kV, they were -- they're
14 pretty predominant across the Appalachian region,
15 including Kentucky, but these are obsolete in the
16 sense that if we were to go out there today and
17 buy -- try to buy transmission equipment, at 46 kV,
18 nobody sells that. All the equipment is at 69 kV or
19 higher.

20 So, of course, our goal is that as we are
21 replacing this infrastructure, there are areas where
22 we can't get rid of 46, to be very frank with you,
23 because the load is served off that network, and
24 it's not just a matter of AEP taking that investment
25 in the grid. It's also the customers -- you know,

1 the industrial customers, for example, they'll have
2 to make investments on their side to get to a higher
3 voltage.

4 So what we do is in these cases where we are
5 able to get rid of that voltage, we would get rid of
6 it by retiring it and moving the load to a different
7 voltage like a 69 or 138 kV, such as in this case.

8 Where we cannot get rid of it, your Honor, we
9 would at least design the new assets that we're
10 building to a higher voltage, but we'll still
11 operate it at a lower voltage until such time that
12 everybody else in the -- in the region is ready to
13 make investments on their side to get to the next
14 level of voltage.

15 So, you know, just to kind of give you an
16 example, if you go to the SPB region of AEP
17 footprint or the unmarked region in Texas of AEP
18 footprint, we don't have anything less than 69 kV.
19 Those voltages have already -- the lower voltages
20 have already been phased out over the years, and we
21 are now trying to do that here in the eastern
22 regions as well, where we can.

23 Q. Okay. So we -- so we get the proposed total
24 cost. We know what the need that identified -- that
25 AEP identified that this solves, and then in

1 addition to solving that need that is proposed, AEP
2 has indicated there are ancillary benefits of
3 getting rid of what it believes to be an obsolete 46
4 kV network, right?

5 A. Yes, sir. That is correct.

6 Q. Okay. And then these are -- to the right of
7 that, these are existing assets and proposed assets.
8 I'm sure there's a correct engineering term for --
9 for -- but they look to me like individual -- I
10 guess a map of the circuits.

11 can you explain what those are?

12 A. Yes, your Honor. So each -- each dot
13 represents a substation. So each dot represents a
14 load, if you can think of stepping down to
15 residential or industrial customers or coal mines,
16 for example. So each dot is reflecting a delivery
17 point to -- to an end user, if you will, and the
18 line segments are representing the transmission
19 circuits that are connecting them.

20 So as you can see, if you look at the -- the
21 box that represents the existing infrastructure, all
22 the yellow lines and yellow dots are 46 kV. And of
23 course, that's where all the needs are that we
24 mentioned on the slides beforehand.

25 And then you see the red dots and red lines

1 are the existing 138 system in the area, and -- and
2 there are, of course, some needs identified on that
3 as well. Especially as you can see there's some
4 major customers, and our goal is that, How do we
5 holistically solve that?

6 Now, we can look at it individually, your
7 Honor, and that will be us going by every single
8 substation, every single line, or we can look at it
9 more holistically.

10 And that is what we have done here, is where
11 we can -- some of these stations because they're
12 close proximity -- in close proximity to the 138
13 system, we're just able to move that load onto 138
14 with some 138 infrastructure, and then get rid of a
15 significant portion of the 46 kV network, which as
16 you can see on the proposed section, a lot of the
17 yellow dots are now not there anymore because now
18 they're moved to the 138 kV network.

19 And we still have three stations at 46 kV left,
20 but, you know, a significant portion of them are
21 already being recommended to move to 138 kV.

22 Q. Yeah. So just one of the changes to that
23 point, the existing, the proposed is that the -- I
24 can't say it -- but we'll say it's the Allen to
25 Beaver Creek; is that right?

1 A. Sorry, your Honor -- your Honor, I'm not
2 following you. Are you talking about the --

3 Q. What is the substation to the far right of
4 the existing --

5 A. Oh, yeah. Yes, your Honor. You're right.
6 So the Allen -- Allen to Beaver Creek -- you know,
7 we -- Allen, McKinney, and Beaver Creek are still
8 left on the 46 kV network.

9 Q. Yeah.

10 A. And the remaining stations, Garrett, as well
11 as Saltlick and Spring Fork -- all of them are
12 either moved or consolidated on the 138 system.

13 Q. And that's what I want to make sure that I
14 understand that -- is that McCreary or McKinney?
15 McKinney.

16 A. Yes, sir.

17 Q. The McKinney to Spring Fork Tap is the
18 portion that you're talking about being retired; is
19 that correct?

20 A. Yes, sir. That is correct. 25 miles of --

21 Q. Beaver Creek. Yeah. Okay. All right.

22 So you proposed all of these. You bring this
23 forth -- you bring forth the need. You bring forth
24 the solutions, and -- and this may -- please tell me
25 if this is a distinction without a difference or a

1 difference without a distinction: Is this Kentucky
2 Power -- is this -- are these Kentucky Power's needs
3 or are these AEP's needs?

4 A. Sir, these are the -- the needs on the AEP
5 transmission grid, and they happen to be in the
6 Kentucky region.

7 So these -- if your question is who owns the
8 needs and who owns the solutions? I mean, I, as the
9 AEP service corporation employee, am the one who is
10 looking at these needs, prioritizing these needs,
11 and developing the solutions.

12 But when it comes to actually approving them
13 and implementing them and funding them, of course
14 that is made in collaboration with Kentucky Power
15 because this is in Kentucky. These investments will
16 be in Kentucky.

17 Q. Yeah. That's what I do -- I do want -- if
18 there is a distinction, I do want to make it here,
19 or at least understand it here.

20 Insofar as the frames in the middle of the
21 screen, the existing assets, right, and the lines
22 and the substations -- insofar as those are Kentucky
23 Power's assets located in Kentucky Power's service
24 territory, is -- is this -- is this -- the page
25 67/68, that's their need, and you or your team is

1 bringing that need on their behalf through the M-3
2 process, and that's -- just so I understand it; is
3 that correct?

4 A. Yes, sir. That is correct.

5 Q. And the reason, I would assume -- and I want
6 to ask it so I -- you can tell me I'm right, that's
7 always fun.

8 The reason is you-all can do a consolidated
9 transmission team at AEP. Instead of having one at
10 each one of the individual operating companies, you
11 get -- you get economies of scale and scope by doing
12 that?

13 A. Your Honor, that is partially correct, but
14 the other part of the answer is that the
15 transmission system has always been designed as an
16 integrated system, as an integrated network, so we
17 have to do it this way so we're fair and equitable
18 to all of the operating companies within AEP.

19 Right?

20 So my job is regardless of where the needs
21 are, whether it's in Kentucky or Ohio or I&M, I am
22 going to prioritize them based on severity, based on
23 the risk they pose, based on how deteriorated the
24 condition is of the assets.

25 And then I'm going to fix that -- you know,

1 the mitigation plan I'm going to come up with is to
2 address that in a very cost-effective and reliable
3 and safe manner; and I'll then take it back to the
4 operating companies of AEP and say, "Here are the
5 needs, here are my recommendations, here are the
6 risks if you don't address them."

7 And then, of course, like I mentioned
8 earlier, they have to make decisions around how much
9 can our customers afford, how much can the company
10 afford, and then -- and then those needs move
11 forward through the execution process based on it.

12 Q. Yeah. And I -- I didn't mean to indicate
13 otherwise.

14 I guess what I was asking is: The
15 presentation of them in the inquiry process is what
16 I'm asking about because to your -- to your point
17 just then, the AEP transmission group can still
18 identify and prioritize and consider all of the
19 projects in totality in terms of ranking and still
20 go back and present those to the operating
21 companies, like you say.

22 But then the operating companies could then
23 take those, take your recommendations, and then
24 bring those themselves to the M-3 process, right?

25 I'm more asking about that -- that second

1 half of what you were describing, is after the
2 decision has been made, you're then presenting it,
3 effectively, on behalf of the operating company,
4 right?

5 A. Yes -- yes, your Honor. And the reason for
6 that is, like you mentioned earlier, that, you know,
7 we have a pool of resources that all operating
8 companies use for planning purposes, number 1, to
9 make sure that the grid is being designed on an
10 integrated basis in a fair manner, and number 2, to
11 reduce the burden of resources you will need if one
12 of the operating companies was doing it
13 individually.

14 Q. Okay. And so all of these fairly leading
15 questions are getting to -- I'm trying to move as
16 fast as possible to set this foundation for
17 the -- the part that I need to learn, right, or need
18 to understand.

19 The -- the solution -- or the need is
20 the -- or operate -- or the asset owner's needs,
21 right? They're the ones that own the asset, if it's
22 driven by reliability, if it's driven by whatever
23 may be -- in terms of the these supplemental
24 projects, it is the -- it is the transmission
25 owner's need, is what we just discussed.

1 In the solution side, is it necessarily -- in
2 this M-3 process, is it the transmission owner's
3 solution?

4 A. Absolutely. As a matter of fact, your Honor,
5 it's not just only the transmission owner's
6 solution, it's the solution that all of the
7 customers that are served on that infrastructure
8 have to also agree with, and they have to help us
9 achieve it.

10 I mean, those stations that I mentioned that
11 are moving from transmission 46 kV network to 138,
12 those are distribution substations that will also
13 need to be a significant investment in to move them.

14 So really, my team works very closely with
15 Everett Phillips, who I know is going to be on the
16 stand later on, on the solution to come up with what
17 is the right solution for the Kentucky customers
18 because we own them together as the Kentucky Power
19 transmission solution as well.

20 Q. And so that's what I'm trying to get to and
21 understand.

22 Where is the distinction made, then, between
23 ownership of the assets of the solution between, for
24 instance -- in a Kentucky Power example here,
25 between Kentucky Power and Kentucky Transmission

1 Company?

2 If the need is of the asset owner, then how
3 does someone other than the asset owner in the M-3
4 process end up owning a portion of the solution?

5 A. Your Honor, I can -- I can absolutely answer
6 that question.

7 So in essence, there are what we call
8 transmission company operating guidelines, and we
9 call them project selection guidelines, or PSGs in
10 short, and those guidelines were established by
11 transmission as well as the operating companies
12 across the AEP footprint as to which assets need
13 to or pre-qualify to the print as Transco, or
14 transmission company assets, and which assets need
15 to stay within the operating company.

16 And of course, you know, there are also some
17 exceptions because each AEP substation has their own
18 rules, and you have to abide by those rules as well.

19 So there are some exceptions that are carved
20 out there, but that guideline is what guides us to
21 figuring out which assets will go into AEP Transco,
22 Kentucky Transco, and which assets will go into
23 Kentucky Power Company transmission books.

24 And I will tell you, your Honor, that, you
25 know, there is -- of course the purpose behind the

1 Transco was to be able to provide a financial
2 mechanism to the operating companies so that they're
3 able to, you know, more efficiently invest dollars
4 to address needs.

5 But the transmission companies, they can
6 determine, at the end of the day, that if they --
7 they need to make any changes in the level of
8 investment, you know, that that is going into that
9 infrastructure.

10 So the guidelines are the ones that guide us,
11 but at the end of the day, you know, the Kentucky
12 Power has the ability to say, you know, this asset,
13 I would want it to go in Kentucky Power for -- for
14 reasons that -- that would be laid out, you know, in
15 a -- in a -- in their business plan. Make sense?

16 Now, you could not do it the other way
17 around. My understanding is that we can't move
18 assets from Kentucky to Transco that are not in the
19 guidelines, but we could from Transco to Kentucky.
20 And that does happen, if that makes sense.

21 Q. Well, and just so that I'm clear, you're not
22 necessarily moving assets because moving assets
23 would likely require -- and I'm not asking for a
24 legal opinion, but is it your understanding that
25 moving the assets from a regulated utility -- or in

1 your experience that moving those assets would
2 require commission approval in many of the states,
3 including Kentucky?

4 A. Your Honor -- your Honor, my apologies. Bad
5 choice of words there.

6 So what I meant to say is let's say we're
7 building a new asset, brand-new asset. The Transco
8 guideline, which I believe when the Transcos were
9 formed in Kentucky, those guidelines were also filed
10 as part of the approval process, and the Commission
11 I believe has a copy of that.

12 (A DISCUSSION WAS HELD OFF THE RECORD.)

13 CHAIRMAN SCHMITT: Thank you, Mr. Ali. If
14 you would please try to repeat from the beginning of
15 your answer so the court reporter can pick it up.
16 Thank you.

17 THE WITNESS: Thank you, your Honor. So, Mr.
18 Vice Chair, as I was stating earlier, just in the --
19 you know, for the sake of making sure that the
20 record is clear, what I was stating earlier is that
21 the existing assets, let's say to start with our own
22 by Kentucky Power, right, those are already in the
23 rate base.

24 And now we're enhancing that grid. Maybe
25 we're rebuilding some lines, maybe we're rebuilding

1 some substations, we're maybe building new lines.
2 The Transco guidelines, which are the guiding
3 principles for what assets can or cannot be part of
4 the transmission company, are what we use up front
5 to determine which assets will be owned by Transco
6 and which assets may be owned by operating
7 companies.

8 Of course, they are subject to the approval of
9 the operating company as well as -- you know, if it
10 requires a CPCN filing or something like that,
11 approval of the Commission, but we are using the
12 project selection guidelines for new assets
13 that -- to determine which ones will go in the AEP
14 Transmission Company and which will go in AEP
15 Kentucky Power Company.

16 Q. And so I'm unaware -- and I plead my
17 ignorance on it.

18 I'm unaware of whether this document has been
19 filed with the Commission. Is it something that if
20 requested in a post-hearing data request, you could
21 provide the -- as I understand what you said it is
22 called the transmission company operating
23 guidelines?

24 A. I'm sorry. Project selection guidelines.

25 Q. Project -- PSG, project selection guidelines.

1 VICE CHAIRMAN CHANDLER: Is that something
2 that the company can provide in a post-hearing data
3 request?

4 MS. BLEND: Yes, your Honor. I believe,
5 subject to check, that it was produced in discovery.
6 We'll confirm that and either provide the reference
7 to the appropriate data response or we will provide
8 it as a post-hearing data request.

9 VICE CHAIRMAN CHANDLER: Okay. Thank you
10 very much.

11 MS. BLEND: Thank you.

12 BY VICE CHAIRMAN CHANDLER:

13 Q. So as you -- well, let me ask about
14 enhancements for a second so we have a very clear
15 record.

16 Enhancements, rebuilds, are those just -- do
17 you just mean the solutions in general to the needs,
18 whatever they may be, or do you mean
19 enhancements -- or let me ask this way: Do you mean
20 enhancements in terms of the archive -- or like the
21 baseline projects, or do you just mean sort of
22 replacements and the solutions to the needs
23 identified in the inquiry process?

24 A. Your Honor, the project selection guidelines
25 cover all projects. So really whether it's a

1 baseline project or a supplemental project,
2 depending on what configuration is being --
3 recommending -- recommended as a part of the
4 solution, we will apply the project selection
5 guideline to then determine which components are the
6 Transco components and which components are Kentucky
7 Power components.

8 Q. Okay. And okay. And does the -- does --
9 well, let's just say Kentucky Power -- because
10 that's who we're here with.

11 Does Kentucky Power indicate anywhere in the
12 M-3 process that they will not be the entity that
13 owns the entirety of the solution?

14 Let me ask the question differently.

15 Is there anywhere that you're aware of in the
16 M-3 process whereby a Kentucky -- Kentucky Power
17 would indicate that a transmission company or some
18 other entity will own a portion of the supplemental
19 solution?

20 A. Off the top of my -- my head, I --
21 I -- nothing comes to mind where we -- we state that
22 explicitly. But like I said, the project selection
23 guidelines when we made filings for the Transcos at
24 all jurisdictions, that was the guiding document as
25 to what assets can and cannot go into the Transcos.

1 And so that is, I know, available, and we
2 will -- we will make it be available, also, as the
3 counsel mentioned here. But I'm not familiar where
4 we explicitly go out in the M-3 process and -- and
5 explain which assets are going in which companies.

6 Q. Okay. And so is it your understanding
7 that -- that most of the other transmission
8 company -- well, so were you watching the hearing
9 yesterday?

10 A. Yes, your Honor, I was.

11 Q. And did you see the portion of the hearing
12 where -- where Mr. Satterwhite was asked about the
13 S&P
14 document or the S&P story from 2014 that discussed
15 the -- the proposals around the AEP territories
16 regarding Transcos?

17 A. Your Honor, I -- I don't recall it. If you
18 don't mind maybe refreshing my memory on it so that
19 I don't --

20 Q. So do you -- are you aware that the Kentucky
21 Public Service Commission, in a June 10th -- I think
22 maybe it was referred to, yesterday maybe a
23 June 10th, 2013, order disclaimed jurisdiction over
24 the Kentucky -- AEP Kentucky Transmission Company,
25 that they found that it was not a utility as defined

1 by Chapter 278? Are you aware of that?

2 A. Yes, your Honor. I am.

3 Q. And so we -- let me ask this: When you were
4 describing earlier about the filings made with
5 jurisdictions regarding the allocation of projects
6 between the Transco and the operating company, would
7 that inherent -- given that being the situation, is
8 that inherently different than -- than your
9 experience or of the experience of other states
10 regarding the insight they may have into the
11 allocation or these -- these project selection
12 guidelines between transmission companies and
13 operating companies?

14 A. Yes, your Honor. So I'll maybe clarify it.
15 It's a little bit maybe complicated because each
16 jurisdiction is somewhat different.

17 But really the project selection guidelines
18 mentions what assets can qualify for Transco. But
19 what it also clearly states is, is that the -- that
20 the operating company can still choose to put those
21 assets in the operating company because really the
22 purpose of the Transco was to help the operating
23 company with their financial burden, so it gets us
24 where -- where they don't need that help, they have
25 the ability to put those assets in the operating

1 company.

2 So in case -- I think what you're
3 asking -- the question you're asking just to make
4 sure I get it right, is that are the Transco
5 guidelines, the way they are being implemented in
6 Ohio the same as they are being implemented in
7 Kentucky?

8 Is that your question, your Honor? I just
9 want to make sure I get it right.

10 Q. To a degree, yes.

11 A. Okay. So like I said, in Ohio right now, we
12 are following the Transco guidelines the way
13 they -- they are stated. In Kentucky we do the same
14 thing. My team would follow the guidelines, and we
15 will assume that these assets will go in Transco,
16 probably, and these assets will probably go in the
17 Kentucky Power Company.

18 But then of course, you know, the Kentucky
19 Power makes the final determination in collaboration
20 with the transmission policy group if that is indeed
21 the case to satisfy, like you said, you know,
22 certain additional requirements that we may have in
23 Kentucky.

24 Make sense?

25 Q. Yeah, it does. And this is what I -- this is

1 really what it was all culminating to, is to
2 understand this better, is that when it comes to the
3 solutions, presented in the M-3 process, for
4 instance, and the implementation of those solutions
5 with investments in the system and the
6 allocation -- or the -- let's just say it this
7 way -- whose books those investments end up on,
8 right, and who owns those solutions.

9 I want to make sure I understand, that is
10 still, for instance, in this situation, 100 percent
11 up to the Kentucky Power operating company
12 president?

13 A. Your Honor, I -- I will be very honest with
14 you. I don't think I can answer that and say
15 definitely -- definitively that it is 100 percent,
16 you know, a call of the operating company.

17 My presumption is that it is, but I think
18 Witness Mattison or Witness Pearce are probably the
19 better witness because this is more of a policy cost
20 allocation question.

21 But what I can assure you is that when I'm
22 developing a solution, I really don't care if the
23 Transco will end up owning it or Kentucky will end
24 up owning it or Ohio will end up owning it. My job
25 is to come up with the most cost-effective, holistic

1 solution for a customer.

2 So that's what I look at, and then of course
3 these guys have to look at other things around cost
4 recovery, cost allocation, things like that.

5 So I think if your question is that -- who
6 makes that final determination and how much
7 authority somebody has or does not have, I think
8 Witness Pearce or Witness Mattison will be better
9 witnesses for that.

10 Q. So I just asked Mr. Pearce a very similar
11 question, attempting to find out what input
12 Mr. Mattison had, for instance, on investments in
13 the transmission company, and I think his response
14 was something like that they have input, but they
15 had -- the ultimatum decision lies in the operating
16 company.

17 VICE CHAIRMAN CHANDLER: So, Ms. Blend, do
18 you know if Mr. Mattison is the best person to ask
19 about that? Because I would like to understand and
20 have a definitive answer in that regard.

21 MS. BLEND: Thank you, your Honor. I believe
22 Mr. Mattison would be able to speak to that
23 question.

24 VICE CHAIRMAN CHANDLER: All right.

25 MS. BLEND: I don't want to speak for him and

1 promise you that he will provide an answer that you
2 think to be very definitive, but I do believe that
3 he will be able to address that question.

4 VICE CHAIRMAN CHANDLER: No, I think it's an
5 important part of our inquiry on this issue,
6 particularly the PJM LSE OATT expenses.

7 And so if -- I would just ask if Mr. Mattison
8 cannot give a definitive answer, that maybe we can
9 discuss after Mr. Mattison comes back so we can find
10 a witness that can do so.

11 Is that -- are you amenable to that?

12 MS. BLEND: Yes, your Honor. Thank you.

13 VICE CHAIRMAN CHANDLER: Thank you.

14 BY VICE CHAIRMAN CHANDLER:

15 Q. So -- so in terms of a deviation from the
16 guidelines under the project collection guidelines,
17 when you're planning, you are -- and I don't mean
18 this in a derogatory sense, but you're indifferent
19 to who -- whose books it ends up on, right?

20 You're there -- you're there from sort of an
21 engineering perspective, that, here is the
22 engineering need, here is the engineering solution,
23 and then the finances necessarily are up to somebody
24 else.

25 Is that -- I don't want to boil it down too

1 much, but is that effectively what -- is that a fair
2 characterization?

3 A. Yes, your Honor. And that is very fair, that
4 my job is -- I am looking at a solution. But one
5 thing I want to clarify is that one thing in finding
6 a solution is to ensure that it's cost effective,
7 it's reliable, it is safe.

8 So all of those things are part of my job but
9 not to the extent that, you know, what those
10 solution components may fall into.

11 Q. And the reason I ask that is because is it
12 fair to assume that at this point when these
13 solution -- solution presentations are happening in
14 M-3, no one may have made the decision yet as to who
15 the ultimate asset owner is going to be of any of
16 these different parts of the project, right?

17 A. Yes, your Honor, that is correct. The only
18 thing I would clarify there is, like I said earlier,
19 we have an idea, right, based on the project
20 selection guidelines.

21 And -- and these solutions, your Honor, are
22 very long-term solutions in the sense they take four
23 to five years to -- it's not something we can just
24 go address tomorrow.

25 So what we have to do is we not only have to

1 build a solution, we also have to build a cash flow
2 as to what will it take from an -- from an
3 investment perspective.

4 So when we go to the operating company
5 leadership like Brett Mattison, then they have that
6 picture available, that here is a solution, you
7 know, here are the arguments we looked at, here are
8 the risks that we are trying to mitigate.

9 And we believe based on the project selection
10 guidelines that this solution -- you know,
11 which -- which companies that solution resides in
12 and what the cash flows are so that they will have a
13 full picture of what it's going to take and can
14 we -- can we afford it or how much of that we can
15 afford.

16 Q. That's fair.

17 A. So we do that, but it's not definitive, to
18 your point.

19 Q. And just so I understand, so -- so to your
20 answer, when these are presented, the assumption is
21 that the guidelines will be adhered -- and I know
22 they're guidelines. They're not requirements
23 necessarily, under you're all -- but that they will
24 be strictly adhered to?

25 And so, you know, this transformer X would

1 be -- and generally, in terms of just your planning,
2 you're indifferent as to the decisions of the
3 operating company for planning purposes.

4 A. Yes, sir. That is -- that is correct. So
5 you're right. We -- we look at the guidelines. We
6 apply them, and we are indifferent to whether
7 that -- those components change, if needed.

8 Q. Okay. So part of the -- the question
9 yesterday -- and I don't remember who -- who it was
10 asked of or who answered it, but I'll provide you in
11 its context -- regarding how in terms of the rate of
12 return, the ROE, of AEP's different operating
13 companies Kentucky Power historically has been a
14 laggard -- or at least in recent history has been a
15 laggard.

16 Are you aware of that?

17 A. No, your Honor. Like I said, I don't deal
18 with financials or regulatory cost recovery and
19 those -- those type of mechanisms.

20 Q. Okay. And so -- and let me ask this: Have
21 you ever -- either directly or in a roundabout way,
22 have you ever been aware of investment decisions
23 being made at AEP with regards to transmission
24 that -- that prioritize investments in jurisdictions
25 that earn a higher return on equity?

1 A. Not -- not to my knowledge, your Honor.

2 Q. Okay. And -- and have you ever heard, either
3 directly or in a roundabout way, an interest in
4 prioritizing transmission investments in
5 jurisdictions that -- back to our earlier
6 conversation -- may have different regulatory
7 processes for implementing transmission -- you know,
8 transmission build, rebuild investment that may have
9 less oversight or more simpler processes?

10 A. No, your Honor. I haven't gotten any such
11 direction from anybody. And I think -- I
12 think -- if I may, your Honor, you know, I think
13 maybe you're referring to the slide deck that was
14 being shared yesterday -- yesterday where there were
15 some references to which states have what recovery
16 mechanism.

17 I think what I will tell you, the role I play
18 in that, my role is to determine what are the needs
19 on the grid, what are the right solutions regardless
20 of which bucket those solutions go in, and -- and
21 then making sure that they rationalize or justify
22 the prudent -- or stakeholders that engage in
23 developing them.

24 And then of course it's the job of our
25 leadership to go and acquire capital at the most

1 effective rates for our customers. And I think
2 that's what you were seeing, what -- I have never
3 received direction that we are investing dollars in
4 a certain company because of -- of their ROE.

5 I'm sorry. I'm not aware of that.

6 Q. And you remember Mr. Pearce's testimony today
7 where -- where he agreed that at least in recent
8 history, the investment in other states -- the
9 investment in Kentucky has been shy of its
10 allocation of costs in the last couple of years when
11 you combine, you know, operating companies and
12 transmission companies for the state.

13 Do you remember that?

14 A. Yes, your Honor, I absolutely remember that.
15 And -- sorry.

16 Q. No, I was just going to ask: So is that an
17 indication that on a -- at least as it relates to on
18 a 1 CP basis or a 12 CP basis, that the needs of
19 other states -- that other states just effectively
20 have more transmission needs than Kentucky?

21 A. Your Honor, that is -- you know, based on
22 where I sit, I don't see it that way. You know, of
23 course, you can -- you can appreciate that these
24 allocations, they do change over time, right?

25 I mean, I can go back to 2012, and I know we

1 had to make -- we had to make a significant
2 investment into Baker Substation which is a critical
3 station to serve the Kentucky customer base, extra
4 high voltage. And so during those years, if you go
5 back and you look at it, I'm assuming we will see
6 that the investment allocation was different.

7 I get it that if you look at the data right
8 now, you know, the investment allocation between
9 Kentucky and other operating companies have changed,
10 but that is not to say that it will not change again
11 in the future based on the needs.

12 Now, your question -- the other question, and
13 I want to address the answer to that, that do we
14 have less needs in Kentucky than other operating
15 companies. The answer is no. We do have needs in
16 Kentucky, and I see significant needs in Kentucky in
17 the future years coming up as -- as the system gets
18 more aged.

19 But, at the end of the day, like I said, the
20 line is drawn based on, you know, how much can a
21 company afford, as well as how much distribution
22 investment can also be made.

23 I mean, it will be very irresponsible for us
24 to go and -- say let's go and replace the entire
25 transmission network you're seeing on the map there

1 in front of us in the exhibit and not have the
2 distribution investment to go along because then
3 we're not delivering that benefit to the customer.

4 So it's more complicated than that because
5 it's not -- you've got to have the distribution
6 investment also available. You've got to have the
7 financial, you know, expense to be able to do that,
8 and, like I said, it is volatile over here so we
9 can't just look at a static view and assume that is
10 what the future will hold as well.

11 Q. So there's a -- you remember yesterday that
12 there was a discussion around a \$37 billion
13 investment plan, five-year investment plan. Do you
14 remember that?

15 A. Yes, sir. I do.

16 Q. And that 10 and a half million of it was
17 dedicated to transmission?

18 A. Yes, sir. That is correct.

19 Q. And at least referred to in the S&P article a
20 significant portion of it allocated to -- to
21 renewables, right?

22 A. Yes, sir. That is my understanding.

23 Q. Okay. So I just want to make sure that I
24 understand that you're not directly discussing
25 or -- I want to make sure that I understand that

1 you're not discussing the -- the capital allocations
2 or the capital available from the Kentucky Power
3 standpoint to make the necessary investments in its
4 system to meet its obligation of service.

5 That's not necessarily your -- your job,
6 correct?

7 A. Yes, your Honor. My -- like I said, my job
8 is to tell Kentucky Power where the needs are, what
9 the solutions are. What would those solutions take
10 from an investment perspective because, at the end
11 of the day, they need to understand the dollar value
12 of those solutions.

13 One thing I do want to clarify, your Honor,
14 you said 16 billion had the renewable --

15 Q. I don't think I said -- I didn't mean to if I
16 did. I apologize.

17 I just remember it being about 37 overall,
18 and 10 and a half for transmission. Is that your
19 understanding?

20 A. Yes, roughly 16 for transmission, but that
21 doesn't have the renewables. That's a separate
22 piece. I just wanted to clarify that for the
23 record.

24 Q. Okay. 16 for transmission is your
25 understanding?

1 A. Yes, sir.

2 Q. Okay.

3 A. It is entire -- entire network, your Honor.
4 So it's not just PJM region. So it is the entire
5 transmission network of the AEP system, which
6 includes four RPOs.

7 Q. I appreciate it. Maybe the 10 and a half in
8 the EEI presentation may have been PJM footprint, is
9 that -- is that your understanding?

10 A. Yes, your Honor.

11 Q. Okay. That's the distinction. I appreciate
12 it.

13 So in terms of -- of whether adequate capital
14 is being made available to Kentucky Power to meet
15 the needs that you bring to Kentucky Power, right,
16 the identified needs, that would be a question for
17 Mr. Mattison?

18 A. Yes, your Honor. I think that would be a
19 good question for Mr. Mattison.

20 Q. And the last question I have pending -- it
21 may be in dispute whether it's in the record or not:
22 Does the project selection guidelines apply to
23 baseline projects in addition to supplemental
24 projects?

25 A. Yes, your Honor. They apply to all project

1 drivers across the -- across the system.

2 Q. Okay. I appreciate it. Mr. Ali, those
3 are -- before I -- before I hand it -- I don't want
4 to have to come back like I did Mr. Pearce. I hate
5 to ask the Chairman for a favor twice. Let me just
6 check one second, make sure I have no more
7 questions.

8 Oh, yeah. The last set of questions I had,
9 Mr. Ali: I wanted to come back to manual 14C. So
10 14B is the planning for projects, effectively,
11 right, supplemental and baseline?

12 And do you -- do you -- are you aware of the
13 purpose of manual -- PJM Business Practice Manual
14 14C?

15 A. Yes, your Honor, I am.

16 Q. Okay. And what's your understanding of -- at
17 a very high level, the purpose of manual 14C?

18 A. Your Honor, I may be -- I may mix those two
19 up, but really, in essence, it is -- it is
20 discussing, at a high level, the protocols for, you
21 know, evaluation and review of needs, projects,
22 publishing of them in the subregional RTEP and what
23 avenues the stakeholders have if they want to raise
24 more comments concerning the portfolio.

25 Q. And at least a portion of 14C, as I remember

1 it, is sort of the backside of some of the stuff the
2 14B talked about.

3 And would you agree that there are portions
4 of 14C that talk about the tracking of -- or the
5 updates that transmission owners or designated
6 entities, I think they're referred to -- that they
7 provide to PJM on an ongoing basis for transmission
8 projects?

9 A. Yes, sir. That also includes that. So after
10 the projects have been submitted, there are regular
11 updates that the transmission owners have to make to
12 cost and service.

13 Also as the project goes into execution, they
14 have to provide -- we have to provide information
15 for project planners who are working on it, so PJM
16 can visit, especially, the baseline project.

17 So I believe all of that is discussed there
18 as well.

19 Q. And what I wanted to make sure of to our
20 discussion earlier about the designation of let's
21 just say whose books it ends up on, right, a
22 transmission project.

23 I just want to make sure that during that
24 tracking process, do you know whether or not -- you
25 answered earlier sort of on the planning side maybe.

1 But do you know during that tracking process of the
2 projects as they're being built, whether they're in
3 construction or scoping or whatever they may be --
4 does -- does anybody give an update or indicate in
5 those filings who the ultimate asset owner is going
6 to be, whether it's going to be a Transco or another
7 affiliate or the initial owner of the -- of the
8 transmission system that identified the -- the need?

9 A. Your Honor, I do know that for baseline
10 projects, we have to sign what we call a designated
11 entity agreement with PJM. So for those projects,
12 yes, that has to be clearly stated as to who the
13 designated entity is. As you know, supplemental
14 projects don't require a PJM board approval, so
15 there is no such agreement for those.

16 Q. Okay. And so on that subject, if Kentucky
17 Power -- let's say there's a baseline need in the
18 most recent run of -- of the RTEP, right, that the
19 CETL values go crazy and there's a number of
20 violations and it ends up being a baseline need
21 identified by PJM and Kentucky Power is the asset
22 owner for all of the transmission systems identified
23 in the need, right?

24 Do you understand the scenario I'm setting
25 up?

1 A. Yes, sir, I do.

2 Q. And -- and Kentucky Power -- let's say
3 somebody wants to bid on it. It's a designated
4 entity that's not the incumbent transmission owner,
5 right? And Kentucky Power wants to bid on it.

6 If there's going to be an allocation,
7 according to the project selection guidelines, when
8 Kentucky Power files the -- you know, once the bid
9 for the -- it's a competitive project, sorry. It's
10 five years out. It's a competitive project.

11 Kentucky Power wants to bid for it. Do they
12 have to indicate in their designated entity
13 agreement that, for instance, AEP Kentucky
14 Power -- AEP Kentucky Transco is also going to be
15 one of the developers and own a portion of it?

16 A. So, your Honor, this is -- just let me break
17 it down a little bit because I don't want to
18 misstate something here.

19 So, number 1 is that we don't need to
20 identify who is going to own a certain asset at the
21 stage of the need as well as when we're presenting
22 the solution to PJM. We -- that is not a
23 requirement because there will be multiple solutions
24 PJM will have to go and evaluate during that
25 scenario.

1 Once PJM has evaluated and picked the right
2 solution, the cost-effective and robust solution,
3 then PJM is going to ask the entity to sign the
4 designated entity agreement. It is at that time
5 that we have to identify as to who will be the
6 owning entity, and in cases where both Transco
7 Kentucky and Kentucky Power Company own an asset,
8 both of them will be signatories of that agreement.

9 Q. And it's your understanding -- and I'm happy
10 to ask him here in a minute, but it's your
11 understanding that Mr. Mattison would be the -- for
12 instance, in the example provided, would be the one
13 making the determination, correct?

14 A. Your Honor, like I mentioned earlier, I mean,
15 I don't know if I can say 100 percent. I think he
16 will be the better one to answer, but -- but, like I
17 said, we would -- I would be presenting to the
18 operating company the cash flows to undertake that
19 project.

20 And then based on that and see if we can meet
21 the timeline, you know, that determination will be
22 made, you know, by -- by the operating company, and
23 we will then present that to PJM.

24 Q. Yeah. And I -- I hated to put you on the 100
25 percent.

1 But I guess what I'm really asking is: It's
2 your experience that the operating company president
3 makes that ultimate decision?

4 A. Yes, or his designee or her designee. I
5 mean, you know, of course we're working with their
6 teams on a regular basis, and they're involved in
7 it.

8 So yes, they would be -- or their designees
9 will make that determination, that if we're okay
10 with making this investment, are we able to afford
11 this investment.

12 VICE CHAIRMAN CHANDLER: Okay. I appreciate
13 it, Mr. Ali. Thank you very much.

14 CHAIRMAN SCHMITT: Dr. Matthews, questions?

15 COMMISSIONER MATTHEWS: I don't have any.

16 CHAIRMAN SCHMITT: Ms. Blend, would you like
17 the opportunity to provide redirect examination?

18 MS. BLEND: Yes, your Honor. Thank you.

19 And before I begin my redirect, Vice Chairman
20 Chandler, the project selection guidelines that have
21 been referenced during Mr. Ali -- during your
22 questioning of Mr. Ali were produced in response to
23 Staff Request Number 2 and Staff 5, so Staff 5, 2
24 Subpart B, as in boy.

25 VICE CHAIRMAN CHANDLER: And just so I'm

1 clear, that's the responses on behalf of the
2 company, the staff's fifth item request, item 2B?

3 MS. BLEND: Yes. Thank you.

4 VICE CHAIRMAN CHANDLER: Thank you very much.

5 REDIRECT EXAMINATION

6 By Ms. Blend:

7 Q. Mr. Ali, I want to follow up quickly on the
8 last -- quickly on the last items or topics that
9 Vice Chairman Chandler asked you about.

10 Do you recall the question about M-3, the M-3
11 process and the identification of a -- the owner of
12 the solution?

13 A. Yes. I do.

14 Q. Did I understand your testimony correctly
15 that there is no requirement through that process
16 that a solution owner be identified in that process?

17 A. Yes. That is correct.

18 Q. Are you aware of transmission projects for
19 which Kentucky Power Company has obtained a CPCN and
20 in which Kentucky Power Company indicated that
21 Kentucky Transco would also be performing related
22 work that was not the subject of the CPCN but that
23 was related to the Kentucky Power CPCN work?

24 A. Yes, I'm aware of.

25 Q. And is one such project the 2018 Enterprise

1 Park project?

2 A. Yes. It is.

3 Q. And has Kentucky Power Company relatively
4 recently Kentucky Transmission Company refiled that
5 project in Case Number 2020-00062?

6 A. Yes. We have.

7 Q. Is that project the baseline project or a
8 supplemental project?

9 A. It has mostly baseline components.

10 Q. Is it your understanding that the Commission
11 approved the 2018 Enterprise Park project?

12 A. Yes. That's my understanding.

13 Q. Thank you. A couple of clarification
14 questions regarding the project selection
15 guidelines.

16 Do those guidelines cover competitive
17 transmission projects?

18 A. No, they don't.

19 Q. Are -- are competitive transmission project
20 transmission projects relatively common or
21 relatively uncommon?

22 A. They are very unique in PJMs since 2012, only
23 three competitive projects have been awarded.

24 Q. Do competitive projects include -- or I'll
25 say it differently.

1 Are asset renewal projects considered to be
2 competitive projects?

3 A. No, they're not.

4 Q. Does the project selection guideline document
5 cover asset renewal projects?

6 A. Yes, it does.

7 Q. You were asked questions about which entity
8 or entities are ultimately
9 responsible -- responsible for determining the need
10 for transmission investment.

11 Do you recall those questions?

12 A. Yes. I do.

13 Q. Who's responsible for maintaining the
14 transmission system?

15 A. The AEP transmission and the operating
16 companies.

17 Q. And within the AEP transmission system, who
18 is the expert regarding the condition, performance,
19 and risk of AEP's transmission assets?

20 A. It is the AEP transmission and the operating
21 companies.

22 Q. Does PJM have that expertise?

23 A. No, PJM does not have engineering field
24 project management expertise. The only expert PJM
25 has is markets, planning, and operation.

1 Q. Does AEP run its transmission system to
2 failure?

3 A. Absolutely not.

4 Q. In your rebuttal testimony on page 6,
5 footnote 1 -- on page 6 and including in footnote 1,
6 you refer to and define the term "good utility
7 practice," correct?

8 A. Yes. I do.

9 Q. In your opinion, would it be good utility
10 practice for AEP to run its transmission system to
11 failure?

12 A. No.

13 Q. Who is liable ultimately for utilities' or
14 transmission owners' failure to maintain its system?

15 A. It is the utility itself that is liable, at
16 the end of the day.

17 Q. Have we seen any recent examples of such
18 liability in other parts of the country?

19 A. Yes, absolutely, we have. I think a good
20 example is in California. And again, our goal is to
21 never get to that stage. We want to make sure we're
22 proactively replacing our infrastructure and our
23 infrastructure is reliable, safe, and cost effective
24 for our customers.

25 Q. Changing topics, you were asked about the

1 level of control that AEP and Kentucky Power have
2 over transmission needs on the system. Do you
3 recall those questions?

4 A. Yes. I do.

5 Q. Do you address the system needs that are out
6 of the company's control or any transmission owner's
7 control on pages five and six of your rebuttal
8 testimony?

9 A. Yes. I do.

10 Q. You may have touched upon -- I think you
11 touched upon this briefly in response to a question
12 that the Vice Chairman asked you, but Mr.
13 Satterwhite and Mr. Pearce both referred to you as
14 the witness who might be best situated to identify
15 examples of projects that have been performed
16 outside of Kentucky, but that still will benefit --
17 be helpful or benefit Kentucky Power.

18 Can you provide some examples of such
19 projects?

20 A. Yes. There are -- there are various examples
21 of that. I mean, the most recent one that comes to
22 mind is back in 2012, an announcement was made to
23 retire up to 7,500 megawatt of generation in the
24 Ohio Valley, which is a very -- you know, it was a
25 critical generation that was serving the load in

1 Appalachian and Kentucky and Kingsport areas.

2 And when we performed analysis we saw
3 significant voltage internal violations, to the
4 point that we were not able to reliably get power
5 back into the region. And the most cost-effective
6 solution was to utilize our 765 kV network and drop
7 down to the lower voltages, 345 and 138 kV systems,
8 so that we can get the power from the market,
9 regardless of where it's at, and get it back to the
10 customer. And that required investments in Ohio,
11 you know.

12 The one that comes to mind is the Mountaineer
13 765 to 345 kV substation. I think it was roughly
14 \$80 million of investment, the conceptual estimate
15 -- I think the final cost was for a little higher
16 than that. I don't have that on the top of my head.

17 But those -- there are several examples of
18 that, similarly switchover retirement that resulted
19 in significant load flow changes, and we had to make
20 transmission investment in the West Virginia area to
21 make sure that we were able to reliably get power
22 from the grid to areas like Kentucky.

23 Q. Thank you.

24 VICE CHAIRMAN CHANDLER: Can I ask a short
25 question, Ms. Blend? I was confused by the

1 response. Can I ask a short question?

2 MS. BLEND: By all means.

3 VICE CHAIRMAN CHANDLER: Thank you.

4 So the retirement of the generation led to
5 thermal and voltage violations. So those -- were
6 those baseline drivers or supplemental drivers.

7 THE WITNESS: Your Honor, those were -- those
8 were baseline.

9 VICE CHAIRMAN CHANDLER: Those were baseline?
10 Okay. And so the baselines have a defined
11 allocation outside of -- let me ask this way -- I
12 didn't want to go this basic: But supplemental
13 projects and baseline projects are allocated
14 differently, correct?

15 THE WITNESS: Your Honor, it depends. So --
16 so maybe let me explain that. So for projects that
17 are double circuit 345 kV and above that are
18 baseline, 50 percent of that allocation is across
19 the footprint. Everybody pays based on their load
20 share.

21 And the remaining 50 percent is based on
22 DFAX. For baseline projects that are less than 345
23 kV double circuit, 100 percent of that allocation is
24 based on DFAX -- which, by the way, if you go and
25 look at DFAX of baseline projects, 95 percent of

1 those are only assigned to the zone they're in.

2 Only the projects that are sitting at the
3 boundaries of your zone at low voltages are the ones
4 that are assigned to -- outside your zone. And of
5 course, supplemental projects, 100 percent
6 allocation is to the zone.

7 You know, one thing, your Honor, that I may
8 want to mention, and I heard this conversation on
9 DFAX mentioned earlier. One thing we've got to
10 remember is the DFAX is not a metric that can
11 compute all of the benefits of a project. And PJM
12 recognizes that limitation.

13 And for that very reason PJM and its
14 stakeholders identified the projects that are about
15 345 kV double circuit in our 13-state footprint.
16 They need to be allocated to the entire zone based
17 on their load share because even though we can't
18 calculate and quantify the benefit using DFAX, we
19 know that everybody benefits from that.

20 I mean, an example of that, your Honor,
21 recently, a project -- in Dominion, and we can make
22 that available if you need, Ladysmith to Chancellor
23 500 kV line, so Dominion is rebuilding that line.

24 And when PJM ran DFAX on that, 100 percent of
25 the DFAX was in Dominion, but still 50 percent of

1 that cost got allocated early because we all
2 recognized benefits of an articulated transmission
3 network.

4 VICE CHAIRMAN CHANDLER: I just want to make
5 sure: There's a significant difference -- this is
6 the question I have for Mr. Pearce.

7 -- a significant difference between double
8 circuit 345 kV and above, and a 69 kV or a 48 -- or
9 a 46 kV project in Kalamazoo or in Michigan or in
10 northern Ohio, right.

11 I mean, it's the -- it's the difference
12 between the -- I guess I say that -- I say that as
13 the question: There's a difference between the bulk
14 electric transmission system and the 21 and a half
15 or 22 kV, 46 kV, 69 kV system, right.

16 THE WITNESS: Your Honor, you're exactly
17 right, that's there's a difference, and that's why I
18 think you've got to look at the layers, right? So
19 when we think about PJM, it's a broader layer,
20 right? It's a very big system.

21 And in 345 kV network, even sitting in Con
22 Ed, which is in Chicago and New Jersey, it makes a
23 lot of sense. If you get down to the AEP level,
24 even a 69/23 kV system makes sense. You get down to
25 distribution level.

1 I mean, the same argument is true on the line
2 in Hazard, Kentucky, how is that line benefiting
3 customers in Ashland? It's really not, but it is
4 benefiting customers in Prestonsburg, and the line
5 in Prestonsburg is benefiting customers in Ashland,
6 right?

7 So it's the same argument that
8 the 69 kV line in Michigan may not be directly
9 benefiting Kentucky, but it's benefiting Ohio,
10 probably. And lines in Ohio are benefiting West
11 Virginia, and West Virginia is benefiting Kentucky

12 So it's the -- it's the same regional concept
13 that I know PJM is based off basing the 345 kV
14 double circuit on.

15 VICE CHAIRMAN CHANDLER: That's fair.

16 Apologies, Ms. Blend.

17 THE WITNESS: Thank you, your Honor.

18 MS. BLEND: No apologies necessary,
19 Vice Chairman. And I have no further questions on
20 redirect for Mr. Ali. Thank you.

21 CHAIRMAN SCHMITT: All right. Thank you, Mr.
22 Ali. You may -- you may step down. I'm sure you're
23 glad to get a break.

24 THE WITNESS: Thank you, your Honor. We
25 really appreciate it.

1 CHAIRMAN SCHMITT: I guess is Mr. -- we
2 call -- recall Mr. Mattison at this time?

3 MS. BLEND: Yes, your Honor. We will do
4 that. We will just need a moment to sanitize --

5 CHAIRMAN SCHMITT: Okay. Thank you.

6 MS. BLEND: -- the witness table before we
7 resume.

8 MS. VINSEL: Chairman, could we take about a
9 five-minute break?

10 CHAIRMAN SCHMITT: Yeah. Staff counsel would
11 like to take a five-minute break. Before we do
12 that, let me ask this: I know Mr. Mattison is being
13 recalled so he remains under oath. I
14 assume -- well, I shouldn't assume anything.

15 Ms. Vinsel, do you intend to have any
16 questions for Mr. Mattison.

17 MS. VINSEL: Yes, I do.

18 CHAIRMAN SCHMITT: Okay. All right. Good.
19 I didn't know if we were just re-cutting direct to
20 Vice Chairman or other counsel -- so we'll begin in
21 with your cross-examination unless, Ms. Blend, you
22 have something on redirect -- or direct that you
23 would like to put on. If not, you'll get to finish
24 up.

25 MS. BLEND: Not at this time your Honor. I

1 don't at this time, your Honor. Thank you.

2 CHAIRMAN SCHMITT: All right. We'll take a
3 break until -- we'll be in recess until -- let's go
4 25 after 2:00.

5 (A DISCUSSION WAS HELD OFF THE RECORD.)

6 CHAIRMAN SCHMITT: I think we're back on the
7 record.

8 Are all the parties and counsel present?
9 Maybe. Okay.

10 MS. VINSEL: I don't see Kentucky Power yet.
11 There.

12 MS. BLEND: We are here. Thank you.

13 CHAIRMAN SCHMITT: All right. I guess we'll
14 proceed, then, with Mr. Mattison -- Mattison's
15 cross-examination. Mr. Mattison, you remain under
16 oath.

17 THE WITNESS: Yes, sir.

18 CHAIRMAN SCHMITT: And I guess the
19 cross-examination at this time will begin with Staff
20 Counsel Vinsel.

21 MS. VINSEL: Thank you, Chairman.

22 * * *

23

24

25 D. BRETT MATTISON, having been reminded of

1 his oath, testified as follows:

2 CROSS-EXAMINATION

3 By Ms. Vinsel:

4 Q. Good afternoon, Mr. Mattison.

5 A. Good afternoon.

6 Q. I believe, but let me double-check: Were you
7 listening and watching to Mr. Satterwhite's
8 testimony yesterday afternoon?

9 A. Yes, I was.

10 Q. Okay. And I just want to follow up on a few
11 things that I asked Mr. Satterwhite.

12 Were you aware that approximately 90 percent
13 of the base rate PJM LSE OATT expenses in the test
14 year in this case are related to transmission
15 investment in other AEP affiliates?

16 A. Yes, in this case I am.

17 Q. Did you know that you could challenge the
18 transmission company's updates and projections?

19 A. When you say the transmission updates and
20 projections here, are you talking about the PJM?

21 Q. The Kentucky -- the Kentucky Transco, the
22 transmission company's -- yes. The updates and
23 projections that are included in the annual update
24 and annual projections.

25 A. Just to be clear, are you talking about me