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1	COMMONWEALTH OF KENTUCKY
2	BEFORE THE PUBLIC SERVICE COMMISSION
3	
4	In the Matter of:
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6	ELECTRONIC APPLICATION OF KENTUCKY) POWER COMPANY FOR (1) A GENERAL)
7	ADJUSTMENT OF ITS RATES FOR ELECTRIC) CASE NO. SERVICE; (2) APPROVAL OF TARIFFS AND) 2020-00174
8	RIDERS; (3) APPROVAL OF ACCOUNTING) PRACTICES TO ESTABLISH REGULATORY)
9	ASSETS AND LIABILITIES (4) APPROVAL) OF A CERTIFICATE OF PUBLIC) CONVENIENCE AND NECESCIENT AND (5)
10	CONVENIENCE AND NECESSITY; AND (5)) ALL OTHER REQUIRED APPROVALS AND) RELIEF)
11	
12	C. SCHERNER,
13	VOLUME III
14	
15	Transcript of November 19, 2020, hearing
16	before Chairman Michael J. Schmitt at the Kentucky
17	Public Service Commission, 211 Sower Boulevard,
18	Frankfort, Kentucky 40602-0615, with Vice Chairman
19	Kent A. Chandler, Commissioner Talina R. Mathews,
20	counsel, and witnesses attending via GoToMeeting.
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23	* * *
24	
25	

(Hearing commenced at 9:03 a.m.) 1 CHAIRMAN SCHMITT: All right. We're back. 2 Ι guess we'll begin our third day of the Kentucky 3 Power rate hearing. Is everyone present? 4 I see 5 Mr. Wolffram. Mr. Wolffram, will you be conducting the 6 7 direct examination of Ms. Keaton this morning? 8 MR. WOLFFRAM: Yes, Your Honor, we will. 9 CHAIRMAN SCHMITT: Okay. 10 MR. WOLFFRAM: Or I will. 11 CHAIRMAN SCHMITT: All right. If everyone is 12 ready, I think the next witness is Allyson M. Keaton. 13 Mr. Wolffram, you may introduce the witness 1415 and, upon swearing, conduct a direct examination. 16 MR. WOLFFRAM: Your Honor, before we get 17 started this morning, the Company would like to 18 bring up one administrative concern that we would --19 if that would be appropriate at this time? 20 CHAIRMAN SCHMITT: Yes. Fine. 21 MR. WOLFFRAM: Your Honor, as some may have 22 seen, Franklin County, Ohio, which is where we have 23 the Company's -- most of the Company's witnesses 24currently in the AEP building in Franklin County, 25 issued an advisory, a stay-at-home order for the

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county, so the Company would ask if it would be appropriate to allow witnesses that the Commission does not plan to recall to be excused, that are 3 located locally, to their homes after they are testifying -- after they testify. We can make those witnesses available within a couple hours' notice, 6 7 but, again, just as the rate of COVID exposure has 8 increased in Franklin County, and because of that 9 advisory, we would just ask if it would be 10 appropriate to allow witnesses that do not plan -or there's no plans to have them recalled at this time to be excused to their homes, and we can, again, allow -- or make them available within a 13 couple hours' notice to be recalled.

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CHAIRMAN SCHMITT: And I think that would be 15 16 okay, but let me ask Vice Chairman Chandler and Dr. Mathews whether they have any present thought 17 18 about recalling any of the witnesses who have previously testified over the last two days today. 19 20 You may want to do it, you know, tomorrow or some 21 other time, but today, or would two hours' notice be 22 sufficient if you wanted to call somebody, recall 23 someone?

Mr. Chandler, your thoughts?

VICE CHAIRMAN CHANDLER: I'm trying to think.

It's still very early, Chairman. No one comes to mind that certainly we would need within two hours, and, you know, I certainly defer to the Company whether they would -- and especially on recalling witnesses, as short of questioning as it would likely be, if that was the case, whether they would even want to, you know, bring them back in to do so or just have them participate remotely. I would leave that up to them.

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CHAIRMAN SCHMITT: Commissioner Mathews, any
 thoughts, any objections?

12 COMMISSIONER MATHEWS: I don't have any 13 objections. I would be fine if they wanted to make 14 those -- anybody that we -- if we deemed that we 15 needed to hear someone else, or hear someone again, 16 to have them available at home.

17 CHAIRMAN SCHMITT: Okay. All right. Well, 18 Mr. Wolffram, then your motion or suggestion is 19 sustained, and those witnesses who have previously 20 testified may go to their homes but remain available 21 for recall within two or three hours' notice. We'll 22 try to give you more than that. Okay?

23 MR. WOLFFRAM: Thank you, Your Honor. We 24 appreciate it. And, yes, that was certainly a 25 consideration, if any should to be recalled, we can

work with them, and if they have the capability to testify from home remotely, we will. I know there may be a couple witnesses that, you know, would need to be in the building for technology reasons, but those that have the ability, we will certainly explore that. Thank you.

CHAIRMAN SCHMITT: Okay. Thank you.

All right. Ms. Keaton, would you please raise your right hand? Do you solemnly swear or affirm, under penalty of perjury, that the testimony you are about to give will be the truth, the whole truth, and nothing but the truth?

THE WITNESS: I do.

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14 CHAIRMAN SCHMITT: Okay. Mr. Wolffram, you
 15 may ask.

16 Ms. Keaton, let me -- let me caution you, 17 like every other witness. You're really going to 18 need to be close to the microphone, because if you aren't, I guess because of the size of the room or 19 20 whatever, it's difficult to hear, and Kentucky Power 21 has a third-party court reporter here who's taking 22 down the testimony, recording the testimony, and 23 sometimes she can't hear unless you speak up. All 24 right?

THE WITNESS: Okay.

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1	CHAIRMAN SCHMITT: All right. Thank you.
2	THE WITNESS: Yes.
3	CHAIRMAN SCHMITT: All right. Mr. Wolffram,
4	you may ask.
5	MR. WOLFFRAM: Thank you, Your Honor.
6	ALLYSON M. KEATON, having been first duly
7	sworn, testified as follows:
8	DIRECT EXAMINATION
9	By Mr. Wolffram:
10	Q. Ms. Keaton, will you please state your name
11	and business address for the record?
12	A. Yes. My name is Allyson Keaton, and I'm at
13	1 Riverside Plaza, Columbus, Ohio 43215.
14	Q. And by whom are you employed and in what
15	position?
16	A. I'm employed by American Electric Power
17	Service Corporation and I'm a tax analyst principal.
18	Q. Did you cause in this case to be filed direct
19	and rebuttal testimony, as well as discovery
20	responses?
21	A. Yes, I did.
22	Q. Do you have any changes, modifications, or
23	corrections to those testimonies or the discovery
24	responses at this time?
25	A. No, I do not.

Okay. Were those discovery responses and 1 Q. testimony prepared by you or under your supervision? 2 3 Yes, they were. Α. And if I were to ask you the questions 4 Q. 5 presented in the discovery responses in testimony 6 this morning, would your answers be substantially 7 the same? Α. Yes. 8 9 MR. WOLFFRAM: At this time, Your Honor, the 10 witness is available for cross-examination. 11 CHAIRMAN SCHMITT: Thank you. Ms. Vinsel, 12 cross-examination? 13 MS. VINSEL: Yes. Thank you, Chairman. CROSS-EXAMINATION 14 15 By Ms. Vinsel: 16 Q. Good morning, Ms. Keaton. I --17 Good morning. Α. I need to ask you a few questions to clarify 18 Q. 19 one of the responses you sponsored in a data 20 request. 21 MS. VINSEL: I'm going to ask --22 Α. Okay. 23 MS. VINSEL: -- Zach if he'll bring this up 24 on the screen so that -- just to make it easier for 25 everybody. Zach, can you bring up, it's Attorney

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General KIUC second data request. Thank you. 1 And 2 yes, it's item 16. 3 Zach, do you mind to make the response a 4 little bigger? I think the technical word is resize 5 it. 6 CHAIRMAN SCHMITT: We want to use the proper 7 terminology, we get confused otherwise. 8 MS. VINSEL: There you go. 9 Okay. So, Ms. Keaton, what we need some Q. 10 clarification about is, in the -- make sure it's the 11 second sentence. You referenced the ADIT that's 12 related to the net prepaid pension and OPEB, that's 13 O-P-E-B, contra assets that are --14 Α. Yes. 15 -- included in rate base. And then in the --Q. 16 after the comma, you reference that if the 17Commission allows the two prepaid assets to be included in rate base with no offset for the two 18 19 related contra assets, then the asset ADIT related 20 to the two contra assets should also be excluded 21 from rate base. 22 So I'm -- again, I don't want to oversimplify 23 this, but I want to understand if this is the case. 24 If you will, I hate to use the word "buckets," but 25 I'm going to use buckets here.

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1	A. Okay.
2	Q. We have assets, contra assets. So we've
3	got in the assets, we've got the prepaid pension,
4	prepaid OPEB, and then ADIT related to that; is that
5	correct?
6	A. That's correct.
7	Q. And then that second bucket of the contra
8	assets, so there we have the contra asset for
9	prepaid pension, prepaid OPEB, and ADIT in that
10	bucket also; is that correct?
11	A. That is correct.
12	Q. So essentially, if we allow let me make
13	sure I'm saying this right. If we allow the prepaid
14	assets, all the two assets and the ADIT, and we
15	don't make a similar adjustment for the contra
16	assets, we're basically skewing the results; is that
17	a fair statement?
18	A. The ADIT should always follow cost of
19	service, so if the two prepaid pension and OPEB are
20	included in rate base, then so should the ADIT. If
21	the contra the contra accounts are not included
22	in rate base, then the ADIT contra accounts should
23	not be included in rate base.
24	Q. And I apologize. I'm having to text one of
25	my coworkers who, of course, is not in the building,

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to make sure that I've gotten the answer for you. 1 I'm going to move on to something else right now, 2 and if I hear back in time --3 4 Α. Okay. 0. -- I will let you know, and thank you for 5 6 your patience with that. 7 Oh, you're welcome. Α. 8 Q. In regard to the blended state income tax, 9 when it's calculated, is each state's tax rate 10 weighted for a portion of expense that's related to that state? So essentially, when you blend the tax 11 rate, I guess the underlying question is: How do 12 you do it? Are you using a proportion of expenses 13 in each state, or are you just using the tax rate? 14 15 Α. We use the tax rate, and we also use an 16 apportionment for each of the states that Kentucky 17 Power is in. 18 0. Okay. 19 For example, the blended state rate that we Α. 20 use in this case and other cases for Kentucky, we 21 have included Illinois and West Virginia, because --22 well, Illinois and Michigan because of electricity 23 sales, and we've also included West Virginia because 24 they have -- Kentucky Power has property and payroll 25 in that state, as well as Kentucky, of course.

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I'm sorry. Can you -- can you say that 1 0. I know that I was listening, but I don't 2 again? know that I quite followed everything. 3 Okay. We include apportionment from other 4 Α. states. For example, the blended rate includes 5 Illinois and Michigan, which has electricity sales, 6 and we also include West Virginia because of 7 property and payroll in that state, as well as 8 Kentucky, and this is all for Kentucky Power only. 9 10 Q. Okay. I think I understand. Let me -- let 11 me ask a couple more questions to make sure I 12 understand. So I know that in your testimony, or yeah, your rebuttal testimony, you referenced that 13 Kentucky Power incurs this income tax liability in 14 connection with, as you mentioned, the electricity 15 sales in Illinois and Michigan, payroll in West 16 17 Virginia, property in West Virginia. So when you calculate the blended rate, are 18 you then considering the apportionment of, for 19 20 example, those electric sales in Illinois and 21 Michigan and then making a calculation for the

22 income tax rate that -- apportionment to create the

blended rate based on those electric sales?

A. Yes. That is correct.

25 Q. Okay. Okay.' I --

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1	A. We oh, I'm sorry.
2	Q. No, no, please go ahead.
3	A. Okay. I was just going to say that Kentucky
4	Power has done this in previous cases as well.
5	Q. And as you know, the Kentucky corporate
6	income tax rate was reduced, just like the federal,
7	and I think that's why there may be a difference
8	from past years, but I understand what you're
9	saying. And
10	A. Okay. Great.
11	Q I've got and I apologize, I and
12	again, I'm clarifying something with a coworker.
13	Going back to the prepaid pension, OPEB, and the
14	ADIT, are the contra assets currently excluded from
15	rate base?
16	A. No, in the case they were included. However,
17	I realized that they should not have been, and ADIT
18	should always follow cost of service, and I
19	corrected that in my data request.
20	Q. And was this the data requests that we're
21	referencing here, or is there a different request
22	where that was corrected?
23	A. No, the one that you referenced is the one
24	that I'm talking referring to.
25	Q. Okay. Thank you.

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You're welcome. 1 Α. 2 Q. Okay. MS. VINSEL: I think Staff has no further 3 questions. Thank you very much. 4 THE WITNESS: Oh, you're welcome. Thank you. 5 CHAIRMAN SCHMITT: Office of Attorney 6 7 General, any cross-examination, Mr. Cook? MR. COOK: Yes. 8 CROSS-EXAMINATION 9 10 By Mr. Cook: Good morning, Ms. Keaton. Lawrence Cook here 11 Q. 12 for the AG. I have a -- just a couple questions for 13 you about the blended tax rate, state tax rate 14 that --15 Α. Yes. -- Kentucky Power is trying to get in this 16 Q. case. So -- and help me out here if I miss 17 something, but my understanding was, I -- when I did 18 19 research, I could not find any specific orders from rate cases in which the Commission expressly 20 approved any prior use of a blended state tax rate. 21 22 Am I correct? We have -- we did use the blended rate, I 23 Α. 24 know -- I know in the last two cases, and I believe 25 that it was not -- it was not questioned or brought

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1 up. 2 Q. Okay. So in other words, in a litigated rate case, there's no language in the final order that 3 expressly approved using that blended state tax 4 rate, correct? 5 I'm not sure on that. 6 Α. Okay. Shouldn't the Commission be consistent 7 0. and treat Kentucky Power as a stand-alone entity for 8 9 the purpose of calculating state income tax expense, just the same way it does with federal income tax 10 11 expense? 12 Α. Yes. Yes, I agree, and the blended rate is a 13 Kentucky Power rate only. It does not include any 14 affiliates or any AEP consolidated members. It is 15 Kentucky Power only. Okay. Could you help me understand that, 16 Q. 17 then? You say --18 Α. Okay. 19 -- it's Kentucky Power only, and does not Q. include affiliates, but you're bringing in tax rates 20 21 from these other states; Illinois, 9 percent, 22 Michigan at 6, and West Virginia at 6.5 percent, 23 correct? Correct. But we have property, payroll, and 24 Α. 25 sales in those states.

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635 1 Q. Okay. That's why we are including them for Kentucky 2 Α. 3 Power. 4 0. Okay. MR. COOK: Chairman, that's all the questions 5 6 I have at this time. 7 CHAIRMAN SCHMITT: Mr. Kurtz, cross-examination? 8 MR. KURTZ: No. No, Chairman. 9 Thank you. CHAIRMAN SCHMITT: Ms. Grundmann on behalf of 10 Walmart, any questions? 11 12 MS. GRUNDMANN: No cross, Your Honor. 13 CHAIRMAN SCHMITT: Mr. Spenard, Mr. Strobo, 14Kentucky Solar, questions? MR. SPENARD: Good morning, Mr. Chairman. 15No 16 questions. CHAIRMAN SCHMITT: Mr. FitzGerald, any 17 questions? 18 19 MR. FITZGERALD: No questions. Good morning, 20 Your Honor. No questions. CHAIRMAN SCHMITT: All right. 21 22 MR. FITZGERALD: Thank you. CHAIRMAN SCHMITT: Mr. Miller for Sierra 23 24 Club, any questions of this witness? 25 MR. MILLER: Good morning, Mr. Chairman.

Good morning, everybody. No questions, thank you. 1 2 CHAIRMAN SCHMITT: And Mr. Frye? 3 MR. FRYE: Good morning, Mr. Chairman. No 4 questions at this time. 5 CHAIRMAN SCHMITT: Okay. Vice Chairman Chandler, any questions? 6 7 VICE CHAIRMAN CHANDLER: Thank you, Chairman. EXAMINATION 8 9 By Vice Chairman Chandler: Good morning, Ms. Keaton. 10 Q. 11 Α. Good morning. I do have a couple questions about that 12 Q. blended state tax rate. 13 Okay. 14 Α. So I think I have that the Illinois and 15 Q. 16 Michigan are included because there are electricity sales in those states? 17 18 That is correct. Α. Okay. Can you explain that to me? 19 Q. It is sales from PJM are include -- are the 20 Α. reason why we include those states. We have sales 21 in those states because of PJM. 22 23 Okay. So what generation is located in Q. 24 Michigan in which Kentucky Power is using that asset to sell into PJM? 25

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1	A. I'm not sure. That would be that would be
2	a better question for another witness.
3	Q. Okay. Do you know which witness, because
4	you're telling me that they incurred well, let me
5	ask it this way: Did does Kentucky Power, right,
6	let's say during the test year, did they actually
7	incur Michigan sales tax for those electricity
8	sales?
9	A. Yes, they did.
10	Q. Okay. And they also incurred Illinois sales
11	tax for sales from some activity in the state of
12	Illinois in the test year?
13	A. Yes.
14	Q. Okay.
15	A. Correct.
16	Q. And I guess it makes sense, the state tax
17	rate applies to the sale of electricity. Can you
18	explain to me, or are you saying and I genuinely
19	don't know this, but I'm trying. That state sales
20	tax applies to payroll?
21	A. No. No, no, no. I'm saying that there's
22	sales, payroll, and property apportionment, and so
23	sales is separate, payroll is separate, property is
24	separate. So payroll, we have payroll in West
25	Virginia and we have property in West Virginia, so

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that is the reason why we included West Virginia. Because we have employees in West Virginia and we have the Mitchell Plant in West Virginia, so that's why we include them. We include sale -- we include Illinois and Michigan because of electric sales, and then Kentucky, obviously.

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Okay. And do you know -- do you know whether Q. the sales tax apply -- well, let me ask this: How does the sales tax apply to energy sales in PJM? Ιs it where the energy is sold or where the energy is produced?

I cannot answer that question, I'm sorry. 12 Α. Ιt would be -- it would probably be more for -- I'm not 13 The PJM. I don't know if that witness is 14 sure. 15Horton, Witness Horton.

Yeah, I don't know if Mr. Horton -- I think 16 0. Mr. Vaughan is used to having questions thrown at 18 him, I don't know that Mr. Horton is.

I don't -- I quess I struggle with, I'm 19 20 attempting to understand the relationship between 21 Kentucky Power Illinois & Michigan as it relates to the sales -- sale of electricity during test year, 22 particularly if the sales are going into PJM. 23 Ι 24 don't know, you know, if there is a bilateral 25 purchase or whatever, bilateral sale or direct sale

1 into PJM. I'm struggling to understand how those 2 transactions actually occur to determine whether this makes -- this makes sense. 3 So you would recommend Mr. Horton be the 4 5 person that maybe could provide that -- I guess what I'm asking is: You've given me the tax 6 7 implications, right? That's what you're testifying on? 8 9 Α. Yes, that's what I'm testifying on. I am the 10 tax expert, correct. And who gave you the information on where the 11 0. sales occur and can explain the sales? 12 Okay. Good question. We had received -- for 13 Α. the payroll, property, and sales, we get information 14 15 from our accounting department, and they designate 16 what state that the particular sales and payroll and property come from. So maybe the -- maybe the 17 witness would be Witness Whitney, then, because she 18 19 is accounting. 20 Q. Okay. 21 And, Chairman, if VICE CHAIRMAN CHANDLER: 22 you don't mind, can I ask Mr. Wolffram if counsel . may know if there's an additional witness that may 23 24 be able to answer that question? 25 CHAIRMAN SCHMITT: Sure. Mr. Wolffram, do

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1	you know
2	VICE CHAIRMAN CHANDLER: Yes, sir.
3	CHAIRMAN SCHMITT: if there is an
4	additional witness who would be able to address that
5	subject?
6	MR. WOLFFRAM: Yeah. And, you know, I know
7	we invoked his name quite a bit, but I believe
8	Company Witness Vaughan may also be able to clarify
9	some of the questions related to the PJM sales that
10	are included in the Company's cost of service.
11	VICE CHAIRMAN CHANDLER: Thank you
12	MR. WOLFFRAM: And I'll also yeah, I'll
13	also just clarify a few additional items with
14	Ms. Keaton on redirect as well. Thank you.
15	VICE CHAIRMAN CHANDLER: Okay.
16	Q. So that so I just want to make sure that
17	I'm clear, finally, that blended state tax rate,
18	when you-all are referring to that, that is not just
19	sales tax?
20	A. No. That is property and that is payroll.
21	Q. Okay. And the payroll is in West Virginia,
22	the property is in West Virginia?
23	A. Correct.
24	Q. And the sales in electricity were exclusively
25	in Illinois and Michigan or not exclusively.

Were at some point, some proportion in 1 Excuse me. 2 the test year to Illinois and Michigan? 3 Α. That is correct. Okay. And to understand those, the nexus to 4 0. 5 Illinois and Michigan, I would need to talk to 6 Ms. Whitney or Mr. Vaughan? 7 That is correct. Α. 8 And those would be the witnesses, for Q. 9 instance, that could tell me whether, beyond the test year moving forward, there may be sales in 10 those states as opposed to different states? 11 Α. Yes. 12 13 Q. Okay. Thank you, Ms. Keaton. VICE CHAIRMAN CHANDLER: That's all I have, 14 15 Chairman. 16 CHAIRMAN SCHMITT: Dr. Mathews, questions? 17 COMMISSIONER MATHEWS: I think I'm going to have to listen to the follow-up on the tax issue 18 with regards to sales tax. I understand completely 19 20 West Virginia payroll and property. I'm not sure I understand the Illinois and Michigan when it 21 22 would -- unless it is something unusual about the way Illinois and Michigan tax electricity sales. 23 So I will hold my questions for Mr. Vaughan or 24 25 Ms. Whitney.

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642 1 CHAIRMAN SCHMITT: Okay. Mr. Wolffram, 2 redirect? MR. WOLFFRAM: Thank you, Your Honor. Just a 3 couple questions. 4 5 REDIRECT EXAMINATION By Mr. Wolffram: 6 First, Ms. Keaton, I'd like to go back to a 7 0. couple questions that I believe Mr. Cook asked 8 9 regarding the Commission's approval, or lack thereof, related to the use of a blended tax rate in 10 11 Kentucky's previous proceedings. 12 Do you remember those questions? 13 Α. Yes, I do. 14 Ο. Is it your understanding that the blended tax 15 rate is -- was included in the Company's cost of service in those proceedings? 16 17 Yes, I do. Α. And the Commission approved the Company's 18 Q. 19 cost of service in those proceedings, which would have included the blended tax rate; is that correct? 20 That is correct. 21 Α. 22 Okay. I would like to move now to a couple Q. 23 quick questions that Vice Chairman Chandler 24 mentioned about the PJM sales. 25 Is it your understanding that the tax related

to -- that is incurred in both Illinois and Michigan 1 2 are related to Kentucky Power sales to PJM in those 3 states? 4 Α. Yes. 5 Q. Okay. That is correct. 6 Α. 7 And just one final clarification. The state Q. 8 tax apportionment, were those -- were the state tax 9 apportionment rates included in Kentucky Power's schedules in this case? 10 11 Yes, they were. Α. 12 MR. WOLFFRAM: I have no further questions 13 for this witness, Your Honor. Thank you. 14 CHAIRMAN SCHMITT: Thank you. 15 Ms. Keaton, you may step down. Thank you. 16 THE WITNESS: Thank you. Okay. Mr. Wolffram, I 17 CHAIRMAN SCHMITT: guess you'll need five minutes or so to clean the 18 19 witness area, correct? MR. WOLFFRAM: Well, Your Honor, I think 20 21 we've adopted an expedited process, so we're going to try it out to see -- and I will be the attorney 22 23 sponsoring Ms. Kaiser as well, so if you give us 24 just one second. 25 CHAIRMAN SCHMITT: Yes.

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1 MR. WOLFFRAM: Thank you. CHAIRMAN SCHMITT: Are you ready? Ready to 2 proceed, Mr. Wolffram? 3 MR. WOLFFRAM: Yes, Your Honor. At this time 4 5 the Company would call Witness Kimberly Kaiser to the stand, please. 6 7 CHAIRMAN SCHMITT: Ms. Kaiser, would you please raise your right hand? Do you solemnly swear 8 9 or affirm, under penalty of perjury, that the testimony you are about to give will be the truth, 10 the whole truth, and nothing but the truth? 11 THE WITNESS: I do. 12 CHAIRMAN SCHMITT: Okay. Thank you. 13 Mr. Wolffram, you may ask. 14 15 MR. WOLFFRAM: Thank you, Your Honor. 16 KIMBERLY KAISER, having been first duly sworn, testified as follows: 17 DIRECT EXAMINATION 18 By Mr. Wolffram: 19 Ms. Kaiser, will you please state your name 20 Ο. and business address for the record? 21 Yes. It's Kimberly Kaiser, 1 Riverside 22 Α. Plaza, Columbus, Ohio 43215. 23 And by whom are you employed and in what 24 0. position? 25

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American Electric Power Service Corp, and I 1 Α. 2 am the director of compensation. And did you cause to be filed in this 3 0. proceeding testimony -- direct testimony, rebuttal 4 testimony, and discovery responses? 5 Yes, I did. 6 Α. 7 Do you have any changes, modifications, or Ο. corrections to either your direct, rebuttal, or 8 9 discovery responses at this time? Yes, I have one minor change to my direct 10 Α. 11 rebuttal -- or, I'm sorry, my direct testimony. On 12page 6, line 19, the sentence should read: The AEP 13 system has exceeded the 1.0 score in eight of the last ten years. So instead of nine of the last ten 14 years, it should say eight of the last ten years. 15 Do you have any additional corrections, 16 0. modifications, or changes to your testimony or your 17 discovery responses at this time? 18 19 Α. No, I do not. Subject to the one change that you 20 Ο. referenced, if I were to ask you the same questions 21 22 that appear in the discovery responses and your testimony today, would your answers be substantially 23 24 the same? 25 Α. Yes, they would.

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And were the discovery responses and your 1 Q. testimony prepared by you or under your supervision? 2 3 Α. Yes, they were. MR. WOLFFRAM: At this time, Your Honor, the 4 witness is available for cross-examination. 5 CHAIRMAN SCHMITT: Ms. Vinsel, questions? 6 MS. VINSEL: Yes. Thank you, Chairman. 7 CROSS-EXAMINATION 8 9 By Ms. Vinsel: Good morning, Ms. Kaiser. 10 Ο. 11 Good morning. Α. In the 2017 rate case the Commission asked Q. 12 the Kentucky Power witness about contributions, 13 Kentucky Power contributions to a defined benefit 14 and defined compensation plan. At that time the 15 witness testified that Kentucky Power was not making 16 payments into both the defined comp -- defined 17 benefit and defined compensation plan, and that is 18 because the defined benefit plan had ended in 2000 19 and that benefits were frozen in 2010. 20 Are you following me so far? 21 Yes, but I don't believe I addressed any of 22 Α. 23 that in my direct or my rebuttal. No, and that's exactly why I'm going to ask 24 Q. you the next question. Is that still the case? 25

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1	A. I can't answer that question. That would be
2	a question for Witness Carlin.
3	Q. And Witness Carlin is not here today; is that
4	correct?
5	A. No, he's here. He's on the witness list.
6	Q. I'm sorry. Witness Carlin is on the witness
7	list?
8	A. He is available. He is here in the building
9	and available. He submitted data requests but did
10	not submit testimony in this case.
11	Q. Okay. So I need to ask Witness Carlin.
12	We'll get those logistics with Kentucky Power
13	counsel afterwards.
14	A. Okay.
15	Q. You can testify to the incentive plans; is
16	that correct?
17	A. That is correct.
18	Q. Okay. What we'd like to do is just walk
19	through the short-term incentive plan, the long-term
20	incentive plan, and both the funding metrics and the
21	performance metrics.
22	A. Okay.
23	Q. And to the degree you can, we wanted to
24	double-check about 2019 versus 2020, because as I
25	recall, in your testimony there was a change. So

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let's start with the short-term incentive plan. 1 2 Can you tell me what the breakout is -- for short-term incentive plan, what is the breakout for 3 the funding metrics between financial metrics and 4 nonfinancial metrics? 5 Okay. For 2019 it was 70 percent EPS, 6 Α. 20 percent strategic initiatives, and 10 -- I'm 7 sorry, 10 percent safety and compliance. And for 8 2020, it's a hundred percent EPS. 9 And when you say strategic initiative, can 10 Q. you tell me a little more about what that is? 11 Just give me a moment, please. 12 Α. Yes. Sure. 13 0. I don't seem to have a copy of the short-term 14 Α. incentive plan in front of me to give you the 15details of those. 16 That's fine. Let me ask you, I just want to 17 Ο. verify that the strategic initiative, would that --18 those would be nonfinancial or financial metrics? 19 20 Α. Those are nonfinancial. Nonfinancial. Okay. Thank you. 21 Q. So let -- now let's turn from the short-term 22 incentive plan to the performance metrics. Can you 23 give me the breakout for those in 2019?. 24 For 2019, I -- there is a table in my 25 Yes. Α.

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1 rebuttal, Table 3 --2 Q. Uh-huh. 3 -- that lays those out and all the individual Α. 4 incentives, or all the individual goals. It's --5 for 2019, it was 90 percent nonfinancial, 10 percent financial, and that is -- I don't provide a table, 6 but for 2020 it's 85 -- I'm sorry, 80 percent 7 8 financial. I'm sorry, I said that backwards. 9 80 percent nonfinancial and 20 percent financial. 10 0. Okay. 11 So it's 90 and 10 and 80 and 20. Α. Okay. Thank you. And for the long-term 12 Q. 13 incentive plan, let's start with funding. Can you give me the breakout for funding metrics, and for 14 15 2019? 16 Α. For 2019 it's 50 percent EPS, 50 percent 17 total shareholder return. And the performance metrics for the long-term 18 Ο. 19 incentive compensation? 20 Α. I'm not -- I'm not sure I understand what you 21 mean, performance metrics. It's -- the three-year 22 long-term plan, those are cumulative measures that 23 at the end of the three-year period are calculated, and then therefore, you know, the equity would be 24 whatever that amount would be based on those 25

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metrics.

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2	Q. No, I understand completely. We -wanted to
3	make sure that that was the case. So for 2020, the
4	funding for the long-term incentive plan?
5	A. Let me make sure I get it was we added
6	the ten percent metrics for nonemitting generation.
7	Let me just validate something for a second.
8	Q. Okay.
9	A. So it's the metrics for 2020 is the
10	50 percent EPS, 40 percent TSR, and then the 10
11	percent for the new nonemitting generation capacity.
12	Q. I think you've answered all the questions,
13	then, that Staff have for you.
14	MS. VINSEL: I think at the at the end,
15	Chairman, if it's acceptable to you, after all the
16	parties have had an opportunity, do you mind if I
17	consult with Mr. Wolffram to find out about
18	Mr. Carlin's availability?
19	CHAIRMAN SCHMITT: No, I think that would be
20	fine. If Mr. Carlin is available, I'm sure they
21	would submit him.
22	All right. Mr. Cook, or Attorney General's
23	office, any questions for this witness?
24	MR. COOK: Yes, thank you, Chairman.
25	* * *

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1	CROSS-EXAMINATION
2	By Mr. Cook:
3	Q. Good morning, Ms. Kaiser. Lawrence Cook on
4	behalf of the AG.
5	A. Good morning.
6	Q. I just want to Staff did get into a lot of
7	the questions that I wanted to ask, so I'm going to
8	try to piece through some of this here, just to ask
9	something to clarify, to help my understanding.
10	So if I understand correctly, both total
11	shareholder returns and earnings per share, they are
12	both financial performance metrics; isn't that
13	correct?
14	A. That's correct.
1,5	Q. Okay. And during the test year, the LTIP
16	compensation was paid in the form of both
17	performance share incentives and restrictive stock
18	units; is that correct?
19	A. That's correct.
20	Q. And the PSIs were based solely on a
21	combination of AEP's earnings per share and target
22	metrics for the total shareholder returns; isn't
23	that correct?
24	A. The performance shares, yes, they were.
25	Q. Okay. And both the earnings per share and

the total shareholder returns are measures of AEP's 1 2 financial performance; isn't that true? That's true. 3 Α. Okay. The LTIP's restrictive stock unit 4 0. incentive comp is based on the stock price of AEP at 5 the grant date; isn't that correct? 6 7 That is correct. Α. Okay. And isn't AEP's stock price a measure 8 Q. of AEP's financial performance? 9 Yes, it is, which -- I mean, it is common 10 Α. 11 with long-term incentive plans. 12 Q. Okay. And the purpose of LTIP is to incentivize AEP executives and managers to enhance 13 shareholder value; isn't that correct? 14 I don't think I would fully agree with that 15 Α. statement. It is true that that's who receives 16 long-term incentives. That is market driven. As to 17 who receives long-term incentive as part of their 18 total compensation package, the financial 19 20 performance is certainly going to be indicative of, 21 you know, meeting certain goals, and it's going to be the ultimate, you know, score, if you will, of 22 But really, the focus on that is making 23 success. long-term decisions that are around efficiencies, 24 25 savings, maintaining assets. I mean, it's not just

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about focusing on the financials of it, it's the 1 2 goals that get us there. Okay. I understand. And the incentive 3 Ο. compensation plan was implemented to reward 4 5 employees for achieving or exceeding targets for AEP's earnings per share, as well as certain 6 7 operations and safety metrics. Is that a correct statement? 8 9 Yes, that would be a correct statement. Α. Okay. And isn't it true that during the test 10 Ο. year, the Company included a total of \$5.631 million 11 12 in incentive compensation, and when broken down, that consists of 1.164 million in LTIP expense and 13 4.467 million in ICP expense? 14 15 Subject to check, those sound like the Α. correct amounts, yes. 16 I understand. Subject to check. Right. 17 Ο. And when that \$5.632 million sum is grossed 18 up for bad debt expense and regulatory fees, the 19 total becomes 5.666 million, is that correct, 20 subject to check? 21 That would not be in my area of expertise. Ι 22 Α. 23 can't answer that question. What I'd like to do now is to move on 24 Q. Okay. to ask you some questions about supplemental 25

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executive retirement program, or SERP. 1 Which employees are eligible for SERP 2 payments? 3 I cannot tell you exactly what the cutoff is, 4 Α. but it is a very small portion of the compensation. 5 Do you know how the determination is made 6 Q. 7 about who participates in SERP? Well, I guess the simple answer would be 8 Α. that, you know, the SERP is simply allowing these 9 people to -- you know, we use the same formula for 10 all employees, but what happens with a certain level 11 of compensation, you know, there's IRS limits for 12 the tax benefits, and so it is just something 13 that -- you know, that you pay on top of that, but 14 it's treating them the same as we're treating all 15 employees. It just goes beyond, you know, what the 16 defined benefit is. 17 Okay. And in your rebuttal, I believe you 18 0. stated that SERP is part of the market competitive 19 total rewards package; is that correct? 20 That's correct. 21 Α. And so based on your rebuttal in general, it 22 0. sounds like you're saying essentially that SERP 23 expense is incurred to attract, retain, and reward 24 highly-compensated employees; is that correct? 25

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That would be a correct statement, and it 1 Α. 2 would also be a correct statement for all employees 3 at AEP. And isn't it true that the interests of SERP 4 Ο. recipients are aligned more closely with 5 shareholders than are the interests of, for example, 6 a lineman, whose interests are clearly more closely 7 8 aligned with Kentucky Power ratepayers? I'm not sure I understand your question. 9 Α. Okay. Well, let me see if I can rephrase it, 10 Ο. The more highly compensated executives, they 11 then. 12 have to report to and are responsible for certain shareholder goals; isn't that correct? 13 Shareholder goals such as what? 14 Α. How the Company performs financially. 15 0. Well, it wouldn't just be limited to the SERP 16 Α. individuals, it would be anybody that participates 17 in LTIP, for example. 18 19 Okay. But employees such as linemen and ο. linewomen, they certainly don't -- aren't 20 responsible for those types of programs; isn't that 21 22 correct? That's correct. They're not responsible for, 23 Α. you know, focusing on the stock price at AEP. 24 25 Okay. So isn't it true that the Company Ο.

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could provide safe and reliable utility service 1 2 without seeking to recover SERP expense from 3 ratepayers? No, because, you know, just like with base 4 Α. pay and incentive compensation, you know, for the 5 line workers, which is their total compensation, 6 7 SERP is part of total compensation for these executives at a certain level. 8 Well, and the Company could pay all the SERP 9 Ο. it wanted to if it was a shareholder expense; isn't 10 11 that correct? 12 Α. The -- but the Company wouldn't do that. We -- like I said, we use the same formula for them 13 as we do all employees. It's not just a random 14 15 amount. Okay. So those who are eligible for SERP 16 Ο. payments also participate in and are eligible for a 17 defined benefit plan in the form of a pension; isn't 18 19 that correct? That's correct. 20 Α. And for those who are eligible for SERP, they 21 0. also are eligible to participate in a 401(k) plan; 22 23 is that correct? Yes, all employees can participate in 401(k). 24 Α. And is a portion of the 401(k) plan funded by 25 0.

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657 1 the employer? 2 Ά. Yes, it is. Okay. So SERP, if I understand correctly, 3 0. is -- it's a nongualified retirement plan for IRS 4 purposes; isn't that correct? 5 That's correct. 6 Α. 7 And SERP can be structured as either a 0. defined benefit or a defined contribution plan; 8 isn't that correct? 9 I don't really know how to answer that 10 Α. 11 question. That would also be a question that 12 Witness Carlin could answer. Okay. Do you know whether -- for AEP, 13 0. whether SERP is a defined benefit or a defined 14 15 contribution plan? No, it is not. 16 Α. Okay. So you're saying that it is -- it is 17 Q. not a defined contribution plan? 18 19 I'm sorry. I'm sorry. I was thinking Α. nonqualified. 20 21Okay. Q. So I would -- I would ask Witness Carlin 22 Α. further questions. He's really the expert on SERP. 23 Okay. I understand. Thank you. 24 Ο. So AEP files a consolidated federal tax 25

1 return on behalf of all of its operating companies, including Kentucky Power; isn't that correct? 2 I don't know. That is not in the area of 3 Α. 4 compensation. Okay. Do you know whether AEP has the 5 Q. 6 ability to deduct SERP expense as a business expense 7 when the SERP benefits are paid? 8 Α. No, I do not. Would it surprise you that -- or not, that at 9 ο. some point in time the SERP expenses are going to be 10 11 deducted? I can't answer that. 12 Α. So bottom line, executives who receive 13 Q. Okay. SERP have a salary and benefits package whose 14 monetary worth exceeds that of employees who do not 15 16 receive SERP; is that fair to say? That's fair to say, because only people that 17 Α. are qualified for SERP that would be over the IRS 18 limit would be the more highly compensated 19 20 employees. 21 0. Okay. Thank you. Mr. Chairman, that's all the 22 MR. COOK: 23 questions I have at this time. CHAIRMAN SCHMITT: Mr. Cook, do you intend 24 25 to -- along with Ms. Vinsel, would you like to ask

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Mr. Carlin to clarify some of this or not? If you 1 would, I guess at some point in time when we take a 2 break, anyone who would -- maybe you and Ms. Vinsel 3 could get on the line with Mr. Wolffram and we could 4 5 do two things: One, see when Mr. Carlin could be 6 available, and, two, give him enough information 7 about the specific issues you'd like to speak with 8 him about so that he would have time to prepare. Okay? If you would. 9 10 MR. COOK: Yes. That's fine. Thank you. 11 CHAIRMAN SCHMITT: All right. Mr. --MS. VINSEL: Chairman --12 13 CHAIRMAN SCHMITT: -- Kurtz, your 14 cross-examination? MR. WOLFFRAM: Your Honor -- Your Honor, 15 before we -- if I may, before Mr. Kurtz asks any 16 17 questions, Mr. Carlin is available. He's in the room and he has been watching the proceedings, so he 18 19 is here. CHAIRMAN SCHMITT: Okay. Well, we'll -- I 20 don't know, maybe somebody would want to put him on 21 22 I'll leave that up to counsel. next. 23 MS. VINSEL: Chairman. 24 CHAIRMAN SCHMITT: Yes. MS. VINSEL: I want to make sure that none of 25

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the other parties are objecting to this. There may 1 be a potential objection to have -- calling 2 Mr. Carlin. I want to make sure that --3 4 CHAIRMAN SCHMITT: Okay. 5 MS. VINSEL: -- counsel is given the 6 opportunity. CHAIRMAN SCHMITT: When you say someone, one 7 of the other parties may object. All right. Well, 8 9 let's see. There's Ms. Grundmann. MS. VINSEL: Yes. 10 MS. GRUNDMANN: Your Honor, I guess I have 11 more of a procedural question that maybe you could 12 weigh in on. This is obviously not a subject that 13 Walmart addressed in any of its testimony, but the 14 Commission did ask the Company to file its witness 15 order with the Commission in advance of the hearing, 16 and although there are a great number of witnesses 17 there, Mr. Carlin is not among them. 18 And so I just guess my question: Obviously 19 the Company has the ability to make its case as it 20 21 sees fit, and it didn't see fit to name Mr. Carlin, so I guess I'm just curious about the 22 appropriatenéss of identifying him at this late date 23 for certain subjects that they haven't named a 24 witness who is able to answer questions on a given 25

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subject for which they are seeking rate relief from Kentucky ratepayers.

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CHAIRMAN SCHMITT: I think you make a good point. Unless parties to the existing -- to the proceeding, if someone says, well, there's another witness and we'd like an opportunity to examine some details about the witness of another -- about another witness who apparently is unable to testify, so I can understand your point.

1.0 I guess the guestion is, I thought that the previous witness, Ms. Keaton, may have said that 11 Mr. Carlin provided information but didn't sign the 12 responses to data requests. So I don't know what he 13 did or what he didn't do. But you make a good 1415 point, but this is a regulatory proceeding, and if there's some issue -- I quess you say why would you 16 want to help the Company make its case? I don't 17 know if that's what we're doing or not, if that's 18 what counsel intends to do, but you're correct, he 19 wasn't on the witness list, and probably, if there 20 21 was a strong objection, we would sustain that 22 objection.

23 MS. GRUNDMANN: Your Honor, I can't claim to 24 have a strong objection. I think what I would 25 request for future proceedings is that the Company

be better prepared with its witness list. To the extent, for example, that it has an individual sign discovery requests, it's quite possible that that individual should have been named as a witness for purposes of these proceedings since I'm not sure how they can authenticate those discovery requests absent that individual taking the stand.

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So I just think it would be more helpful for the parties to plan cross and questions upon a variety of subjects if, you know, we had an accurate list of who was going to testify to which subjects. CHAIRMAN SCHMITT: I --

MR. WOLFFRAM: Your Honor, can I --

14 CHAIRMAN SCHMITT: I would agree a hundred 15 percent. I don't know if you've been in any of 16 these other rate cases involving electric utilities, 17 but there seems to be a problem along those lines, 18 because we -- it's not uncommon for something like 19 this, unfortunately, to occur.

Does anyone, any of other counsel have any opinion, expression, or objection to Mr. Carlin being asked questions about the subjects, at least -- or any other subject anyone else might want to bring up who later may conduct a cross-examination of this witness or of Ms. Keaton?

Anyone else have any thoughts or objections on 1 2 Carlin? MR. WOLFFRAM: Your Honor, this is -- this is 3 Tanner Wolffram from the Company. We would respond, 4 but it would be appropriate for us to respond after 5 the --6 CHAIRMAN SCHMITT: Yeah, yeah. Let's hear 7 what everybody else -- anybody else who has a 8 9 question. 10 Mr. Kurtz, do yoù have any thoughts? MR. KURTZ: We don't have any objection at 11 If Staff wants more information for the 12 all. record, I think it's a good idea to put him on. 13 Same with the Attorney General. But we have no 14 questions for this witness or for the supplemental 1516 witness. 17 CHAIRMAN SCHMITT: Mr. Spenard, Mr. FitzGerald, any questions? 18 MR. SPENARD: Good morning, Mr. Chairman. 19 KSIA has no objections to Staff or the other parties 20 questioning the witness, that they -- that they --21 22 the Carlin that they propose to bring in. CHAIRMAN SCHMITT: Okay. Mr. Frye, 23 Mr. Miller, any objection to Mr. Carlin being 24 brought in and asked questions? I suppose -- I 25

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guess he could go a little beyond the questions that 1 have been asked, but I think it ought to be limited 2 to what -- to the issues raised at least during the 3 initial cross-examination. 4 MR. MILLER: Your Honor, Sierra Club has no 5 6 objections to that. 7 CHAIRMAN SCHMITT: Mr. Frye? SWVA takes no position on this and 8 MR. FRYE: has no objection, Your Honor. 9 10 CHAIRMAN SCHMITT: All right. MS. GRUNDMANN: And just to be clear, Your 11 Honor, I don't know that I need to launch into a 12 formal objection, I just want it to be clear for the 13 record that I thought it was amusing to me that 14 Mr. Carlin was invoked as the appropriate witness to 15 testify to a large number of subjects but hadn't 16 been identified as a witness on the Company's list. 17 And as we're only halfway through the Company's 1.8 list, I just have concerns to the extent that that 19 arises in the context of other subjects moving 20 21 forward. CHAIRMAN SCHMITT: I understand your concern, 22 and I -- as an old practicing lawyer myself, I 23 under -- believe me, I understand. 24 VICE CHAIRMAN CHANDLER: Chairman, can I 25

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ask -- can I ask a question of Mr. Wolffram? Is there anyone else that answered a data request or that was a data request respondent that is not included in the Company's witness list?

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MR. WOLFFRAM: Yeah, Mr. Jason Cash did sponsor some data responses, but he has been excused. Mr. Carlin has been made available for the Commission's request to have any witness that's sponsored a data request. He is -- he has been involved in the proceeding and has been made available, and he did sponsor and verify responses, data responses to SERP-related questions, which is, you know, what the subject of his -- or Ms. Kaiser's deferral to Mr. Carlin would be.

15 So again, per the Commission's order, the 16 Company has made Mr. Carlin available. The Company 17 just did not anticipate calling Mr. Carlin as a 18 witness for this case.

19 CHAIRMAN SCHMITT: Now let's continue with 20 the cross-examination of this witness, and then 21 we'll see when Mr. Carlin, and perhaps the -- the 22 other witness, if something comes up that's within 23 the area of his knowledge or expertise, might be 24 called.

Mr. Kurtz, do you have cross-examination?

MR. KURTZ: Chairman, no, I do not. Thank 1 2 you, sir. CHAIRMAN SCHMITT: Okay. Ms. Grundmann, 3 cross-examination? 4 MS. GRUNDMANN: No cross-examination, Your 5 6 Honor. CHAIRMAN SCHMITT: Mr. Spenard, Mr. Strobo, 7 8 questions? MR. SPENARD: No questions, Mr. Chairman. 9 CHAIRMAN SCHMITT: Mr. FitzGerald, I can 10 anticipate your response, but I need to ask anyway. 11 MR. FITZGERALD: Mr. Chairman, no questions, 12 but I wanted to clarify the -- Mr. Cash was --13 answered a data request for my clients, and I had 14 raised the issue of the fact that he wasn't on the 15 witness list. I was assured that the other person 16 who answered the same question would be able to 17 answer any questions on that data request, so that 18 was the reason he -- we didn't insist on Mr. Cash 19 20 being here. CHAIRMAN SCHMITT: Okay. All right. Thank 21 22 you. Mr. Miller? 23 Thank MR. MILLER: No questions, Your Honor. 24 25 you.

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CHAIRMAN SCHMITT: Mr. Frye? 1 2 MR. FRYE: No questions, Your Honor. CHAIRMAN SCHMITT: Vice Chairman Chandler? 3 VICE CHAIRMAN CHANDLER: Yes. Thank you, 4 5 Chairman. FXAMINATION 6 By Vice Chairman Chandler: 7 Good morning, still, Ms. Kaiser. Just a 8 0. couple quick questions on the -- is it the ICP, is 9 that the -- the correct term for one of the plans? 10 Yes, that's our short-term plan. 11 Α. And under the short-term plan, the 2020 12 Ο. metrics were -- the funding metric was moved to 13 100 percent EPS from a previous funding metric in 14 2019 of 10 percent safety, 20 percent strategic 15 initiatives, and 70 percent EPS; is that right? 16 That's correct. That change was made in May. 17 Α. You know, we were initially going with the same 1.8 70/20/10 split. That adjustment was made in May due 19 to the economic uncertainty that we're all facing. 20 Okay. And who participates in the ICP? 210. All of our employees participate in ICP. 22 Α. Okay. So with the -- with the, what we're 23 Q. calling performance measures -- if I call them 24 performance measures, you'll know what I'm referring 25

to, that Table 3 that's in your rebuttal testimony?
A. Yes.

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Okay. So if, as Mr. Cook said a second ago, 3 Ο. a lineman or, you know, a customer service 4 representative in any portion of Kentucky Power's 5 operations in 2020 did their absolute best to hit or 6 7 to help the Company hit all of these different performance metrics and the management of AEP was 8 unable to hit the EPS metrics laid out for the 9 funding mechanism, what happens to the payouts to 10 those employees who did their utmost and maybe hit 11 every single one of the performance measures? 12 What 13 happens?

So the way it works, you know, the E -- you 14 Α. know, a hundred -- so a hundred percent EPS for 15 2020, that is going to be the funding mechanism for 16 the entire company, then each business unit has 17 their own scorecard. For example, Table 3 is the 18 operating company's scorecard, and that's what the 19 payouts for the Kentucky Power employees, for 20 example, would be based on. 21

22 So, you know, there's the funding mechanism 23 which is then disbursed to the business units based 24 on all of their performance relative to each other, 25 but if the EPS -- so if the goal was hit, we could

still pay out a portion. It wouldn't be a hundred percent funding, but it could still pay out a portion as long as we hit the threshold for EPS. Q. Okay. Yeah, but my -- the scenario I asked assumes that management was unable to hit the EPS threshold. If the Kentucky Power operating customer -- or the Kentucky Power operating company from Mr. Mattison down hit every single one of the performance measures and the EPS threshold for funding was not met, what do they get paid in terms of the ICP? A. There would be no payouts for anyone in the company in that scenario.

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There would be no payout. Would you agree 14 Ο. that if -- similar scenario. Would you agree that 15if Kentucky Power's assumed test year amount of the 16 incentive compensation plan payment was included and 17 recovered from customers and rates and management 18 was unable to meet the EPS thresholds for the 19 funding, that that would be a recovery of an expense 20 that the Company never actually incurs and pays out? 21 Yes. Just one moment, please. Yes, that 22 Α. would be true, but as I pointed out at the beginning 23 with my correction, that has only happened twice in 24 25 the last ten years.

Okay. And I think the correction was -- I 1 Q. just want to make sure I'm -- I didn't get a chance 2 to write it down, but it was eight of the last ten 3 years that threshold has been met? 4 5 I'm sorry. That what goal was met? Α. That eight of the last ten years that EPS or 6 0. 7 the funding threshold was met; is that what your corrected testimony indicated? 8 9 No, my corrected testimony --Α. That eight --10 Ο. Not --11 Α. Sorry. Go ahead. Go ahead. 12 Q. Not to be -- not -- well, the -- it was eight 13 Α. of the last ten years we paid out at over 1.0. 14 1.0. So the funding was in excess and the 15 Ο. 16 payment was in excess? 17 In those eight years? Α. Okay. Yes. 18 0. Yes, sir. 19 Α. 20 Q. Okay. 21 Α. Yes. And I guess I'm -- I want to make sure I 22 Ο. understand your rebuttal, is that it's your 23 testimony that because the Commission has previously 24 said that the focus, I think you quote that you --25

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ou remember quoting the 2014 order on the ing versus performance measures? Yes, I do. Okay. And so that applies at least in onse to your rebuttal, that applied you
Yes, I do. Okay. And so that applies at least in onse to your rebuttal, that applied you
Okay. And so that applies at least in onse to your rebuttal, that applied you
onse to your rebuttal, that applied you
ind that to the TCD wight?
ied that to the ICP, right?
That's correct. From 2014, the recovery was
nonfinancial, which was 85 percent
Okay.
for ICP.
Okay. And why should that not apply to the
?
I'm sorry. Why should what not apply to the
?
Well, so if the LTIP funding and
ormance is effectively the same thing in the
, right? There is no distinction between a
ing mechanism and a performance mechanism; is
thát's my understanding; is that correct?
That's correct. You could say that.
Okay. Okay. And so if whether it gets
out or not, the performance measure is the
s for the recovery of the ICP, or is it your
s for the recovery of the what is it, the
me make sure I get this right your Table 3

here of 90 percent of the ICP, right, 1 2 nonperformance -- nonfinancial performance metrics. 3 That's your testimony, right? 4 Α. That's correct. If that's the basis is the Commission's 2014 5 Ο. order, are you taking the position that the 20 --6 the language in the 2014 order shouldn't apply to 7 the long-term incentive plan? 8 Well, the Company's position would be, you 9 Α. know, a hundred percent recovery of the expenses 10 that we incurred for the labor costs. I was 11 pointing out that in 2014 there was agreement. You 12 13 know, we don't focus on the EPS funding measure, but that the Commission agreed that the -- or at least 14 for ICP, that 85 percent that wasn't tied to 15 financial would be allowed. 16 So going back to ICP, are you-all 17 Ο. Okay. proposing a hundred percent recovery or proposing it 18 in accordance with the 2014 Commission order? 19 20 We are supporting a hundred percent recovery. Α. So you used the order as a way to -- as a way 21 Q. to defend against the portion related to denying it 22 based on funding, but then the second part of the 23 Commission order where it denied it on performance, 24 25 you're just not proposing that? You're proposing to

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ignore that second half of the Commission's order? 1 I wouldn't say I am proposing to ignore it. 2 Α. I was pointing out that, you know, we're very 3 deliberate about figuring out what market 4 competitive, that dollar amount means. 5 Oh, excuse me. Excuse me, Ms. Kaiser. Do 6 0. you mind repeating that answer? You cut out. For 7 the benefit of the court reporter. 8 Sure. I'm sorry. Yeah, we're very 9 Α. deliberate about figuring out what it means to be 10 market competitive and what dollar amount goes with 11 that amount. And as I said, that includes base pay 12 and incentive pay, both in the forms of short-term 13 and long-term. And the logical thing to do would be 14 recover a hundred percent of our targeted expense, 15 which would be a hundred percent recovery. 16 Just pointing out, though, in my testimony 17 that the Commission did agree, because the focus on 18 the intervenor testimony was on the financial versus 19

20 nonfinancial. So just pointing out that at least, 21 you know, the Commission in the 2014 case agreed 22 with the nonfinancial performance measures. And 23 then I know in the 2017 case it was reduced by a 24 portion, but it was part of a settlement, and that 25 shouldn't necessarily be the precedent either.

Okay. So you're asking, effectively, for the 1 0. 2 Commission to overturn their precedent in the 2014 3 case, but only as it relates to the performance 4 measures? 5 Α. No, I'm not asking that they overturn 6 anything. 7 Okay. But the Commission in the 2014 case 0. said specifically that it should be the financial 8 performance -- that the financial performance 9 measures should be excluded for ratemaking, correct? 10 That is -- that is what the order in the 2014 11 Ά. 12 case said, yes. 13 Okay. And you-all are proposing to recover Q. 100 percent, correct? 14 15 The -- that is correct. Ά. Okay. I'm just curious about the change in 16'Q, the -- we'll call it funding and performance 17 measures, since we sort of agreed that they're 18 19the -- they're one and the same in the LTIP. 20 The change from 2019, where it was 50 percent EPS and 50 percent total shareholder return, and now 21 in 2020 it's 50 percent EPS, 10 percent nonemitting 22 generation, and 40 percent TSR. 23 24 Do you remember that? Yes, that's correct. That's for the 25 Α.

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performance shares. 1 What is this nonemitting generation 2 Q. 3 performance measure? Well, I'm certainly not an expert on it, but 4 Α. what it is is a -- it's where, you know, the -- I 5 mean clean energy. It is the portion of our 6 generation assets that would be solar, hydro, the 7 8 clean energy. Okay. Who -- can Mr. Carlin speak to that 9 Q. 10 more directly? Mr. Carlin can certainly speak to that. 11 Α. Okay. Do you know who the best person to 12 0. talk to about the basis or how that -- how that 13 metric is measured? Are you the best witness for 14 15that? No, I would not be the best witness for that. 16 Α. 17 Q. Do you --That would also be Mr. Carlin. 1.8 Α. 19 Mr. Carlin. Okay. Ο. And you were asked a question earlier about 20 the 20 percent in 2019, the funding mechanism for 21 the ICP that is strategic initiatives. I remember 22 your response was something like you didn't have 23 that plan in front of you, but -- and that's okay, 24 you don't have to have it in front of you. All I'm 25

going to ask -- all I'm going to ask you is: Ιs 1 that plan in the record? 2 Yes, it is. It was a data request. 3 Α. It was a data request response. Do you by 4 0. any chance know in response to which party? It's a 5 6 pretty big record. It -- well, the request is AG KIUC 7 Α. Yes. 1-25. 8 1-25. And that would explain what the 9 Q. strategic initiatives are and how they're -- how 10 they're funded, how it's met, how that metric would 11 be met in 2019? 12 13 Yes. Α. Okay. And finally, and if there's another 14 Q. witness that is better to answer this, please --15 please let me know. Do you -- can you provide more 16 color around why the Company in midyear of 2020 17 changed the funding mechanism for the ICP to 18 100 percent EPS and took out 10 percent safety? 19 So, you know, that was -- you know, 20 Α. Yes. after the pandemic hit, the discussion was that we 21 have to make sure that we are focusing on 22 operational efficiencies, cost reductions, and that 23 in these -- you know, and the word has been 24 25 overused, but in these unprecedented times, we have

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to make sure that AEP is financially healthy enough before any payouts are made, regardless of anything else that happens.

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What happened to the rest of the goals that make up the other, you know, 20 and 10 percent, those are still being measured as planned. You know, as far as targets were set, we're keeping track of those measures, and they will be used as discretionary adjustments, if needed, either positively or negatively, based on, you know, how the Company is still performing against those strategic goals in safety and compliance.

But if the EPS measure is not met, with 13 everything that's going on, it doesn't make sense 14 to, you know, necessarily say that we're going to be 15 obligated to make payouts if it doesn't make sense. 16 Well, let me ask on that. If the folks at 17 Ο. Kentucky Power that are the CSRs and the linemen and 18 the meter readers and everybody else are continuing 19 20 to do their job safely and are continuing to hit the performance measures for proactive safety 21 performance, culture action plans, saving, work 22 plans customized by operation company, if they're 23 continuing to do those things, if we're talking 24 about an overall compensation package and a fair 25

678 compensation package, then why, regardless of 1 whether AEP doesn't meet their EPS in a 100-year 2 pandemic, do those people deserve not to be paid out 3 those amounts? 4 Well, it's because it's a part of the 5 Α. corporate plan. You know, Kentucky Power doesn't 6 just operate independently and fund their own 7 8 plan --So let me ask this --9 Ο. -- but --10 Α. -- are the plans on a calendar-year basis, or 11 Q. is there a separate fiscal year that they run? 12 No, the short-term plan is on a calendar-year 13 Α. 14 basis. So in May of the calendar-year basis, the --15 0. AEP decided to change the funding mechanism for all 16 customer short-term incentive plans? 17 Yes, that's -- that is correct, for the 18 Α. funding for the short-term incentive plans for 19 20 everyone. 21 Q. Okay. VICE CHAIRMAN CHANDLER: All right. Thank 22 you very much, Ms. Kaiser. 23 CHAIRMAN SCHMITT: Dr. Mathews, questions? 24 COMMISSIONER MATHEWS: I don't have any. 25

679 CHAIRMAN SCHMITT: Mr. Wolffram, any 1 2 redirect? MR. WOLFFRAM: Thank you, Your Honor. Just a 3 few questions. 4 REDIRECT EXAMINATION 5 6 By Mr. Wolffram: Ms. Kaiser, I'd like to take you back. There 7 Ο. was some discussion regarding the Company's payout, 8 and I believe it was Vice Chairman that was asking 9 in years that the Company did not -- or the earnings 10 per share goal was not met in two of the ten years 11 that you provided in your testimony. 12 Do you remember that discussion? 13 Yes, I do. Α. 14 Is it your understanding that in the years 15 0. that the EPS target was not funded, or completely 16 funded through EPS, that the short-term incentive 17 was funded to the 1.0 target by shareholder funds? 18 I'm sorry. Could you -- could you repeat the 19 Α. question? 20 Sure. So we established that there were two 21 О. years within that ten-year period that the 1.0 22 target for STI was not -- or the EPS funding target 23 24 was not met, correct? Correct. Α. 25

And so in those two years, isn't it true --1 0. or is it true that the remaining 1.0 target, up to 2 the 1.0 target, was funded by shareholder dollars? 3 Well, the -- I mean, the -- let me find the 4 Α. One second here. I mean, the payouts in 5 table. 2011 were 97.8 percent, and 92 percent in 2017. So 6 that was -- that was the expense those years. 7 And at least some of that was 8 Right. Ο. contributed by shareholder funds, correct? 9 Correct. 10 Ά. If I could take you back, there was -- and I 11 Ο. know that Mr. Carlin is going to talk a little bit 12 about SERP expense, it sounds like, later, but there 13 was some discussion, I believe with Mr. Cook, about 14the SERP expense being tied to, quote, unquote, 1.5highly compensated members of the Company. 16 Do you remember that discussion? 17 Yes, I do. 18 Α. Is the SERP expense in addition to or above 19 0. what I'll call market competitive incentive or 20 employee compensation? 21 Not for those individuals, no. 22 Α. And that is based on -- and could you just 23 Ο. expand on that a little bit and explain why it's not 24 in addition to market competitive pay for those 25

individuals?

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	Individuals.
2	A. Sure. As I mentioned before, you know, we do
3	multiple surveys. We have outside consultants that
4	we work with to determine what market competitive
5	pay looks like for all of our employees, and we use
6	that information to determine what total
7	compensation packages should look like for each
8	employee, including these highly compensated
9	individuals.
10	Q. And finally, just one more line of
11	questioning. You had a conversation with the Vice
12	Chairman about the sorry. Let me let me go
13	back just a quick second. Okay. About the funding
14	mechanism versus the performance metric payout of
15	STI. Do you remember that conversation?
16	A. Yes, I do.
17	Q. And in that discussion, there was discussion
18	about the 20 the Company's 2014 rate case and the
19	order in that case.
20	Do you remember that discussion?
21	A. Yes, I do.
22	Q. And it's your understanding that the order as
23	it relates to STI only was where the distinction was
24	drawn between the performance metric versus the
25	funding mechanism of the STI specifically, correct?

1 Correct. Α. And it's your understanding that the LTIP 2 0. expense in that case was -- or let me ask you: Do 3 you -- are you aware -- or what is your 4 understanding of the -- how the LTIP expense was 5 treated in that case? Was it excluded or included, 6 7 if you know? In 2014? 8 Α. Yes, ma'am. 9 Q. It was excluded. 10 Α. MR. WOLFFRAM: I have no further questions 11 for this witness, Your Honor. 12 CHAIRMAN SCHMITT: It's probably time for us 13 to take the morning break. 14 Mr. Wolffram, will you be presenting 15 Mr. Carlin, or will that be another attorney? 16 MR. WOLFFRAM: I will be the attorney 17 presenting Mr. Carlin, yes. 18 CHAIRMAN SCHMITT: Okay. If Mr. Carlin is 19 available, would he -- if we take a 10-, 15-minute 20 break, would Mr. Carlin be available as soon as we 21 come back off that break? 22 MR. WOLFFRAM: Yes, Your Honor. 23 CHAIRMAN SCHMITT: All right. So let's take 24 a break now until 20 minutes until 11:00, that's 25

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15 minutes, at which time Mr. Carlin will be 1 presented for cross-examination. And then when we 2 get through with him, we can go back to the regular 3 order, which I quess would be what, Mr. Bishop? 4 MR. WOLFFRAM: That's correct, Your Honor. 5 6 Thank you. CHAIRMAN SCHMITT: All right. We'll be in 7 recess until 20 minutes until 11:00 o'clock. 8 (Recess from 10:25 a.m. to 10:42 a.m.) 9 MS. SACRE: We are on, Chairman. 10 CHAIRMAN SCHMITT: Okay. We're back on the 11 record. Is everyone -- counsel for all the parties 12 here? Can you tell, Candace, is everybody is there? 13 MS. SACRE: Kentucky Power is present. Ιt 14 looks like Mr. Carlin and Mr. Wolffram, is all -- is 15 all that --16 CHAIRMAN SCHMITT: Mr. Wolffram --17 MS. SACRE: -- I seem to see. 18 CHAIRMAN SCHMITT: -- can you hear me? 19 MS. SACRE: They can hear us. I think 20 everybody has to populate first, the airwaves calm 21 The airwaves are jammed. 22 down. CHAIRMAN SCHMITT: COVID's attacked our 23 system is what's --24 MS. SACRE: There's one. I think when 25

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everybody gets on probably. Vice Chairman, we still need him.

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CHAIRMAN SCHMITT: Yeah, I guess our screen is limited, you -- but you know everybody who's on even if they're not on the video, correct? Somebody knows that, I don't.

MS. SACRE: Oh, I don't know that. I don't know that, other than the list I have written down that they're supposed to be here. I guess people are having a hard time getting on because we're missing everybody.

CHAIRMAN SCHMITT: Do you have an idea, Nancy, what the situation is here? Is it just people haven't gotten back yet or --

MS. VINSEL: I can't -- I can't tell what it is, but I can go check with Anthony.

17 CHAIRMAN SCHMITT: That would probably be18 best.

MS. VINSEL: I'll do that. I'll be right
back.
PSC PERSONNEL: I'll do it.

MS. VINSEL: Thank you, Stephanie.

23 MS. SACRE: We're not getting everybody on 24 the screen, Anthony.

MS. VINSEL: They -- they -- well --

CHAIRMAN SCHMITT: Do we know if everybody is 1 2 on or off or --MS. VINSEL: We'll know from the control room 3 in the back. And Stephanie has gone to check on 4 5 that for us. 6 MS. SACRE: He says we're on, it's just 7 taking everyone --CHAIRMAN SCHMITT: Are all of the attorneys 8 now back -- back on? Can you hear? All right. 9 We're not always sure, so that's why we were 10 11 checking. Mr. Wolffram, are you ready to -- ready to 12 13 introduce Mr. Carlin? MR. WOLFFRAM: Yes. Your Honor. At this 14 time the Company calls Andy Carlin to the stand. 15 CHAIRMAN SCHMITT: Okay. Mr. Carlin, will 16 you please raise your right hand? Do you solemnly 17 swear or affirm, under penalty of perjury, that the 18 testimony you are about to give will be the truth, 19 the whole truth, and nothing but the truth? 20 THE WITNESS: T do. 21 CHAIRMAN SCHMITT: Okay. Please be seated. 22 Mr. Wolffram, I think how we ought to proceed 23 here is beginning with Ms. Vinsel, Staff Counsel, to 24 let her question Mr. Carlin, and then we'll go down 25

the list. And then if there's anything you need to 1 clarify or clear up, you can do that at the end. Ιs 2 3 that okay? MR. WOLFFRAM: Yes, Your Honor. Thank you 4 5 very much. CHAIRMAN SCHMITT: All right. 6 Ms. Vinsel, questions of Mr. Carlin? 7 MS. VINSEL: Yes. Thank you, Mr. Chairman. 8 ANDREW R. CARLIN, having been first duly 9 sworn, testified as follows: 10 CROSS-EXAMINATION 11 12 By Ms. Vinsel: Good morning, Mr. Carlin. I'm going to have 13 Ο. a data request brought up first. 14 MS. VINSEL: Zach, can I ask you to bring up 15 the PSC's fourth data request? This is -- to help 16 you, this is document number 104 in the hearing 17 documents. 18 And just to explain to all the parties, when 19 I refer to something as a document number, that's 20 simply for internal Commission use to identify 21 22 documents. While Zach is bringing this up, I'll point 23 out that this is Kentucky Power's response to 24 Commission Staff's fourth request for information, 25

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1	item 10, which asks to explain here it is.
2	Zach, can you go to data request 10? It is
3	PDF pagination 197. Thank you, Zach.
4	Q. Mr. Carlin, in this data request we asked
5	about whether Kentucky Power provides a retirement
6	and a security plan in tandem with the 401(k) plan,
7	and as you can see, this response was sponsored by
8	you and by Ms. Kaiser, but she was unable to speak
9	to the underlying question, and that is simply this:
10	I believe it was in the 2017 rate case, I believe
11	it was you that testified that Kentucky Power had
12	locked and frozen its defined benefit program.
13	Do you recall that?
14	A. It locked and frozen its original defined
15	benefit program. We still have a cash balance
16	program that will eventually grow to supersede the
17	value of the original final average pay formula
18	defined benefit plan. And so we are still providing
19	both a retirement savings plan benefit, a defined
20	contribution plan, and a defined benefit plan going
21	forward for the foreseeable future.
22	Q. And I is it the case that Kentucky Power
23	is providing matching funds to employees on both
24	plans?
25	A. The 401(k) contributions are matching. The

defined benefit contributions are entirely the 1 Company's, there's no employee contribution. 2 As you probably recall, over the past several 3 Q. years the Commission has made adjustments for cases 4 when a utility is providing -- or paying for both a 5 6 defined benefit and a defined compensation plan. I do recall that some adjustments were made, 7 Α. but not in the Company's case, because we were able 8 to show that in combination, they provide market 9 competitive benefits to employees, where you -- you 10 know, and we provided some testimony to that in this 11 case as well. 12 The -- these two plans were designed 13 together. And I'm going to use the analogy I used 14 in the 2017 case. They were designed together to 15 provide a market competitive benefit, but with two 16 components. In other words, this is the -- this is 17 the same size -- this is an ice cream analogy --18 same size cup or cone, but instead of chocolate or 19 vanilla, we've got a swirl of the two kinds of 20 flavors, but the same size ice cream, which is the 21 22 market competitive size. I think what we're -- what Staff will do is 23 Q.

23 Q. I think what we le -- what Stall will do is 24 probably submit post-hearing data requests to ask 25 additional clarifying information. I will point

out, to reiterate what one of our former Commissioners had made the point that I think is particularly appropriate with Kentucky Power, and this is why I really want to get to the bottom of this, and that is: For a lot of the ratepayers, they barely have one retirement program. The Commission, over the past few years, has made sure that ratepayers are not paying for a utility to provide -- again, that -- I don't want to use the word "double-dipping," but that is what comes to mind right now.

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So I think in our post-hearing data requests 12 we will ask some questions to clarify these. 13 Well, so -- and that's fine. We'll respond 14 Α. to any post-hearing data requests. The point, 15 though, is that they -- these benefits are market 16 competitive in total, and they were designed that 17 way, and they remain market competitive in total. 18 It's not so much whether you have one, two, or five 19plans, it's what each of those plans provides 20 towards a market competitive post-retirement benefit 21 package and how that compares to the market for that 22 type of stuff. And ours compares quite well. It's 23 right near the middle. 24

Q. I appreciate that. I think we may be talking

past each other and it's probably not productive to 1 continue at this point with my questions. 2 MS. VINSEL: So Staff will have -- we'll just 3 follow up with post-hearing data requests. 4 CHAIRMAN SCHMITT: All right. For the 5 Attorney General's office, Mr. Cook, do you have 6 7 questions? Thank you very MR. COOK: Yes, Chairman. 8 much. 9 CROSS-EXAMINATION 10 11 By Mr. Cook: Good morning, Mr. Carlin. 12 Ο. Good morning. 13 Α. I have just a couple questions for you. So 14 Q. using your analogy of the swirl, isn't it true that 15 essentially SERP is a third swirl? 16 SERP is part of, you know, either the 17 No. Α. chocolate or vanilla, take your pick, but it's the 18 same formula. In the Company's plan, anyway, it's 19 the exact same formula that we provided to other 20 employees as a percentage of their pay as the 21 underlying qualified plan, it's just an amount that 22 exceeds an arbitrary IRS limit. 23 And isn't it true that, in essence, AEP can 24Q. have ten swirls, if it chose to, as long as it 25

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follows whatever the Commission guidelines are for 1 what ratepayers pay for? Isn't that correct? 2 Well, I suppose if we didn't follow the 3 Α. Commission guidelines and they disallow the expense, 4 but we could have as many different varieties as we 5 wanted. But the real important point, again, is 6 that we've designed our benefit program to be market 7 competitive in total, and that's what we've got. 8 Is SERP a nonqualified retirement plan for 9 0. 10 IRS purposes? 11 Α. It is. Okay. And again, for IRS purposes, SERP can 12 Q. be structured, hypothetically, as either a defined 13 benefit or a defined contribution plan; isn't that 14 15 correct? We -- so I would say nonqualified plans can 16 Α. be structured that -- to be either. SERP typically 17 refers to a defined benefit plan rather than a 18 savings-type program. But that's our parlance. Ι'm 19 not a hundred percent sure how everybody else thinks 20 about it. 21 I understand. So if I understand correctly, 22 Ο. then, for AEP, and by extension Kentucky Power, SERP 23 is essentially a defined benefit plan; is that true? 24 SERP is -- exactly, that when we use the term 25 Α.

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"SERP," we think of it as the excess portion of our 1 defined benefit pension plan which has those two 2 formulas I was referring to earlier, the frozen and 3 locked final average pay formula, which is still in 4 existence but it's frozen and locked, and the cash 5 balance version of the defined benefit pension, 6 which is the one that's going forward. 7 8 0. Okay. Thank you. And AEP files a consolidated federal tax 9 10 return on behalf of all the operating companies, including Kentucky Power; isn't that correct? 11 I'm not in the tax department, but I do 12 Α. believe that's correct. 13 Okay. And isn't it true that AEP has the 14 Q. ability to deduct SERP expense as a business expense 15 when the SERP benefits are paid? 16 17 Correct. Α. 18Q. Okay. Mr. Chairman, I believe that's all 19 MR. COOK: the questions I have at this time. 20 CHAIRMAN SCHMITT: Mr. Kurtz? 21 MR. KURTZ: Thank you, Your Honor. 22 CROSS-EXAMINATION 23 24 By Mr. Kurtz: Mr. Carlin, good morning. Vice Chairman 25 0.

Chandler was asking questions earlier about a ten percent clean energy metric with respect to these plans. Are you familiar with that?

A. Iam.

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Q. What is it?

All right. Well, it's a metric in our 6 Α. long-term incentive plan that has a ten percent 7 weight, as you mentioned, for nonemitting generating 8 capacity. And what it is is a measure of the 9 percentage of our total AEP capacity that is from a 10 nonemitting source. So that would include wind, 11 solar, hydro, nuclear, energy efficiency programs, 12 demand management programs, and it includes both 13 14 owned and PPA capacity.

And so we compare what percentage of our 15 capacity is in those categories as opposed to fossil 16 Sort of at the beginning of the period, we 17 fuels. had -- we had a percentage. Let's just take a round 18 number. Say 28. And then there's a threshold 19 target, a MAC, over the three-year long-term 20 21 incentive period that -- let's say 30, 31, and 32. So as we improve the percentage of the Company's 22 capacity that's from a nonemitting source, we do 23 better against that goal. 24

Q. How long has that been part of the plan?

A. Less than a year.

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Q. Okay. So I know you don't IRP. You don't do the IRP part for the Company, but it sounds like there's a financial incentive for Kentucky Power or any of the AEP companies to get approval to do solar self-build or solar PPAs as opposed to a fossil fuel solution.

A. Well, there is, but remember, these things are -- change slowly, A. B, we do have the ability to work with our Commission to get those into the IRP, and we also have a competitive business. We are counting the renewables from our competitive business in this measure. So there's a lot of different factors, and I forgot one big one, which is, as we close plants, either early or on schedule, in accordance with the IRP, those count too. So that reduces the fossil capacity if we close a coal plant.

19 So there's a lot of factors in here, and we 20 took most of those factors into account in setting 21 the goal, and what it does -- and the whole point is 22 to encourage the Company to change its capacity mix 23 going forward to be more renewable, more 24 sustainable, and better for our customers and the 25 environment, which is what our customers care about.

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If the net present value of a solar 1 Ο. 2 self-build was exactly the same as a market purchase to meet capacity or energy needs, then the Company 3 would have a financial incentive, the employees, to 4 5 go with the solar project? Well, we're allowed to -- or we include PPA, 6 Α. so it doesn't matter whether we own it or we buy the 7 8 power from it. But I meant, I guess, a market purchase from 9 Q. A market purchase of energy from PJM versus 10 PJM. solar PPA, there would be a financial incentive to 11 12 do the solar PPA even if the market purchase was 13 cheaper for consumers? I don't -- I don't think so. Well, first 14 Α. 15 off, that would cause problems in other areas, such as rate recovery. But secondly, it's shrinking our 16 overall capacity because we're not going to, in all 17 likelihood, shrink the solar or wind capacity. Ιt 18 19 would help. It wouldn't necessarily hurt because 20 the denominator gets smaller. 21 0. And to sort of compound that, the utility will not earn a profit margin or rate of return on a 22 market purchase. Are you aware of that? 23 24 Α. Yeah. I'm aware of that, but we, I assume, are in the profit margin on renewables, so -- that 25

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we own, so -- and we already own a bunch, so, you know, we could focus our investments more on that, and we could focus them more on the competitive business. I mean, I think it's -- we are fairly neutral between whether we achieve this goal in the regulated environment, which would be our preference, or in the competitive environment.

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We have a certain amount to invest to 8 maintain our credit ratings and our -- and our 9 earnings growth, and if we can't do it in the 10 regulated environment, we've got other options. 11 How does the ten percent clean energy metric 12 Ο. correspond with the ESG, environmental -- is it 13 environmental, social, and governance metric that 14 Wall Street uses that was part of the earnings 15 report that we discussed on the first day of the 16 17 hearing?

18 MR. WOLFFRAM: Your Honor, at this point we 19 would object as outside the scope of Mr. Carlin's 20 discovery responses, which is what he's here to 21 testify about.

22 CHAIRMAN SCHMITT: I'm going to allow him to 23 ask the question. 24 Go ahead, Mr. Kurtz.

Witness, you must answer.

Can you repeat the question, please? 1 Α. 2 How does the ten percent clean -- do you know Q. 3 the ESG metric that AEP has implemented? Do you 4 know what ESG is? Yes, I do know what ESG is, and my -- we 5 Α. developed it in-house. We didn't develop it to meet 6 7 a Wall Street standard, and I have not checked to 8 see the degree to which it does meet the 9 requirements of that. And, in fact, it may predate what came out in the Wall Street Journal. So I 10 11 don't know. Can you give me a dollar order of magnitude? 12 Q. Ten percent of what? What -- how much money are we 13 14 talking about? 15 I don't know the Kentucky Power portion Α. 16 that's LTIP. AEP-wide, LTIP is about 40 -- 40 17 million a year, so 4 million a year on an AEP-wide 18 basis. Q. So from that perspective, it's not a lot of 19 20 money? Not a huge amount. It's more symbolic, but I 21 Α. 22 think it's important symbolically. And \$40 million AEP-wide is what? You just 23 0. said the ten percent --24 25 40 million -- 40 million is the total annual Α.

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cost of the LTIP program assuming target 1 performance, approximately. That's a -- you know, 2 give me a wide margin on that number since I'm 3 pulling it out of thin air, but that's an 4 5 approximation. So ten percent of that would be 6 about 4 million, so that gives you an order of 7 magnitude --8 Ο. Okay. -- of the (indiscernible). 9 Α. That's what I wanted. 10 Q. MR. KURTZ: Thank you, sir. No further 11 12 questions. CHAIRMAN SCHMITT: Ms. Grundmann, questions? 13 MS. GRUNDMANN: No questions, Your Honor. 14 CHAIRMAN SCHMITT: Mr. Spenard, Mr. Strobo, 15 16 questions? No questions, Mr. Chairman. 17 MR. SPENARD: CHAIRMAN SCHMITT: Mr. FitzGerald? 18 19 MR. FITZGERALD: No questions, Mr. Chairman. 20 Thank you. Mr. Miller? 21 CHAIRMAN SCHMITT: MR. MILLER: Thank you, Your Honor. No 22 23 questions. Mr. Frye? CHAIRMAN SCHMITT: 24 MR. FRYE: No, no questions, Your Honor. 25

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CHAIRMAN SCHMITT: Okay. Vice Chairman 1 2 Chandler? 3 VICE CHAIRMAN CHANDLER: Yeah, thank you, Your Honor. 4 EXAMINATION 5 6 By Vice Chairman Chandler: Good -- check the clock every time. Good 7 Ο. 8 morning, Mr. Carlin. Let me ask a straightforward question: 9 Does Kentucky Power or AEP as it allocates to Kentucky 10 Power contribute to defined benefit and 401(k)11 matching plans concurrently? 12 Yes, we have both. 13 Α. 14Ο. Okay. VICE CHAIRMAN CHANDLER: So I just want to 15 pull up on the screen here, and I think this is the 16 order, and correct me if I'm wrong, Chairman, the 17 order that the Commission took -- that we took 18 administrative notice of yesterday. It's the 19 20 January, I believe, 18th order in Case Number 21 2017-179, Kentucky Power's most recent rate case. 22 Please let me know when you can see my 0. 23 screen, Mr. Carlin. I can see it. 24 Α. Okay. So do you see that this is page 15 of 25 Q.

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1	that order?
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2	A. Yes.
3	Q. Okay. And do you see that this is the part
4	described as savings plan expense?
5	A. Yes.
6	Q. Okay. Do you mind to read the part there
7	that says "In rebuttal"? And before you read it,
8	would you note that that when it's responding here,
9	there's at least citations in 36 to your initial
10	testimony in that case?
11	A. I see that, yes.
12	Q. Okay. Do you mind to read there on
13	starting with the the paragraph that starts with
14	"In rebuttal"?
15	A. (Reading) In rebuttal, Kentucky Power
16	explained that participation in the defined benefit
17	plan ended in 2000 and benefits were frozen in 2010.
18	Do you want the whole paragraph?
19	Q. Yes, please.
20	A. (Reading) Therefore, Kentucky Power does not
21	contribute to a defined benefit plan and 401(k)
22	matching plan at the same time. The Commission has
23	disallowed such matching contributions when both the
24	defined benefit plan and a 401(k) matching
25	contribution exist currently. This is not the case

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with Kentucky Power.

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Q. Was the Commission's order in error in the last case, in that conclusion?

A. I -- without reading it in more detail, I cannot say one way or the other. I would need to read the whole --

Q. Well, I think it's a fairly straightforward question. If the Commission said in the order that Kentucky Power does not contribute to a defined benefit plan and a 401(k) matching plan at the same time, but you just said that Kentucky Power does do those things at the same time, concurrently, correct?

A. It would seem that there's a misunderstanding about that, but I -- again, without reading the whole order, I'm not sure where in the order this statement is being made, and I can't comment on whether or not it's accurate or inaccurate without delving into it more deeply.

Q. Okay. So let's read the next paragraph.
(Reading) Kentucky Power included 1.662 -- 2 -- 975
dollars in its jurisdictional revenue requirement
for savings plan expense for employees who
participate in a defined benefit plan and have
matching 401(k) contributions from Kentucky Power.

Do you see that? 1 2 It just got smaller on me. Α. Okay. I apologize. How about now? 3 Q. So yes, I do see that. 4 Yeah. Ά. And it goes on to say (Reading) The Attorney 5 Q., General proposed a Kentucky jurisdictional 6 adjustment of \$1,102,496 for savings plan expense 7 for employees who participated in a defined benefit 8 plan and have matching 401(k) contributions from 9 10 Kentucky Power. Do you see that? 11 Yeah. 12 Α. And then, the section you just read, 13 Ο. (Reading) In rebuttal, Kentucky Power explained that 14 participation in a defined benefit plan ended in 152000 and the benefits were frozen in 2010. 16 Therefore, Kentucky Power does not contribute to a 17 defined benefit plan and a 401(k) matching plan at 18 the same time. The Commission has disallowed such 19 matching contributions when both a defined benefit 20 plan and 401(k) matching contribution exist 21 concurrently. This is not the case with Kentucky 22 The Commission finds that the Kentucky 23 Power. Power's savings plan expense is reasonable and 24 should be allowed for ratemaking purposes. 25

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703 Do you see that, going on to page 16, that's 1 the end of that section? 2 3 Α. Yes. So, just to make very clear -- and Okay. 4 0. I'll stop sharing here. 5 So, just to make very clear, you would agree 6 that Kentucky Power does contribute to both defined 7 benefit plans and 401(k) matching plans 8 9 concurrently? I do. 10 Α. 11 0. Okay. And --Just let me explain the paragraph --12 Α. And I -- and I -- I just want to ask one more 13 0. question, Mr. Carlin. I apologize. If Commission 14 Staff asked in a post-hearing data request for the 15 amount included in the test year for both of those 16 contributions, or for both of the costs from the 17 Company, would you or somebody else on behalf of the 18 Company be able to provide those amounts? 19 Somebody would be able to provide those 20 Α. 21 amounts, I assume. Okay. I'm sorry. Please proceed. 22 0. Yeah. So we did freeze the final average pay 23 Α. formula, and I talked about this on the stand, and a 24 lot of people remember it because I used the word 25

"swirl cone." We froze that formula. We did not freeze the entire pension plan because there is another formula that is going forward. It is a cash balance formula. It looks very much like a savings-plan-type benefit, but it is still technically a defined benefit plan, which is why there may be confusion around this.

8 That formula, it's a cash balance formula, 9 which, you know, you get a cash balance 10 contribution, looks like a -- looks a lot like a 11 defined contribution benefit except that its 12 governed under the ERISA rules around defined 13 benefit plans. So that's probably part of what the 14 confusion is here.

But we do technically have, and have always had, a defined benefit plan as well as a savings plan. And again, they're all part of the same market competitive goal, postretirement benefit package.

Q. Yeah, and I appreciate that. I just want to make sure that I'm clear that you have both of those and some employees have both of those and you contribute to both of those on behalf of those employees, correct?

25 A. Yes.

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And just to be clear, we can ask for those 1 0. amounts for the test year and the Company would be 2 able to provide those contributions? 3 I would be surprised if they haven't already 4 Α. 5 been provided somewhere. Okay. I appreciate that. 6 Q. VICE CHAIRMAN CHANDLER: And I think 7 Commissioner Mathews may cover the rest of my 8 questions. So I appreciate it, Mr. Carlin. Thank 9 Thank you for making yourself available. 10 you. CHAIRMAN SCHMITT: Let me ask a question, 11 Vice Chairman, before -- and I may have made an 12 erroneous note on it. Was Mr. Carlin a witness who 13 was supposed to have information about sales in 14 Illinois or Michigan, or was that, once again, 15 16 Mr. Vaughan? 17 VICE CHAIRMAN CHANDLER: Chairman, I have from my notes that will be Ms. Whitney or 18 19 Mr. Vaughan. All right. Thank you. CHAIRMAN SCHMITT: 20 All right. Doctor Mathews, questions? 21 COMMISSIONER MATHEWS: Yes. Yes. 22 EXAMINATION 23 By Commissioner Mathews: 24 Good morning, Mr. Carlin. Let's talk about 25 Q.

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that ten percent clean energy goal, if you don't 1 mind. 2 3 Α. Certainly. Would you agree that one of the drivers for 4 Ο. this case, as the Company has made the assertion, is 5 that it's driven by the lack of economic development 6 7 in the service territory of Kentucky Power? Is that one of the drivers for the rate case? 8 I've been on the periphery of some of the 9 Α. meetings where we discussed the main drivers of the 10 rate case, but I presume that that's at least part 11 of it. 12 Would you agree, and I -- this is not asking 13 Ο. you to be an economist or anything other than just 14 an observer of the service territory. Would you 15 believe that -- would you agree that some of that 16 economic downturn has been driven by a lack of 17 coal sales and the closure of many coal mines and 18 coal-mine-related industries? 19 Certainly, to the extent I watch the news, 20 Α. 21 that is accurate. Okay. And you said that the \$40 million for 22 Q., LTIP per year was symbolic, was largely a symbolic 23 gesture that was related --24 25 Per --Α.

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1	Q to clean energy?
2	A. Symbolic, it has a symbolic meaning to it,
3	yes.
4	Q. Right.
5	A. I didn't say that was its only intent.
6	Q. Well, but do you agree that the symbolism to
7	the folks of Eastern Kentucky, who are being asked
8	to pay a proportion of this, is also I'm just
9	going to say it's I'm trying to come up with a
10	word. The symbolism is troubling, that you have
11	customers in a service territory who have been
12	impacted by the decrease in the coal industry and
13	you're providing long-term incentive pay for a
14	further degradation of that coal industry.
15	A. I don't think that's the case, and I don't
16	think the customer should do or should feel that
17	way, because the impact on coal and coal-fired power
18	generation has been largely economic. Some of it's
19	been due to regulation, but
20	Q. Then it doesn't need to be incentivized.
21	A. I'm sorry, I didn't hear that. I wasn't
22	done, though. The so we've got the you know,
23	we're a price takers, just and our a lot of
24	our coal-fired generation hasn't been in the market
25	like it was for at least 30 or 40 years of life. So

it hasn't been running as much.

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And we're investors, and we're -- that's where our investment dollars are more likely to be going. We're -- you know, I don't think there's very many coal-fired power plants being built, if any, right now, and this is symbolic around our future investment.

It's not really -- we would have to -- if we 8 were going to close a coal plant, it would be part 9 10 of the IRP process and discussed through this kind of hearing. So that's not really what's going on 11 It's about future investment, changing that 12 here. portfolio mix to clean up the environment. There 13 are a lot of customers that appreciate that and want 14 15 that, and we were willing to do that in Kentucky as 16 well, as well as other economic development activities in Kentucky. So, you know, if the right 17 opportunity arises, we would be there with some 18investment dollars. 19

20 So that's what this is about. And it can 21 improve the economy of Kentucky, so -- from a 22 symbolic point of view, it's a good thing. 23 Q. If it's due to economics, it's not something 24 that needs to be incentivized, would you agree? 25 Are you providing an incentive for someone to

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do something they would do anyway because the cost 1 of solar power is now lower than the cost of 2 coal-fired generation? 3 They are not mutually exclusive. So, you 4 Α. know, that depends. If you -- sometimes you have 5 other reasons to do it even if the economic 6 7 incentives are already there, symbolism being one of them. 8 And it -- you said it was an investment 9 0. decision? 10 It is -- these are largely investment 11 Α. 12 decisions. Where are we going to put our -- you know, our annual investment dollars towards? The 13 Company does invest for its future, and, you know, 14 usually in our sector, so we would like to invest in 15 a regulated environment, that is certainly our 16 17 preference, but we have other options. 18 I believe that Kentucky Power has a rather 0. significant excess capacity. Is that still true, at 19 least through the end of the Rockport agreement? Ι 20 21 don't --22 Α. I ---- the last three cases it was in the 30s? 23 Ο. 24 I don't know. It's not my area. Α. 25 Okay. Well, if you took -- or believe me Q.

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that Kentucky has excess capacity, Kentucky Power has excess capacity, it doesn't need additional capacity of any color, green or otherwise? A. That may be true. It wouldn't need it for its integrated resource plan, but there may still be economically valuable opportunities to invest in power in Kentucky, either regulated or unregulated. So I don't know that landscape. And I do know that --

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That's fine. That's fine. How does 10 Q. Okay. this incentive affect the decision of closing a coal 11 plant early? I believe you said we may close a coal 12 plant early and replace it with renewable energy. 13 Well, it would certainly encourage us to look 14 Α. If the economics of the coal plant are --15 at that. of a coal plant are such that it doesn't look like 16 it's in ours and customers' interests to maintain it 17 for its scheduled life, it would encourage us to 18 take action to close it earlier than the expected 19 closure date through the appropriate regulatory 20 21 process.

Q. And if we talk about that appropriate
regulatory process, does the Kentucky Public Service
Commission have to approve closure of a coal plant?
A. I don't know the answer to that.

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I will -- I will answer. We do not. We can 1 0. deal with the regulatory cost implications and so 2 forth, but there is no -- the Kentucky Public 3 4 Service Commission does not approve the closure of a It can determine on what happens to 5 coal plant. the undepreciated value that's left, it can make 6 7 decisions based on the reasonableness of your generation options, but does not weigh in on the 8 9 closure of a coal plant. So --That is the case --10 Α. -- our process is not as stringent as it 11 0. 12 might be in other states. That's -- those are some very large economic 13 Α. levers that the Commission still has. 14 15 Q. That's true. And I just wanted to respond to a few of your comments there and suggest --16 highlight the symbolism of the reason this rate --17 18 one of the reasons this rate case is before us has been purported that it's the poor economic 19 environment of Eastern Kentucky in your service 20 territory and that the downturn of the coal industry 21has been a large reason for the poor economic 22 conditions in that area, and that the long-term 23 incentive pay being tied to a ten percent clean 24 25 energy goal had some symbolism as well.

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COMMISSIONER MATHEWS: So that's all, Mr. Chairman.

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CHAIRMAN SCHMITT: I had asked during Vice 3 Chairman Chandler's testimony for Ms. Vinsel to look 4 at Mr. Carlin's rebuttal testimony in the 2017 case. 5 I don't know if she has any questions or not, but I 6 want to ask her at this time: Have you had an 7 opportunity, Ms. Vinsel, to look at that? I mean, 8 9 if it's possible, if we can reconcile what Mr. Carlin's rebuttal testimony was as compared with 10 the order, page 15 or so of the order that was read 11 into the record a minute ago. 12 MS. VINSEL: Yes, Your Honor. I've not been 13 able to complete my review, so I don't have my 14 question completed at this time. Is it possible to 1516 take --CHAIRMAN SCHMITT: Well, here's what we can 17 1.8 do --Okay. 19 MS. VINSEL: CHAIRMAN SCHMITT: -- let me ask --20 Mr. Wolffram, you may redirect the witness, but I 21 guess upon reviewing -- once counsel has an 22 opportunity to review Mr. Carlin's rebuttal 23 testimony, we may want to call him again for some 24 limited purpose, just to try to understand the 25

confusion or whatever occurred in the -- in the 1 last -- in the order in the last rate case. 2 So do you have redirect of Mr. Carlin? 3 MR. WOLFFRAM: Yeah, just a few questions, 4 Your Honor, if I may. 5 REDIRECT EXAMINATION 6 7 By Mr. Wolffram: Mr. Carlin, there has been some discussion 8 0. about the ten percent renewable goal that is 9 included in the LTIP program. Do you remember that 10 conversation? 11 Yes, I do. 12 Α. And has -- well, let me ask it this way: Is 13 0. that ten percent goal in the LTIP program the only 14 consideration that the Company would consider or 15 that employees of the Company would take into 16 account when determining whether or not to invest in 17 additional clean energy programs and/or closing 18 existing, you know, coal and/or gas or combined 19 20 cycle plants? There's -- you know, all the Certainly not. 21 Α. things that we would have considered before we had 22 this goal are still in place. We didn't -- you 23 know, we didn't turn over management or our brains 24 to this goal. So, you know, this is -- this is just 25

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in addition to all the management practices, all the Commission practices, and all of the economic practices we would consider in making this decision. Q. And you may not be the witness to speak to this, but there was some discussion about, you know, the potential implications of the loss of coal jobs, including, you know, mining facilities, etcetera.

Do you remember that conversation? A. I do.

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Are you aware of any mitigation measures that 10 Ο. Kentucky Power has taken to offset the overall -- or 11 are you just generally familiar with any measures 12 that Kentucky Power has taken to mitigate the loss 13 of coal mining and related jobs within its service 14 15 area, repurposing coal mining property and economic 16 development opportunities within those -- within 17 those areas?

Yeah, I'm aware that we are repurposing coal 18 Α. mining facilities. I know we have a strong economic 19 development team down there that is -- really has a 20 21 lot of good projects that they're working on and have completed. And, you know, we are open to other 22 ideas. So I'm sure we are working diligently to --23 And just one final question, or maybe line of 24 Q., questioning, I'll say. Do you remember 25

conversations regarding specifically the potential inclusion or exclusion of SERP, SERP expense or compensation expenses?

A. I do.

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Q. Could you just provide an explanation of the potential implications, if there are any, of exclusion of related SERP expense or other incentive compensation practices that the Company employs to pay employees market competitive levels of compensation?

11 Thank you for that. So we're -- you Α. Yes. 12 know, I mentioned earlier we're a price taker, and 13 we are a price taker for employees as well. We have to pay market competitively to attract and retain 14 15 the suitable employees we need to provide service to 16 our customers. And if we can't do that and recover 17 our costs, then something needs to change, because 18 that's not sustainable.

So one of the things that I know we're gradually changing and taking a step into is short-term incentive compensation. We will be moving a portion of that into base pay, a small portion for the physical and craft workforce. It's -- our base pay for that group will still -our total pay for that group won't change and the

base pay for that group will still be market competitive, but we'll be able to recover a little bit more of our costs as a result. The same is true for long-term incentive compensation and SERP.

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And I kind of bemoan these changes, because I 5 6 know that these programs have value to the Company 7 and our customers, because they encourage a high-performance culture that will eventually erode, 8 or gradually erode, as the value of these incentive 9 programs is reduced. But we -- you know, we have to 10 market competitively and we need to be able to 11 recover our costs, and so it leaves us in a position 12 where, as we gradually chip away at these types of 13 programs, or the cost recovery is chipped away at, 14 we need to find ways to adjust. And that's a strong 15 message that's being sent if those costs are 16 disallowed. 17

MR. WOLFFRAM: I have no further questions 18 for this witness, Your Honor. Thank you. 1920 CHAIRMAN SCHMITT: Okay. Thank you. 21 MR. WOLFFRAM: At this time. CHAIRMAN SCHMITT: You may step down, 22 Mr. Carlin. 23 24 Let's see if we can get Mr. Bishop on the

25 stand here before lunch, and before we take a lunch

break, maybe we can complete that witness. 1 MR. WOLFFRAM: If Your Honor will just give 2 us one second while we clean the witness table --3 CHAIRMAN SCHMITT: Oh, sure. 4 5 MR. WOLFFRAM: -- and the attorney station 6 and we will call Mr. Bishop. Thank you. CHAIRMAN SCHMITT: Okay. Ms. Glass, are you 7 ready? Okay. Would you please introduce your next 8 9 witness? Okay. MS. GLASS: Sorry about that. Yes, Your 10 Honor. Our next witness is Scott Bishop. 11 CHAIRMAN SCHMITT: Mr. Bishop, will you 12 please raise your right hand? Do you solemnly swear 13 or affirm, under penalty of perjury, that the 14 testimony you are about to give will be the truth, 15 the whole truth, and nothing but the truth? 16 T do. 17 THE WITNESS: CHAIRMAN SCHMITT: Thank you. 18 Counsel, you may ask. 19 SCOTT E. BISHOP, having been first duly 20 21 sworn, testified as follows: DIRECT EXAMINATION 22 By Ms. Glass: 23 Mr. Bishop, can you please state your name, 24 Q. business address, and employer for the record, 25

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1	please?
2	A. My name is Scott E. Bishop. My business
3	address is 1645 Winchester Avenue, Ashland, Kentucky
4	41101. And I am employed with Kentucky Power.
5	Q. Can you please state your position with
6	Kentucky Power?
7	A. I am a regulatory consultant.
8	Q. And did you cause to be filed into the record
9	of this proceeding direct testimony and responses to
10	data requests?
11	A. Yes.
12	Q. Do you have any corrections to either your
13	direct testimony or responses to data requests?
14	A. I have one minor correction to my direct
15	testimony. On page 4 of my direct testimony, on
16	line 5, the amount of the nonrecoverable business
17	expense currently reads 27551, and it should read
18	27556.
19	Q. Do you have any other corrections?
2.0	A. No, that was my only correction.
21	Q. With the exception of that correction, if I
22	were to ask you the same questions contained in your
23	direct testimony and responses to data requests
24	today, would you give the same answers?
25	A. Yes, I would.

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1 Q. Thank you. MS. GLASS: Your Honor, the witness is 2 available for cross-examination. 3 CHAIRMAN SCHMITT: Ms. Vinsel, any 4 cross-examination? 5 MS. VINSEL: Yes, Your Honor, just a few 6 7 things. CROSS-EXAMINATION 8 9 By Ms. Vinsel: Good morning, Mr. Bishop. How are you? 10 Q. I'm doing fine. 11 Α. I'd like to start with the discussion of 12 Ο. Kentucky Power has requested to recover the PJM 1.3 billing line item 1999 costs through the Fuel 14 Adjustment Clause, and in this case, this was --15 these costs, the most immediate costs are predicated 16 17 on allocating costs from the default of GreenHat Energy, LLC; is that correct? 18 That is correct. 19 Α. And I -- is it correct Kentucky Power has 20 Ο. 21 been allocated those charges since mid -- about 22 mid-2018? I'm sorry. Could you restate that for me, 23 Α. please? 24 Kentucky Power first was allocated those 25 Q.

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costs beginning in about mid-2018; is that correct? 1 From my understanding, PJM started allocating 2 Ά. those costs in 2 -- in the mid-2018. The best 3 person to ask regarding the GreenHat default would 4 probably be Company Witness Horton. 5 But in your direct testimony you also 6 Q. Okay. discussed this line item in the background; is that 7 8 correct? 9 Α. That is correct. Okay. So I'm just going to ask you to speak 10 Ο. to your direct testimony, then. Okay? 11 12 Α. Okay. And also, I believe is it correct -- I feel 13 0. like I need to double-check this. In your direct 14testimony, is it correct that these costs will be 15 allocated through approximately June 2021? 16 17 That is my understanding, yes. Α. Okay. And it looks like probably the total 18 0. amount collected since 2018 projected to 2021 is 19 going to be about \$335,000, and is that correct? 20 21 I am not sure what the total projected amount Α. of the GreenHat default is going to be when it 22 finishes. I believe in Company Witness Horton's 23 rebuttal -- Horton's rebuttal testimony, he stated 24 the current balance was about \$348,000. 25

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Did you not include an amount in your direct 1 0. 2 testimony? My direct testimony, there was a balance of 3 Α. about 335,000 --4 5 Okay. Ο. -- through June. 6 Ά. So then, yes, you can confirm what I asked, 7 Q. but you would clarify it that Mr. Horton has 8 provided a revised number; is that correct? 9 Yeah. He would have the updated number, yes. 10 Α. 11 Ο. Okay. Thank you. Now, in your direct testimony, you said that 12 it was possible that there could be future costs 13 allocated through PJM billing line item 1999, and 14 these costs would be in addition to the GreenHat 15 default; is that correct? 16 If there are more defaults within PJM that 17 Ά. would be allocated out, yes, it could be in addition 18 to the GreenHat default. 19 And as of today, are you aware of any -- of 20 0. potential for additional defaults or costs to be 21 allocated to Kentucky Power going forward? 22 I am not aware of any potential defaults, no. 23 Α. We're putting the PJM billing line item -- line item 24 in place, if approved, for potential defaults that 25

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1 happen in the future.

2	Q. So the purpose of including it, then, is not
3	simply to recover on the current GreenHat default,
4	but also just as a hedge against future defaults?
5	A. Yes, it's kind of a protection for us to be
6	able to allocate the cost directly.
7	Q. And is it correct that currently this line
8	item is being recovered through for the customer
9	portion, part, through base rates?
10	A. I'm sorry. Could you restate that for me,
11	please?
12	Q. How are you recovering the costs right now?
13	A. I know that the Company has set up a
14	regulatory tried to set up a regulatory asset,
15	and that has been set aside. I'm sorry. We have
16	proposed in a different case to set up the
17	regulatory asset, which was denied.
18	The accounting aspect of handling the
19	GreenHat default I'm not familiar with. That would
20	probably be might be able to be answered by
21	Company Witness Witness Horton or someone in the
22	accounting aspect like Company Witness Whitney.
23	Q. Okay. Let's see if we can do this without
24	having to bring up well, actually, no. I think
25	we may have to bring up some screen share, but I'm

going to wait and see if we can answer it without 1 that, if you can answer it without that. 2 I believe -- you sponsored some responses to 3 data requests that addressed the EEI invoice. 4 5 Α. Yes. Okay. Let me first ask you -- and this is 6 Ο. just for your reference. In response to Staff's six 7 requests for information, item 20, you referenced 8 that Kentucky Power was allocated -- I'm just going 9 to round around here -- a little over \$104,000 for 10 the test period for the EEI invoice. 11 Does that sound about right? 12 Yes. Yes, it sounds about right. Α. 1.3 And as I understand it, and please correct me 14 Ο. if I'm wrong, that this allocation is based upon 15 Kentucky Power's percentage of total customers, 16 electric revenues, and owned capacity, and that's as 17 comparison to the entire AEP system? 18 That is correct, yes. 19 Α. And of that \$104,000, how much was excluded 20 Ο. from rate base? 21 Company Witness Whitney might be the best 22 Α. person to request that, but I believe it was not 23 included in the base rate case. I believe it was 24 25 removed.

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So you believe it was excluded, but you don't 1 0. know for sure? 2 I couldn't point exactly where it was at, but 3 Α. I do know the EEI was removed from the base -- from 4 5 the test year. Well, Staff also was unable to locate any 6 Ο. 7 corresponding adjustment in this case record, and that was the next thing I was going to ask you, but 8 you're telling me that you're unable to answer that 9 question? 10 I could not point exactly where in -- where 11 Α. in the adjustment lines it would be. Company 12 Witness Whitney should be able to answer that 13 question. I was not able. 14 And Witness Whitney was excused, so I -- let 15Q. me -- let me decide whether or not we want to recall 16 I won't make that decision right now. Let me 17 her. move on to another matter. 18 Kentucky Power initially proposed to modify 19 its terms and conditions of service in regard to 20 underground service. In particular, there was an 21 issue about recovery of cost -- the cost 22 differential between overhead and underground 23 facilities if a city or town had required 24 underground facilities. 25

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Do you recall that modification? 1 Yes, I do. 2 Α. And do you recall that in responses to data 3 Q. requests, Kentucky Power revised its plans for how 4 it would recover the costs? 5 What do you mean by revise? 6 Α. Initially Kentucky Power proposed to recover 7 Ο. the costs directly from customers that lived in the 8 city or town that required the underground 9 facilities. Subsequently, in data requests, 10 Kentucky Power discussed collecting it from the 11 municipal government itself and would even agree to 12 13 a payment system. Does that refresh your memory? 14Yes, that refreshes my memory. 15 Α. Kentucky Power has not filed a revised tariff 16 Ο. that would align with these proposals that were set 17 forth in data requests. Does Kentucky Power propose 18 to revise the tariff along those lines? 19 We put language in our terms and conditions 20 Α. and in our franchise tariffs as part of our 21 submittal in the application for the base case. The 22 reason we were requesting that language change was 23 due to us looking at the tariffs, seeing if there's 24 holes, potential risks to the Company and things we 25

might want to fix in the future. And we had heard 1 of a potential -- or another utility being required 2 to install underground facilities and move their 3 overhead facilities to underground, and we saw that 4 as a potential risk because how would Kentucky Power 5 recover the costs. 6 And, Mr. Bishop, I don't want to interrupt 7 Q. you, but -- I appreciate the background to this, but 8 it doesn't answer my question. And that is: 9 Kentucky Power has made a proposal that revises the 10 tariff at least in data requests, so my question is: 1.1 Will Kentucky Power be filing a revised tariff that 12 reflects the revisions set forth in the data 13 14 requests? Yes, we would. 15Α. Okay. And just to be sure, I will include in 16 0. a post-hearing data request for -- ask for a copy of 17 that revised tariff. 18 19 Α. Okay. I've got a few more questions, but they're 20 Ο. really more appropriate set forth in post-hearing 21 data requests, and just to give you an ahead-of-time 22 clue, we asked that -- and you submitted some 23 information about nonrecurring charges in a 24 post-hearing data request. We're going to ask for 25

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the underlying cost calculations and some , 1 clarifications, so you can expect that to be coming. 2 MS VINSEL: And one moment. May I check 3 something, one moment, Chairman, in the record? 4 CHATRMAN SCHMITT: Yes. 5 MS. VINSEL: Thank you. I apologize for the 6 7 delay, Chairman. No, no apology necessary. CHAIRMAN SCHMITT: 8 MS. VINSEL: I can bring this up pretty 9 10 quickly. Okay. Mr. Bishop, let's circle back to where 11 0. the adjustment for EEI was made. Let me make sure 12 13 here. Okay. You filed a response to the Attorney General, 14 KIUC's second request for information, it's item 44. 15 I'm just going -- we don't need to screen share, I'm 1.6 just going to ask you to bring it up. And you're 17 the sponsor of this, correct? 18 19 Α. Yes. Okay. So in question A the Attorney General 20 0. asked you to identify precisely where in the 21 application they can be found, and by "they," I'm 22 referring to organizations to which Kentucky Power 23 pays dues, including, but not limited to, Edison 24 Electric Institute, EEI. And I note that in your 25

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response you said refer to the application, section 5, page 287.

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I will simply point out that there is no 3 adjustment that would indicate specifically that 4 that adjustment was made. So as a post-hearing data 5 request, we are going to ask that Kentucky Power 6 provide the exact location of where this adjustment 7 was made and how much the adjustment was. 8 Α. 9 Okay. 10 MS. VINSEL: Chairman, Staff has no further 11 questions. CHAIRMAN SCHMITT: Okay. Mr. Cook for 12 Attorney General, do you have any questions? 13 MR. WEST: I don't have --14 CHAIRMAN SCHMITT: Oh, Mr. West. 15 MR. WEST: Yes. 16 17 CHAIRMAN SCHMITT: A substitute. Questions? MR. WEST: That's right. No, not for this 18 19 witness, Your Honor. Thank you. CHAIRMAN SCHMITT: Mr. Kurtz? 20 MR. KURTZ: No questions, Your Honor. Thank 21 22 you. CHAIRMAN SCHMITT: Okay. Ms. Grundmann? 23 Ms, Grundmann, do you have questions for this 24 witness? We'll come back. She may have been 25

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disconnected. 1 Mr. Spenard, questions? 2 MR. SPENARD: KYSEIA -- no, Mr. Chairman, 3 KYSEIA has no questions. 4 CHAIRMAN SCHMITT: You do not? I'm sorry, I 5 couldn't hear. 6 MR. SPENARD: I apologize, Mr. Chairman. 7 No, KYSEIA does not have any questions. 8 CHAIRMAN SCHMITT: Okay. Thank you. 9 10 Mr. FitzGerald? MR. FITZGERALD: Mr. Chairman, at the risk of 11 sitting between everyone and lunch, I do have some 12 guestions. 13 14 CHAIRMAN SCHMITT: Okay. MR. FITZGERALD: I was going to -- you know, 15I was -- I was staying out for ten witnesses, but 16 then Ms. Glass threw Mr. Bishop under the bus. 17 CROSS-EXAMINATION 18 By Mr. Fitzgerald: 19 So, Mr. Bishop, Tom FitzGerald. Can you hear 20 0. 21 me okay? Yes, I can. 22 Α. Wonderful. Ms. Glass mentioned yesterday 23 0. that you would be the witness familiar with the DSM 24 25 program offerings at Kentucky Power; is that

730 correct? 1 2 That is correct. Α. Okay. And do you mind if I ask you some 3 0. questions about that? I know you've moved on to a 4 different area, but I think you used to work in the 5 DSM programs; is that correct? 6 I worked with them, yes. 7 Α. Yes. Oh, wonderful. Okay. Could you explain 8 0. briefly, what is the purpose of an energy efficiency 9 10 or DSM program? It is -- the DSM program is designed to help 11 Α. customers reduce usage on the system, reduce their 12 13 use. 14 ο. Reduce their usage? 15 Α. Yes. Okay. It would seem counterintuitive to me 16 0. that a company that is seeking a rate increase due 17 to lost load and declining customer usage would want 18 to incentivize further reduction in energy usage by 19remaining customers. 20 21 Is KPC compensated for the revenue that's 22 lost due to the DSM program offerings? According to the statutes, we are able to 23 Α. recover as lost revenue on DSM program -- on DSM 24 25 programs two to three years.

Okay. So that's how you're made whole? 1 Ο. 2 I believe so, in my understanding, yes. Α. Okay. Am I correct that the only DSM program 3 Q. that's currently available to residential customers 4 is the Kentucky Power targeted energy efficiency 5 program, which is the weatherization and energy 6 7 efficiency program? Yes. That's our low-income weatherization 8 Α. 9 program. Okay. And that's only available to 10 ο. residential customers with electric heat that use 11 over 700 kilowatt hours a month or, on a more 12 13 limited basis, customers with electric water heating who use more than that? 14 Correct. They have to have a minimum usage 15 Α. of 700 kilowatt hours. 16 Okay.' And in an average year, do you know 17 0. how many KPC customers are served through that 18 19 program? Through the weatherization program? No, I do 20 Α. not know how many customers are served through that. 21 Okay. Do shareholders contribute to that DSM 22 0. program cost, or are the costs paid by the 23 24 residential ratepayers? The costs are paid by the residential 25 Α.

ratepayers of the DSM tariff. 1 Okay. Okay. Thanks. And so that monthly 2 Q. charge is not just imposed on people who are 3 participating, it's imposed on all of the 4 residential customers? 5 6 Α. Yes, it is. Okay. Thank you. And do you know what the 7 0. cost is on a monthly basis right now for that 8 9 program? I believe it's roughly -- oh, I don't know. 10 Α. I don't recall that. 11 Okay. Does 20 --12 0. (Indiscernible). 13 Α. -- 29 cents -- I'm sorry. 14 Ο. Yeah. I was going to say it's around maybe 15 Α. 24 cents is my recollection. 16 Okay. Would 29 cents be something that you 17 Q. think is around there? 18 19 Α. Yes. CHAIRMAN SCHMITT: I'm looking --20 21 Q. Okay. CHAIRMAN SCHMITT: I just happened to be 22 looking at my bill, Mr. FitzGerald. It was 30 cents 23 in October. 24 25 MR. FITZGERALD: Okay.

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CHAIRMAN SCHMITT: I got -- I got my latest 1 bill yesterday, but I haven't had a chance to look 2 at it. But it was 30 cents in the DSM row. 3 MR. FITZGERALD: Thank you, Mr. Chairman. 4 5 Thank you. Is it fair to state, Mr. Bishop, that your 6 Q. nonparticipating customers who use less energy are 7 subsidizing those who are participating in the DSM 8 programs and who are deriving benefits from that 9 participation that aren't available to everybody 10 else? 11 Since everyone pays into the system, into the 12 Α. DSM surcharge, that is -- sounds about accurate, 13 1.4yes. Okay. And given the expression -- the 150. express concern of Mr. Mattison when I was asking 16 him about solar, I guess two days ago, that 17 nonparticipating customers shouldn't be subsidizing 18 those taking net metering service, how does Kentucky 19 Power justify charging all residential customers for 20 programs like this that socialize the cost of the 21 program but are only available to a targeted group 22 of members in the class? 23 Well, the DSM surcharge was set up before the 24 Α. Commission discontinued it. So before the other 25

programs were discontinued, everyone had access to 1 DSM and energy efficiency programs. 2 Okay. But these programs, they don't get 3 Q., them, but yet they are still paying for them; is 4 that correct? 5 I'm sorry. What was that again? You cut out 6 Α. 7 a little bit. I'm sorry. So -- but this program is not 8 0. available to everybody, yet everyone is still paying 9 for it; is that right? 10 This is -- it's available to low-income 11 Α. customers, yes, low income only. Everyone else, 12 yes, is paying for it. 13 Okay. And are there other benefits that the 14Q. nonparticipating customers get from having a DSM 15 16 program? There are benefits across the system, because 17 Α as customers use less energy, it becomes cheaper 18 for -- those savings are passed along across the 19grid as a whole. Though all the customers may not 20 receive a lot of benefit, there is at least a little 21 bit of benefit as long as customers are reducing 22 23 their usage. Okay. Is that part of the justification for 24 0. spreading the cost of DSM, that everybody benefits a 25

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1	little bit at least?
2	A. Yes.
3	Q. Okay. And
4	A. Kind of spread the cost we kind of spread
5	the cost over everybody, and it just happens to be a
6	Kentucky Power situation as we only have the one
7	program.
8	Q. Okay. But before you had it spread,
9	everybody had access to most of the programs, right?
10	A. Yes.
11	Q. Okay. When you were working with the DSM
12	programs and I'm almost done, I promise, and so
13	we can all get lunch and you don't have to listen to
14	me any longer.
15	When you were working with the DSM programs,
16	did you-all estimate how much electricity was saved
17	overall by the individual program offerings?
18	A. Yes, we the energy saved, yes, we did.
19	Q. Okay. And if
20	A. I'm sorry.
21	Q. Go ahead.
22	A. Yeah, that those savings are usually in
23	the annual DSM filings in the status report that we
24	file with the Commission.
25	Q. Wonderful. Thank you. Last couple of

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questions.

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2	If I'm a customer who, either through a
3	Company-sponsored EE or DSM program or through my
4	own energy efficiency measures, I just decide to go
5	out, put in windows or, you know, upgrade my HVAC
6	system, if I'm able to cut my usage, then is it
7	correct that I'm paying less of the fixed costs that
8	are embedded in the volumetric rates?
9	A. Less of the fixed costs? The fixed costs
10	would always be consistent because you would be
11	paying less of the cost on an energy charge usage.
12	Q. Okay. But the energy charge also has some of
13	your embedded fixed costs; is that correct?
14	A. I believe so, yes.
15	Q. Okay. So if I'm using less electricity, then
16	I'm paying less towards that than somebody who uses
17	more; is that correct?
18	A. That is correct.
19	Q. Okay. But you're still charging both
20	customers the same, right? You don't say, okay,
21	that person's more efficient so we're going to raise
22	their electric rate in order to compensate for the
23	lost fixed charges that they're not paying that
24	are that are part of the energy charge?
25	How's that for confusing? Let me try it

again. 1 I was going to say, I'm a little confused. 2 Α. Can you restate that? 3 The -- so we've established Sure. 4 0. Sure. that if I use less electricity that I'm paying less 5 of the fixed costs that are over on the volumetric 6 side, right? Some of the fixed costs are on the 7 metered charge, some are on the other side? 8 I believe so, yes. 9 Α. Okay. So if I use less, then I'm paying less 10 Ο. of that percentage or that amount that's over on the 11 volumetric side than somebody who uses more? 12 I believe that would be, I believe, correct. 13 Α. Okay. And you are not charging the more 14 0. efficient user more for their electricity to try to 15 recover those lost fixed charges, are you? 16 No, it's the same rate. 17 Ά. Okay. That's all I needed, Mr. Bishop. 18 Ο. Thank you. 19 MR. FITZGERALD: Mr. Chairman, thank you for 20 your indulgence. I am no longer standing in the way 21 of lunch. 22 CHAIRMAN SCHMITT: Mr. Miller, questions? 23 MR. MILLER: Thank you, Mr. Chairman, nothing 24 to add to that. Appreciate it. 25

CHAIRMAN SCHMITT: Okay. Mr. Frye? 1 MR. FRYE: No questions, Your Honor. 2 CHAIRMAN SCHMITT: Vice Chairman Chandler. 3 VICE CHAIRMAN CHANDLER: I do not, thank you, 4 Your Honor. Thank you, Chairman. Sorry. Just to 5 clarify, I do not have any questions. 6 CHAIRMAN SCHMITT: Oh. Dr. Mathews, 7 questions? 8 COMMISSIONER MATHEWS: I do not have any 9 10 questions for the witness. CHAIRMAN SCHMITT: All right. Ms. Glass, do 11 you have any redirect examination for this witness? 12 MS. GLASS: I do, Your Honor. 13 CHAIRMAN SCHMITT: All right. Thank you, 14 Mr. Bishop. You may step down. 15 MS. GLASS: Oh, I'm sorry. Your Honor, I 16 said that I do. 17 CHAIRMAN SCHMITT: Oh, I thought you said you 18 did not. I'm sorry. 19 MS. GLASS: Thank you. 20 REDIRECT EXAMINATION 21 By Ms. Glass: 22 Q. Mr. Bishop, Kentucky Power is not currently 23 recovering GreenHat default charges currently, 24 25 correct?

Correct. 1 Α. And they are a fuel-related cost of service, 2 Q. correct? 3 That is correct. 4 Α. And it sought approval to recover them 5 0. through Tariff FAC in Case Number 2017-179 and was 6 7 denied, correct? Could you restate that question? I believe 8 Α. 9 your reference is incorrect. Sure. So it's correct that it sought 10 Ο. approval to recover them through Tariff FAC in Case 11 Number 2017-179 and was denied? And if it helps 12 you, that's the two-year FAC case. 13 The case number for the two-year FAC is Α. 14 2017-00097. 15You are right. Please substitute that case 16 Ο. number in my question. Thank you for the 17 18 correction. Okay. And restate your question for me, 19 Α. 20 please. Sure. So it's correct that the Company 21 Ο. sought approval to recover the GreenHat default 22 charges through Tariff FAC in the case number you 23 just stated -- I'm sorry, I've already forgotten 24 it -- and was denied? 25

That is correct. 1 Α. Thank you. And it filed a request to defer 2 0. those charges for future recovery in Case Number 3 2020-34, and that was denied, correct? 4 That is correct. 5 Ά. And it's not currently collecting those 6 Q. amounts through Tariff FAC, correct? 7 That is correct. 8 Α. And it's not currently collecting them 9 0. through base rates either, correct? 10 That is correct. 11 Α. Regarding the questions about the EEI dues, 12 0. those are addressed in Company Witness West's 13 rebuttal testimony, correct? 14Yes, it is. 15 Α. And he confirms that those are excluded from 16 Ο. the Company's cost of service, correct? 17 Yes, he did. 18 Α. So can he further discuss those questions 19 Ο. that were directed at you about the EEI dues? 20 Yes, he would probably be the better person 21 Α. to ask on those EEI dues. 22 Okay. Thank you. And I just have one more 23 Q. 24 question. Regarding the Company's P program, the DSM 25

program, it is an approved statutory program, 1 approved by the Kentucky Public Service Commission, 2 correct? 3 That is correct. And they get annual reports 4 Ά. on the status of that program. 5 And when I refer to a statutory program, it 6 0. is governed by KRS 278.285, and in that subsection, 7 is it correct that subsection E, the Commission 8 looks at whether the plan results in any 9 unreasonable prejudice or disadvantage to any class 10 of customers, correct? 11 That is correct. 1.2 Α. Those are all my questions. 13 MS. GLASS: 14 Thank you. CHAIRMAN SCHMITT: Thank you. Mr. Bishop, 15 you may step down. 16 At this time we'll recess until 1:00 o'clock, 17 at which time I think Mr. Horton will be the next 18 19 witness. (Recess from 12:01 p.m. to 1:09 p.m.) 20 CHAIRMAN SCHMITT: Okay. We're now back on 21 the record. We have a new court reporter change. 22 We have one in the morning and another coming in the 23 afternoon. 24 And I guess at this point, Commissioner 25

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Mathews, would you say something for the record so 1 that we can see if the reporter can properly hear? 2 Mr. Overstreet, on behalf of Kentucky Power, 3 are you in a position to call your next witness? 4 MS. VINSEL: Chairman --5 MR. OVERSTREET: Yes, I am, Your Honor. 6 Before we proceed, let me know if that is an 7 appropriate time. Yesterday afternoon we talked 8 about perhaps extending the schedule into the 9 evening, and I didn't know whether you and Dr. 10 Mathews --11 CHAIRMAN SCHMITT: We haven't discussed it, 12 but I can't go beyond 6:00. 13 MR. OVERSTREET: Thank you, Your Honor. 14CHAIRMAN SCHMITT: We have today, the rest of 15 today, tomorrow, and Monday. And, if we can't do it 16 then, we'll just keep going until we do. But we can 17 go to 6:00 this evening. 18 MR. OVERSTREET: Thank you, Mr. Chairman. 19 CHAIRMAN SCHMITT: Ms. Vinsel has something 20 to say. 21 MS. VINSEL: I'm sorry, Mr. Overstreet. Ι 22 didn't mean to speak over you. 23 We have an echo in this room that we'll need 24 to get fixed. 25

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CHAIRMAN SCHMITT: Yeah. Apparently, there's 1 an echo on the sound here in the hearing room. 2 So we'll need to see if we can get our IT person to fix 3 that maybe before we proceed. 4 VICE CHAIRMAN CHANDLER: Mr. Chairman, you 5 may want to ask the court stenographer to turn their 6 7 microphone off. CHAIRMAN SCHMITT: It's off. Her microphone 8 is off. Did that fix it? 9 MS. VINSEL: We still have that going. So 10 are the speakers off also? 11 CHAIRMAN SCHMITT: I can hear it now. Ιt 12 comes over the --13 MS. VINSEL: I'm making sure my tablet is 14 off. 15 CHAIRMAN SCHMITT: A lot of people back here 16 come out, and we see what they can do? 17 VICE CHAIRMAN CHANDLER: Yes. 18 CHAIRMAN SCHMITT: All right. Ms. Vinsel is 19 seeking help, technological expertise. 20 In the meantime, Counsel, Mr. Overstreet, we 21 -- after looking at Mr. Carlin's rebuttal testimony 22 in the previous case, I think we know how that part 23 of, I guess, sentence or paragraph and maybe on page 24 15 of the order was -- how that was drafted, and we 25

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will not need Mr. Carlin to testify again. I think 1 we resolved how that worked out. 2 MR. OVERSTREET: Thank you, Mr. Chairman. 3 So let Mr. Carlin know we CHAIRMAN SCHMITT: 4 will not be asking him to come in and discuss his 5 testimony in light of what was in the order. 6 MR. OVERSTREET: Thank you, Mr. Chairman. 7 We'll let him know. 8 MS. VINSEL: Mr. Harrod is working on it. He 9 thinks he may have a solution. I can tell it's not 10 kicked in yet. 11 CHAIRMAN SCHMITT: The problem is being 12 worked on. So in the meantime I guess we just need 13 to wait until we can see if it can be resolved. 14 MS. VINSEL: I was going to say we might try 15 to say something occasionally. 16 CHAIRMAN SCHMITT: Well, it's still echoing, 17 coming through the speaker here or something. 18 MS. VINSEL: Do you have the GoToMeeting 19 microphone on? Let me double-check, if you don't 20 You might want to ut your mask on. Okay. 21 mind. Where is your -- it's showing it's muted. 22 I'll be right back, Chairman. We're going to 23 try it again. It's still here. 24 I do have to ask, we have discovered that some 25

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of the participants who are using a phone have both their computer and their phone microphone on. We're going to ask that, if you're using your phone for the audio, please make sure the computer's settings are turned off.

CHAIRMAN SCHMITT: I know at the beginning we went through a list of a number of things that could cause feedback. Perhaps there's a witness or something who's somewhere that maybe didn't hear that.

MS. VINSEL: I will be right back again. See what I can do.

Okay. We're going to try one more time. CHAIRMAN SCHMITT: No, still hear it. When a witness speaks, can we -- is it the same thing, or is it just coming from speech in this hearing room? MS. VINSEL: Let me try.

18 Vice Chair Chandler, do you mind to say 19 something?

20 VICE CHAIRMAN CHANDLER: Can you hear me,
 21 Ms. Vinsel?
 22 CHAIRMAN SCHMITT: There is no feedback when

23 you speak.

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24 MS. VINSEL: So the feedback is only in the 25 hearing room?

CHAIRMAN SCHMITT: I can hear it -- when I 1 speak, do you hear feedback? 2 MS. VINSEL: Yes, I can. 3 CHAIRMAN SCHMITT: It's coming from the 4 5 hearing room, then. At some point --VICE CHAIRMAN CHANDLER: Just as a check, can 6 we ask Mr. Overstreet to speak? 7 MR. OVERSTREET: This is Mark Overstreet. 8 CHAIRMAN SCHMITT: No feedback. 9 MS. VINSEL: Okay. We need to make sure, 10 Jenny, that all of your speakers are turned off in 11 GoToMeeting and the PC speaker. 12 VICE CHAIRMAN CHANDLER: Thank you, 13 Mr. Overstreet. 14 CHAIRMAN SCHMITT: We're making one last 15 attempt. Ms. Vinsel is bringing all her powers to 16 bear on the subject. If not, apparently there's no 17 feedback coming from anybody but here. And if 18 necessary we'll have to move forward with it the way 1.9it is. 20 MS. VINSEL: Yes, indeed, we've got it fixed. 21 We're good. 22 CHAIRMAN SCHMITT: All right. Ms. Vinsel now 23 has demonstrated her prowess as an IT person, and 24 we're ready to go. 25

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Mr. Overstreet, would you introduce your next 1 2 witness, please. MR. OVERSTREET: Thank you, Mr. Chairman. 3 Kentucky Power Company calls Dana E. Horton. 4 CHAIRMAN SCHMITT: Mr. Horton, would you 5 please raise your right hand? 6 Do you solemnly swear or affirm under penalty 7 of perjury that the testimony you're about to give 8 will be the truth, the whole truth, and nothing but 9 the truth? 10 I do. THE WITNESS: 11 CHAIRMAN SCHMITT: Mr. Overstreet, you may 12 13 ask. DANA E. HORTON, called by the Kentucky Power 14 Company, having been first duly sworn, testified as 15 follows: 16 DIRECT EXAMINATION 17 By Mr. Overstreet: 18 Would you please state your name, employer, 19 Ο. and position. 20 Dana E. Horton, American Electric Power 21 Α. Service Corporation, Columbus, Ohio. 22 And what is your position with the service 23 0. corporation? 24 I am director for RTO east. 25 Α.

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748 And did you cause to be filed in the record 1 Ο. of this proceeding rebuttal testimony? 2 3 Α. Yes, sir. And do you have any corrections or updates to 4 0. that rebuttal testimony? 5 I do not. 6 Α. And, if you were asked the questions in your 7 Q. rebuttal testimony today, would your answers be the 8 same as they were in the filed rebuttal testimony? 9 10 Α. Yes. 11 Ο. Thank you, Mr. Horton. MR. OVERSTREET: Mr. Chairman, the witness is 12 available. 13 14 CHAIRMAN SCHMITT: Thank you. Ms. Vinsel, cross-examination? 15 MS. VINSEL: Staff has no questions for 16 17 Mr. Horton. CHAIRMAN SCHMITT: Office of Attorney 18 General. Any questions for this witness, Mr. West? 19 MR. WEST: No questions for this witness, 20 Your Honor. 21 Mr. Kurtz. CHAIRMAN SCHMITT: 22 MR. KURTZ: No questions, Your Honor. 23 CHAIRMAN SCHMITT: Ms. Grundmann. 24 MS. GRUNDMANN: No questions, Your Honor. 25

CHAIRMAN SCHMITT: Mr. Spenard or Mr. Strobo, 1 2 questions? MR. SPENARD: No questions, Mr. Chairman. 3 CHAIRMAN SCHMITT: Mr. Fitzgerald. 4 MR. FITZGERALD: No questions, Mr. Chairman. 5 6 Thank you. CHAIRMAN SCHMITT: Mr. Miller. 7 MR. MILLER: None from Sierra Club, 8 9 Mr. Chairman. Thank you. 10 CHAIRMAN SCHMITT: Mr. Frye. MR. FRYE: No questions at this time, 11Mr. Chairman. 12 CHAIRMAN SCHMITT: Vice Chairman Chandler. 13 VICE CHAIRMAN CHANDLER: Yes. Thank you, 14 15 Chairman. I do have some. EXAMINATION 16 17 By Vice Chairman Chandler: Good afternoon, Mr. Horton. 18 Ο. 19 Good afternoon. Α. 20 Q. How are you? 21 Α. Great. Can I ask you a question? Are you aware of 22 Q. the Company's FRR plan for PJM? 23 24 Α. Yes. Okay. And does the Company have its own FRR 25 Q.

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1	plan, or is it a single FRR plan for the entire AEPE
2	system?
3	A. Well, PJM sees it as a single FRR plan for
4	within PJM.
5	Q. Okay.
6	A. I think for the three operating companies in
7	AEP that are part of the FRR plan.
8	Q. Okay. And just so that we're clear, is it
9	Appalachian, Kentucky Power, and I&M that are FRR
10	entities in PJM?
11	A. Yes.
12	Q. Okay. And Ohio Power Company is not?
13	A. Correct.
14	Q. Okay. So, as part of that plan, it's your
15	understanding that there's a is it an IRR, an
16	internal or an IRM, internal reserve margin, that
17	the companies can we say "the companies" and you
18	know what I mean?
19	A. Yes.
20	Q. Okay. And they have to meet an IRM as part
21	of that FRR plan?
22	A. Right.
23	MS. VINSEL: I believe Ms. Grundmann needs to
24	mute her phone.
25	CHAIRMAN SCHMITT: Hey, Ms. Grundmann? You

may need to mute your phone. 1 MS. GRUNDMANN: It's muted now. 2 CHAIRMAN SCHMITT: Okay. Thank you. 3 As part of that FRR plan, the companies have 4 Ο. to meet an IRM of some percentage? 5 6 Α. Yes. And is that approximately 15 percent? 7 Ο. That's what I was thinking. It varies Yeah. 8 Α. a little bit year to year, but it's around 15 9 10 percent. Okay. And in order to meet that, they meet 11 Ο. that with generation based on a UCAP basis. 12 Is that your understanding? 13 That is also correct. If we were to go down, 14 Α. way down the rabbit trail, there's a UCAP 15 calculation, and they adjust the target reserve 16 margin to account for that. But yes. Short answer 17 to your question. 18 Great. And that's -- instead of an installed 19 Ο. reserve margin, that's a -- or an installed 20 capacity, that's a capacity calculation that takes 21 into account the unforced outages and forced outages 22 -- the availability of the installed capacity. Is 23 that fair? 24 25 Α. Yes, that's correct.

Okay. And are you aware of -- were you 1 Ο. following the conversation with Mr. Carlin where we 2 were generally talking about the 10 percent portion 3 of the funding for -- for the ICPE plan that related 4 5 to sort of an incentive to invest in renewable 6 energy? Do you remember that? 7 Α. I was listening to that conversation, yes. Okay. And do you understand that, as a 8 Ο. general matter, renewable energy -- a lot of terms 9 10 are thrown out, but we can agree that, as a general 11 matter, solar and wind power, without being co-sided 12 with battery, is nondispatchable energy? Yeah, that's -- that's generally the case, 13 Α. 14 agreed. Yeah. And not to be derogatory or anything 1.50. to the characteristics of it, but in a sense it 16 produces when whatever fuel, right, solar or wind is 17 18 is available? Yes, and that's a generally true statement. 19 Α. You can adjust some of the wind a little bit by 20 fanning the blades. But, yes, for your discussion, 21 22 yes. 23 Okay. 0. 24 If the wind is blowing, the power is Α. 25 producing.

Q. And would you also agree, as a general matter, solar power produces closer to its capacity when it's sunny out and, as a general matter, wind seems to have a capacity factor the colder it is, although the extreme can, of course, affect that, and generally the wind blows better at night as it relates to wind production?

Are you aware of those generalizations? A. I have heard those generalizations. Any farther down and that's out of my league, but I have heard generally what you're saying there.

Q. Yeah. And I think that's -- thankfully for both of us, that's as far into the details on those that we necessarily need to 'go.

15 My question is getting to this: In -- in 16 calculating or finalizing the Company's FRR plan, 17 would you agree that the FRR plan is dedicated to 18 meeting the necessary capacity on a UCAP basis and 19 considering the installed reserve margin required by 20 PJM on PJM's peak?

A. We're talking about meeting it based oncoincident summer peak?

Q. Yeah. That the FRR is based on PJM's peak
rather than the individual utilities that have the
plan.

Yes, that is correct. 1 Α. Okay. And that, I think for the most part, 2 Ο. is going to be the entirety that I'm going to ask 3 about the solar and wind. 4 So I just want to make sure we're on the same 5 place about how the FRR plan, right, is required to 6 meet a PJM requirement, whereas you would agree that 7 if the individual utilities are vertically 8 integrated, for instance, that they still are 9 required to meet their own demand, regardless of 10 whether that demand may be coincident with PJM? 11 Well --12 Α. Let me withdraw the question and ask this 13 Ο. question: Would you agree that Kentucky Power 14 conducts an IRP? 15I'm going to have to punt on the Kentucky 16 Α. Power doing its own IRP. I do not get involved with 17 that at all. 18 Okay. That's fair. 19 Ο. Your testimony in this case, the rebuttal 20 testimony, deals primarily with AEP's participation 21 in PJM, right? 22 Right. 23 Α. And do you know of the mix of AEP operating 24 Q. companies or even AEP affiliates that had to seek 25

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1	jurisdictional state jurisdictional approval to
2	join PJM?
3	A. I'm not familiar with the state
4	jurisdictional approval process. So that was back
5	in '04 when we joined PJM. I don't know I don't
6	recall what
7	was what we had to go through with the individual
8	states.
9	Q. Yeah, I'll just ask specific to Kentucky. Do
10	you remember if Kentucky Power had to seek
11	Commission approval to join PJM?
12	A. I believe so. I was not directly involved in
13	that approval process, but I believe that there was
14	discussions with the Kentucky Commission at that
15	time on joining PJM.
16	Q. Okay. And have you been following the
17	hearing in this case through the first two days
18	prior to today?
19	A. Yes.
20	Q. Okay. And do you remember when I was asking
21	Mr. Mattison questions about the Commission's 2017
22	order as it relates to Kentucky Power's involvement
23	in PJM?
24	A. If that was the second appearance by
2.5	Mr. Mattison, I was listening there. I did not

So I don't attend the morning where he was on. 1 recall the 2017 line of questions. 2 Well, there was a -- just one second, 3 Q. Mr. Horton. I apologize. Let me share my screen 4 5 here with you. I'll just go back to that 2017 order so that we're all on the same page about what we're 6 7 discussing. I was asking -- can you see my screen there? 8 9 Α. Yes, yes. I was asking Mr. Mattison about the -- that 10 0. final full paragraph on that page of the 2017 -- the 11 January 18, 2017 -- 2018 order in case number 12 2017-179. I'll give you a chance to read that last 13 sentence that has the highlight on PJM. 14 Are we talking about where it says "last, the 15 Α. Commission strongly encourages"? 16 17 Sorry. Sorry. Let me bring it back Q. Yes. 18 up. "Last, the Commission strongly encourages 19Ά. Kentucky Power to recognize that it must make a 20 determination regarding its participation in PJM 21 that aligns with the interests of Kentucky Power and 22 23 its ratepayers." I'll stop sharing there. Let me know when 24 Q. 25 that's off your screen now.

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It's off. 1 Α. Okay. Were you aware of any concern by the 2 Q. Kentucky Commission that Kentucky Power's 3 participation in PJM may not necessarily be aligned 4 with its ratepayers but rather other Kentucky Power 5 6 affiliates? I was not aware until just preparing for 7 Α. this, this most recent rate case. 8 Okay. And on that note -- and I think that 9 Ο. this is going to make this set of questions a lot 10 easier. 11 Are you aware of any instance in which 12 Kentucky Power has asked you to, let's say, forge a 13 different path on their behalf than maybe with the 14 other AEP affiliates on a particular issue with PJM? 1.5It's -- we talk with the Kentucky Power No. 16 Α. And to my recollection, we've pretty much --17 staff. we've been in alignment with -- with the other 18 operating companies in AEP when we represent PJM --19 at PJM. 20 Okay. Would you agree that you discussed in 21 Ο. your rebuttal testimony the -- and this is my 22 characterization, so I don't want to put words in 23 your mouth, but just my understanding, the power 24 that AEP or Kentucky Power individually have within 25

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1 PJM? I mean, that was the basis of the testimony: 2 The control over the actions, the tariffs, the 3 rules. 4 5 Yes. When it comes to sector voting. Ιs Α. 6 that where you're going? 7 I think that was part of your testimony, 0. right? You discussed primarily the second --8 9 Oh, absolutely. Α. -- RC and the MC, correct? 10 0. Absolutely, yes. 11 Α. So I have a couple questions about that. 12 Ο. And, if I go too fast, please let me know, but I'm 13 just trying to think these out. 14 So there's the MC -- the members committee --15and the MRC, which is the markets and reliability 16 17 committee, right? Ά. Right. 18 And there's the MIC, the markets 19 Ο. implementation committee; is that right? 20 21 Α. Right. And the OC, the operating committee, and the 22 Ο. PC, the planning committee, correct? 23 24 Α. Yes. Okay. And those are the primary two largest 25 0.

-- the two -- I think there's a name for them, but 1 the two bigger committees, right, the MC and the 2 MRC. 3 And then the three primary subcommittees, the PC, 4 5 OC, and MIC. Correct, yes. You've got it, yes. There's 6 Α. the two top committees that have sector voting. 7 That's where everything comes up through those two 8 upper committees. 9 Okay. Great. And only members are allowed 10 Ο. to vote at the members committee in the MRC, 11 correct? 12 Α. Correct. 13 And there's about a thousand members? 14 Q. Well, that's -- that's where it gets a 15 Α. little -- we have to talk a little bit about that. 16 At the upper-level committees, yes. If you looked 17 at the PJM roster, there are a thousand members. 18 It's over a thousand now. Most of those are 19 affiliate members. 20 For example, AEP, when it comes to the voting 21 at the MRC and members committee, the upper-level 22 committees, we have one vote. But if you go into 23 the roster of a thousand, there's 20 AEP affiliates 24 25 in there.

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And that is -- Mr. Horton, I think you've 1 0. made our day a little shorter because that's what I 2 wanted to get to. Right? So there's a thousand 3 members, but Kentucky Power, Ohio Power, Kentucky 4 5 Transmission Company, none of those get their own individual vote at the MRC or the MC, correct? 6 Correct. We get to vote at the -- we get 20 7 Α. votes at those lower-level committees, but when it 8 comes to the upper level, they call it sector 9 voting, that's where we get one. 10 And that's where each sector -- five sectors. 11 Ο. Each sector is weighted, and it's out of five. 12 And it has to be, what is it, 3.67 for something to 13 pass? Something like that? 14 15 It has to be 66 and two-thirds percent to Α. 16 pass, yes. Perfect. So you were talking about within 17 Q. the sector voting that you're just one of 14 -- AEP 18 19 is just one of 14 of five sectors, right? Right. One of 14 within the -- we pick the 20 Α. transmission sector. And so we're one of 14 within 21 that sector, and then each of the five sectors gets 22 20 percent of the vote. So we're 1/14 of 20 23 percent. 24 Yeah. And you had the choice of a number of 25 Q.

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sectors, and you chose the sector in which there 1 were the smallest number of members so that, 2 ultimately, you represent a larger proportion of the 3 votes at PJM, correct? 4 5 Yes, yes. Α. 6 Ο. And so --Because -- I'm sorry. Go ahead. 7 Α. I was going to say, you would agree that the 8 Q. 14 transmission owners at those -- at the MRC and MC 9 sector have the largest proportion of vote 10 individually as a single entity, correct? Each one 11 of them has the same amount, but that's still the 12 largest of any of the other members may have in 13 those senior committees. 14 I think the answer is yes because, for 15 Α. example, say the generation sector has 40 voting 16 members, and so if we had chosen the generation 17 sector, which we could have, we'd have been one of 18 40 versus one of 14. 19 Your vote would have been watered down. Ιs 20 Ο. that fair? 21 22 Ά. That is correct, yes. Okay. And at the lower committees -- the 23 0. operating committee, the planning committee, and the 24 25 MIC -- you-all participate in all three of those

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subcommittees, right?

A. Correct.

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Q. Right. And you vote on behalf of your affiliates in those subcommittees?

A. Yes.

Q. So let's talk about -- and would you agree, then, that -- Dave Anders would be very proud that we're talking about this -- but the way the process works at PJM is that, as a general matter, issues are resolved bottom up, correct? Is that your experience?

Would you like me to --

I think the answer is yes. What's your 13 Α. thinking of bottom up? I'm not quite sure. 14 Yeah. That often proposals are brought at 15 Q. the subcommittees, voted on, and then those 16 proposals, after they move from the subcommittees, 17 are brought to the MRC and MC for a larger 18 stakeholder vote. 19

A. Yeah, that's generally the way it's done.
That's the way it's designed to be done. And then
how we re -- kind of redesigned the governance
rules -- I don't know -- five to seven years ago to
make that process a little more collaborative in the
lower-level committees.

And the consensus-based -- I think it's 1 Q. referred to as the CBER (phonetic spelling) process, 2 right? 3 Α. Yes. 4 Okay. And so you often vote at the planning 5 Ο. committee. Is that fair? 6 I'm sorry. Can you repeat? 7 Α. You often vote --8 0. 9 Α. Yes. You often vote at the planning committee? 10 Ο. Yes. 11 Α. Okay. And are you aware of generally how 12Ο. many votes in a -- you know, an ordinary matter, how 13 many votes are cast on an ordinary planning 14 committee proposal? Would you say it's about a 15 hundred? 16 That's a -- that's a reasonable estimate 17 Α. depending on the interest in the issue, but rule of 18 thumb, it's probably a little over 100 on most of 19 the issues. Let's call it 120 to 140. 20 Okay. So of the planning committee, then, 21 Q. with your 20 affiliates, right, which would include 22 the operating companies, the transmission companies, 23 AEP renewables, the different affiliates you have, 24 that would be approximately one-sixth to one-seventh 25

764 of the votes cast on an ordinary ballot at the 1 planning committee. 2 Yes, that's a fair assessment. 3 Α. And is it -- let me ask it this way: Is that 4 Ο. the general case for the operating committee and the 5 MIC as well? 6 The MIC tends to get more of the -- the 7 Α. nonsector votes, more of the affiliate votes because 8 the MIC usually attracts a broader cross section of 9 participants from the other supplier sector, from 10 the end-use customer sector. 11 The planning committee and the operating 12 committee are usually a little smaller, a little 13 more focused on technical-type issues and so attract 14 a fewer number of voters. 15 Okay. So we've got your participation in the 16 Ο. subcommittees and the higher-up committees. 17 Are you aware if -- if the transmission owners 18 generally or AEP generally reserved any of its 205 19 filing rights when it joined PJM? Let me ask it 20 21 this way --22 Α. Reserved its AEP 205 rights? Let me withdraw that. Are you aware of any 23 Q. PJM-related, right, or issues dealing with PJM, 24 like -- let's say transmission planning. 25

Transmission planning, would you agree, has been a 1 big conversation at PJM over the last two or three 2 years particularly? 3 Yes. 4 Α. And you would agree that it's at least 5 Ο. focused on these end-of-life projects at least 6 7 recently, correct? That has been a big focus, yes. 8 Α. And AEP and -- or some of its affiliates, but 9 Ο. AEP and the other transmission owners, for instance, 10 made a filing at FERC -- time doesn't matter 11 anymore -- but six, eight months ago on the issue of 12 end of life planning, correct? 13 Correct. 14 Α. And that's a right that those transmission 15 ο. owners reserved when they joined PJM, is the ability 16 to still file those types of things on their own 17. behalf? 18 That is correct. 19 Α. And as a -- please go ahead if you have 20 Q. additional. 21 Yeah, that may be the end of my useful 22 Α. knowledge on it. I am aware of the CTOA agreement 23 and these 205 rights. I was not involved in that 24 original -- how that was set up, but I do know what 25

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you're talking about there.

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2	Q. I just have one more question on the issue
3	because I think we may exhaust both of our knowledge
4	on the issue, but are you aware that is it your
5	understanding that most other members don't have
6	that right, for instance, to still file things, you
7	know, to their benefit or to their credit at FERC on
8	issues that still deal with them as members of PJM?
9	A. Yes. This this 205 rights that are
10	retained by the transmission owners and
11.	understand that's not being in the transmission
12	sector is different from being a transmission owner.
13	It sounds the same, but being part of a transmission
14	sector is merely for governance and the voting

But if you are a transmission owner and you 16 own transmission assets, yes, you're part of that 17 205 -- that special 205 agreement where you can file 18 with FERC for transmission rates within your system. 19 Okay. And have you ever heard of a document 20 Q. called the joint reliability coordination agreement 21 that's between PJM and TVA that may have been 22 recently brought to the TOAC, Transmission Owners 23 24 Advisory Committee? I -- I don't remember anything about that. Τ 25 Α.

do -- I am aware of it, and that's about it. I'm 1 not aware that it was brought to the TOAC recently. 2 Well, just very quickly, can you tell me what 3 0. the TOAC is? 4 Transmission Owners Advisory -- I think it's 5 Α. Advisory Committee, but it is where the -- the 6 owners of transmission, they talk about various 7 transmission issues and usually with PJM involved 8 And it's more of a -- I haven't attended one 9 too. of those in probably ten years, but I do know they 10 exist. 11 Okay. Then I won't ask you any more 12 0. questions other than you know it exists, and you 13 14know that they -- are you aware that the TOAC reserves some 15 rights as it relates to transmission planning and 16 cost allocation after the transmission owners' 17 participation or joining PJM? 18 I'm not aware of the relationship between the 19 Α. CTOA, that agreement, and the TOAC. 20 That's fair. 21 Q. So I'm not aware of the relationship. 22 Α. Just bear with me for one second, Mr. Horton. Q. 23 And I would just ask, as it relates to FTRs or 24 markets in general that are administered by -- well, 25

withdraw that. 1 You would agree that there is an FTR market 2 administered by PJM, correct? 3 Correct. Ά. 4 In addition to an energy market; is that 5 Ο. right? 6 7 Α. Yes. And a capacity market? 8 Q. 9 Α. Yes. Okay. And an ancillary benefits. There's 10 0. also a market for ancillary benefits, right? 11 Ancillary services? Α. 12 Services, yeah. Excuse me. Q. 13 Yes. Α. 14 Are you aware of any other markets that they 15 Q. 16 run? Well, in -- there are other financial markets 17 Α. that they run, the virtual transactions, the up-to 18 congestion transactions. So those -- those 19financial markets are in play also. 20 Okay. And is it your understanding that AEP 21 Ο. Service Company -- or I think it's service company, 22 but AEPSC, insofar as Kentucky Power is involved in 23 any FTR markets, AEPSC does that -- AEPSC is the 24 entity that has that involvement on Kentucky Power's 25

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behalf? Is that your understanding? 1 Our commercial operations people are 2 Α. Yes. involved with making those choices, yes. 3 And let me ask, has the level of involvement Ο. 4 by you or anyone else at the AEPSC on behalf of 5 Kentucky Power changed following the GreenHat 6 default with regards to FTRs? 7 I'll start to answer your question, 8 Α. Mr. Vice Chair. As far as specifically the activity 9 that we do within the FTR markets, no, it has not 10 changed. Our change in involvement in PJM is we 11 have been actively involved with the -- the new 12 chief risk officer and all of the task force and 13 committee discussions that have taken place 14 subsequent to the GreenHat default to reshape the 15 credit and collateral rules, as well as the upcoming 16 discussions on changes in the FTR market. 17 And I -- again, it was an inartful question: 18 Q. I'm getting used to asking those. I meant 19 specifically at PJM in regard to the stakeholder 20 process. 21 Would you say that the involvement has 22 increased since the default of GreenHat? 23 Short answer, yes. 24 Α. Have you all hired additional people at 25 Yes. Q.

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AEP to address maybe some of the shortcomings 1 you-all may have or to add additional manpower to 2 have additional oversight or insight into those PJM 3 rules? 4 I'm not aware of hiring additional people. Τ 5 Ά. think we've had more discussions between commercial 6 operations, the RTO representatives, and our credit 7 and collateral people in light of the GreenHat 8 default. 9 And, you know, meetings like the FRMSTF, the 10 Q. financial risk mitigation senior task force, that 11 was created or at least coincident or in response to 12 the default of GreenHat, right? 13 Α. Yes. 14 And you-all are participating in those 15 Q. meetings? 16 Yes. 17 Α. Okay. And so have you -- I know you couldn't 18 Q. answer about whether you've hired more people or AEP 19 has hired more people to provide additional insight 20 or oversight over the issue. Have you changed 21 internal processes in response to the PJM GreenHat 22 default or any rules internally so that you-all have 23 more insight or additional oversight over your 24 participation in PJM? 25

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I'm -- I am not aware if we've changed any Α. 1 credit collateral policies within PJM. I don't 2 believe we've changed the way we do our FTR 3 selections. I do not know the -- I'm not aware of a 4 change in our credit -- our own credit and 5 collateral policies that we have undertaken because 6 of GreenHat. 7 And I think this is the last question. 8 0. Taking a big step back, has AEP changed their 9 participation in PJM in any way related to 10 attempting to identify or ultimately address any 11 shortcomings of rules or regulations that emanate 12° from PJM that may affect its customers or its 13 participation since the GreenHat default? 14Could you repeat the question, Mr. Vice 15 Α. Chair? 16 Yeah. And maybe it will be better to ask it 17 0. a little differently. 18 Would you agree that the GreenHat default was 19 an issue with PJM rules? 20 Yes. 21Α. And would you agree that it would seem from 22 Ο. the studies done on that default that very few 23 people knew that the rules were no good? 24 That's exactly what the report 25 Yes. Α.

indicated at the time of the default.

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Q. So let me ask -- excuse me. I'm sorry.

And let me ask this, and I'll ask it as simply as possible. Is AEP doing anything different moving forward to ensure that AEP is able to find and change, for their own behalf, right, find and change rules at PJM that are no good?

A. I think we've had a very active involvement
with the FRMSTF, the financial risk management
senior task force, by our credit and collateral
people, and so we're more proactive now than before
for GreenHat.

We were participating in the credit and 13 collateral senior task force at that time. The 14 GreenHat default really emphasized the importance of 15 the credit rules in place. And so I know we've 16 increased our participation, we've got more people 17 participating in those -- in those discussions. And 18 so yes. 19

Q. Yeah. But I guess I was asking, even beyond the FTR issue, have you-all taken a step back and said maybe we need to be more -- we need to be more in the weeds, right? Or we need to be following things closer, or we need to dedicate more resources to our participation because there is a significant

downside risk to all the different markets we 1 2 participate. Has that occurred at the AEP level as it 3 relates to PJM since the GreenHat default? 4 I do not know, Mr. Vice Chair. 5 Α. VICE CHAIRMAN CHANDLER: Okay. All right. Ι 6 appreciate it, Mr. Horton. Thank you very much. 7 CHAIRMAN SCHMITT: Dr. Mathews, questions? 8 COMMISSIONER MATHEWS: I don't have any 9 Thank you. questions. 10 CHAIRMAN SCHMITT: Mr. Overstreet, any 11 redirect examination? 12 MR. OVERSTREET: Just a little bit, Your 13 Honor. 14 REDIRECT EXAMINATION 15 By Mr. Overstreet: 16 Mr. Horton, in connection with your 17 Q. discussions with the Vice Chairman, do you have an 18 opinion whether AEP has any oversight shortcomings 19 with regard to the PJM rules? 20 If we have any oversight shortcomings? 21 Α. Right. In connection with the manner in 22 0. which the service corp participates in PJM and 23 monitors the PJM rules, do you think that the 24 service corp's procedures, methods, et cetera, allow 25

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the Company to keep abreast of those rules and act appropriately?

A. In my opinion, yes, I think we've got a robust credit and collateral group that we talk to regularly and have talked to regularly about the changing PJM landscape.

And so we keep them informed of all the changes in the overall rules that are coming along, and I know that they -- they appreciate our -- our interchange and that they are actively reviewing our risk policies and how they -- they affect our -- how we operate in PJM.

So, yes, they are active. I don't know that they're more active now than before GreenHat. Obviously, it does focus their attention, but they've always been a robust group in overseeing our risk positions.

Q. Thank you.

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And were there any shortcomings on AEP's part that in any way contributed to the GreenHat default? A. I don't think so. We -- how our regulated side of the house -- and even -- even mostly on the deregulated side of the house, we do not actively trade in the FTR markets. We use the FTRs as they are allocated to us by PJM to manage the congestion

risk for our -- to meet our own load in Kentucky 1 Power and all our operating companies. 2 So we had no high-risk activity in the FTR 3 market where we were actively trading with GreenHat 4 or even -- even trading to the extent that we knew 5 that there was a GreenHat out there. 6 And the independent consultant's report that 7 Q., you talk about in your rebuttal testimony, at whose 8 feet did the independent consultant lay the blame 9 for the GreenHat default? 10 Well, it was clearly on PJM and PJM senior 11 Α. management, and I think we saw the fallout from that 12 from resignation of several of the senior managers 13 at PJM, including the CEO and the chief financial 14 officer. 15 And did the independent market monitor detect 16 Ο. and report the GreenHat issue? 17 No, the market monitor did not. And the 18 Α. independent consultant report did interview and talk 19 to the market monitor, evaluated his contract, and 20 the consultant report did not -- did not, I guess, 21 blame the market monitor for missing the GreenHat 22 situation. 23 And you and the vice chairman were talking 24 Q. about the -- I think he called them the two big 25

committees where there's sector voting?

A. Yes.

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Q. Which type of interest have the greatest 4 sector voting power?

A. Well, in a lot of cases the -- there are two sectors, the end-use customer sector and the energy delivery sector, which is the MUs and co-op. They have mostly a very unified position, and they also have two of their representatives who carry a large number of proxy votes.

And so you get a couple of individuals that come to the members committee and the MRC committee that carry a large number of votes that essentially carry those two sectors and then unanimity.

So there's kind of a lock on 40 percent of the 1.5 vote by -- largely by even a couple of participants. 16 And transmission sector usually will vote in unison, 17 but not -- not -- anymore, even the transmission 18 sector gets split up a lot as a number of the 19 transmission owners are divesting of generation, and 20 the generation sector has various interests too with 21 renewables versus fossil generation. 22

23 So it's -- having a kind of a lock by a number 24 of folks on those two sectors by proxy voters is a 25 big deal anymore.

And I think you testify in your rebuttal 1 Q., testimony that, in this sector voting, AEP is a 2 single vote; is that correct? 3 Single vote within the transmission sector. 4 Α. And if -- if Kentucky Power -- let me go 5 0. about it this way. 6 Were you here yesterday when there was 7 discussion about Kentucky Power becoming its own 8 transmission zone? 9 Α. Yes. 10 And if Kentucky Power became its own 11 Ο. transmission zone, would it have its own vote in the 12 13 sector voting? The way PJM looks at sector voting is if 14 Α. No. a company falls within or under the umbrella of a 15 holding company, it only gets one vote. And a most 16 recent example might be when Exelon took over 17 Baltimore Gas & Electric. Essentially one vote went 18 away because Baltimore Gas & Electric no longer had 19 their own vote. It got absorbed into the Exelon 20 sector vote. 21 And then what about the case of FirstEnergy 22 Q. where a number of its operating companies are in 23 different transmission zones? 24 It's the same -- same effect. FirstEnergy, 25 Α.

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when it comes to sector-weighted voting, gets one 1 vote despite having transmission zones in New Jersey 2 and eastern Pennsylvania, as well as Ohio. 3 Ι MR. OVERSTREET: Thank you, Mr. Chairman. 4 think that's all the questions I have now. 5 CHAIRMAN SCHMITT: All right. Mr. Horton, 6 you may step down. Thank you for your testimony. 7 MR. OVERSTREET: Mr. Chairman, our next 8 witness is Jason Stegall, and Mr. Stegall is going 9 to join us remotely. So I believe he can be 10 available right now. He's on the screen. 11 CHAIRMAN SCHMITT: Okay. Mr. Stegall, will 12 you please raise your right hand? Do you solemnly 13 swear or affirm under penalty of perjury that the 14 testimony you're about to give will be the truth, 15 the whole truth, and nothing but the truth? 16 THE WITNESS: I do. 17 CHAIRMAN SCHMITT: Thank you. Mr. 18 Overstreet, you may ask. 19 JASON STEGALL, called by the Kentucky Power 20 Company, having been first duly sworn, testified as 21 follows: 22 MR. OVERSTREET: Your Honor, Ms. Glass is 23 going to ask. 24 CHAIRMAN SCHMITT: Ms. Glass, you may 25

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interrogate your witness. 1 MS. GLASS: Thank you, Your Honor. I'll need 2 one minute to sanitize this area. 3 Sorry for the delay. 4 DIRECT EXAMINATION 5 By Ms. Glass: 6 7 Mr. Stegall, can you please state your name, Ο. 8 business address, and employer. My name is Jason Stegall. My business 9 Α. address is 1 Riverside Plaza, Columbus, Ohio 43215, 10 and my employer is AEP Service Corporation. 11 And can you please state your position with 12 Q. 13 AEPSC. I'm the manager of regulatory pricing and 14 Α. analysis. 15Thank you. And did you cause to be filed 16 Q. into the record of this case direct testimony and 17 answers to data requests? 18 Yes, I did. Α. 19 Do you have any corrections to those answers? 20 Q. I do not. 21 Α. 22 Or to your direct testimony? Q. 23 Α. No, I do not. 24 Q. Thank you. So if I were to ask you those same questions 25

780 today, would you have the same responses? 1 2 Α. Yes, I would. MS. GLASS: Thank you. The witness is 3 available for cross-examination. 4 CHAIRMAN SCHMITT: Thank you. 5 Ms. Vinsel, cross-examination? 6 MS. VINSEL: Thank you, Chairman. 7 Good afternoon, Mr. Stegall. 8 THE WITNESS: Good afternoon. 9 MS. VINSEL: I do not have any questions for 10 11 you today. CHAIRMAN SCHMITT: Mr. West or anyone on 12 behalf of Attorney General's Office, any questions 13 of this witness? 14 MR. WEST: None for this witness, Your Honor. 15 Thank you. 16 CHAIRMAN SCHMITT: Mr. Kurtz, questions? 17 MR. KURTZ: No, Your Honor. 18 CHAIRMAN SCHMITT: Ms. Grundmann? 19 MS. GRUNDMANN: No questions, Your Honor. 20 CHAIRMAN SCHMITT: Mr. Spenard? Questions? 21 MR. SPENARD: No questions, Mr. Chairman. 22 CHAIRMAN SCHMITT: Mr. Fitzgerald, questions? 23 MR. FITZGERALD: No, Mr. Chairman. Thank 24 25 you.

1	CHAIRMAN SCHMITT: Mr. Miller?
2	MR. MILLER: Yes, Mr. Chairman. I do have a
3	few questions.
4	CROSS-EXAMINATION
5	By Mr. Miller:
6	Q. Hi, Mr. Stegall. How are you?
7	A. All right. How are you doing?
8	Q. Good. Thanks. My name is Matt Miller. I
9	represent Sierra Club here. We're going to pray
10	that my computer stays alive through this series of
11	questions because it crashed not too long ago. So
12	my apologies if that happens again. Knock on wood.
13	Mr. Stegall, I wanted to ask you some
14	questions to better understand the methodology in
15	place for the decision whether and how the Mitchell
16	coal units are committed to dispatch in PJM, and in
17	particular the decision whether to self-schedule
18	versus market- or economic-commit.
19	So just just to get us going for some
20	high-level context and definitions, is it correct to
21	define "self-scheduling," you know, in a few words
22	as a generator and an RTO signaling to the market
23	operator a day ahead of time that a unit is going to
24	operate regardless of the prevailing market price,
25	so it will dispatch and take whatever is the

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782 prevailing price for its energy that day? 1 I'm going to -- I'm going to be clear. When 2 Α. we talk about dispatching -- you can hear me, 3 correct? 4 You know, I can make it out, but it's a 5 0. little rough coming through to me anyway. I'm not 6 sure of other folks. 7 CHAIRMAN SCHMITT: Yeah, sometimes the audio, 8 Mr. Stegall, isn't what it should be. So if you 9 could speak up or maybe get closer to the 10 microphone. 11 Is this better? THE WITNESS: 12 MR. MILLER: You know, maybe try again. That 13 was actually a little rougher for me. 14 THE WITNESS: All right. Is this better? 15 Oh, that's crystal clear. MR. MILLER: 16 Crystal clear. 17 THE WITNESS: All right. Perfect. 18 Thank you. 19 MR. MILLER: So going back to your question about 20 Α. dispatching, I want to be clear, when we talk about 21 unit dispatch, there's the making sure that the unit 22 is on, which is committing the unit in the day ahead 23 as a must-run, and then there's the dispatch, which 24 dispatches the unit from the economic minimum up to 25

whatever we've identified as the economic maximum. 1 That is -- that's I appreciate that. Great. 2 0. a good distinction. And I think what I was getting 3 at with the self-scheduling being the decision to --4 to make the units available and make them price 5 takers regardless of what the market price is going 6 to be that next day. Is that right? 7 And so that's -- you mean turning the unit on 8 Α. or leaving it on regardless of what we expect the 9 market price to be. Is that --10 Maybe we're describing different ways, Q. Yeah. 11 but my understanding is that self-scheduling, as 12 distinct from market- or economic-committed -- you 13 know, the RTOs have different terms for this -- but 14that coal units in particular will often 15 self-schedule because they're not able to ramp up 16 and down quickly like a gas unit, and need to make a 17projection as to whether it's going to be economical 18 to run into the end of the coming days, and so 19 self-schedule and basically take whatever the 20 prevailing market price is that day, even if it 21doesn't cover the unit's variable operating costs. 22 So you make that projection, you know, 23 anticipating that we're going to be in the black 24 here, so we're going to self-schedule the units. 25

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Is that a fair characterization? 1 To be clear, when we're talking about coal 2 Α. units, like the Mitchell unit, the ramp rates and 3 the ability to start the unit and, if you shut it 4 down, the expectation of how long it will be down, 5 all of that has to figure into this -- this 6 decision. So --7 Right. 8 Ο. -- you're attempting to make a decision over 9 Α. a longer period of time than the market is willing 10 to schedule through the day-ahead market. 11 Got it, Right. And I agree with that. 12 Ο. Great. I just wanted to kind of get that fundamental 13 distinction between a self-scheduling versus market 14or economic commitment mode. 15 Right. And as -- just I want to make sure 16 Α. we're still talking same terms. So if I'm -- if you 17 operate a generating unit in the market, let's --18 you have an economic distinction or a must-run 19 distinction or, for some reason, you're in an 20 So this is -- this is outage, unavailable. Right? 21the piece you're talking about because, once the 22 unit is on, the unit is dispatched by the market. 23 Well, once -- once the operator has made the 24 Ο. 25 decision to --

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-- to must-run the unit at an economic 1 Α. minimum, then anything above the economic minimum is 2 dispatched by the market. 3

And so let me be clear, though. Are there 4 0. periods when a coal -- could be any unit, 5 theoretically, but if you self-schedule a unit and 6 say it's going to run, will it be called by the 7 market operator even -- even when it's not meeting 8 its variable costs? You signal to the market 9 operator, This is going to be running, and it will 10 take the price of the market, and we've committed to 11 that, regardless of whether a certain number of 12 hours or that day, it's in the black as a variable 13 operating cost matter. 14

Only to the level of economic minimum. 15 Α. Anything above that is the market making the 16 decision to dispatch you higher. So if I 17 self-commit or must-run my unit in PJM, I'm 18 committing to run it at economic minimum. Anything 19 above that would be identified by the market, and 20 the market would be dispatching it. 21 Okay. Understood. Thank you for that.

But it's possible that in that scenario that 23 the unit could lose money at that economic minimum? 24 It's certainly possible. It's certainly 25 Α.

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Q.

possible. It could make money as well. 1 Of course. Of course. And your Right. 2 0. forecasts are meant to avoid situations where it's 3 going to lose money at the economic minimum. 4 What -- and what specific forecasts are you 5 Α. 6 referring to? Well -- so good. So we can get into it now. 7 Q. That's -- that was helpful context. So thank you. 8 So you had indicated in a discovery response 9 that -- and I'm just going to read it. I don't 10 think it's controversial. I'm just going to read a 11 few lines -- (Reading) that on a daily basis a 12 six-day estimate of potential margins is prepared 13 and reviewed by the AEPSC commercial operations. 14 Is that right? 15 That's correct. 16 Α. Uh-huh. (Reading) And from that review, the 17 0. commitment status of every unit is determined for 18 the next market day, and that when considering the 19 commitment status of the Mitchell units, this 20 includes consideration of the variable costs of the 21 unit versus the forecasted LMP to determine those 22 potential margins. 23 That's one of the part of the consideration? 24MS. GLASS: Mr. Miller, would you please 25

identify which data request you're referring to? 1 MR. MILLER: Yes, absolutely. I apologize. 2 So this is Mr. Stegall's Kentucky Power's September 3 16th response sponsored by Mr. Stegall to Sierra 4 5 Club 2-3, and in particular Subsection B. MS. GLASS: Thank you. 6 Okay. Sorry. What was your question? 7 Α. Basically just reading this response back 8 Q. that there are a variety of factors that AEPSC 9 commercial ops considers. The variable costs of the 1.0unit versus the forecasted LMP. Other factors 11 considered for unit commitment include start-up 12costs, safely managing fuel inventories, contractual 13 commitments, mandatory environmental and the like. 14 Is that -- that describes, at a high level, 15 the decision-making process that you're referring 16 to? 17 Yes. Α. 18 All right. Can you tell me what the AEPSC 19 Q. commercial ops team looks like? Who's on it? Are 20 you on it? 21 So the commercial operations organization 22 Α. generally breaks down into three sections. There's 23 a fuel procurement section, there's a section that 24 deals with the energy markets and all the data 25

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submitted into those markets, and then there's a 1 section that deals with everything from making sure 2 our PPAs get paid on a monthly basis to the proper 3 accounting for the results of anything that comes 4 through any of the markets that we participate in. 5 And, roughly, how many people is that, and 6 0.. who do they report to? 7 I'm not sure how many people there are. 8 Α. There is a senior vice president of commercial 9 operations, and then each of those three groups that 10 I mentioned is headed up by a vice president that 11 reports to her. 12 I see. And remind me who that senior VP is, 13 0. 14 please. 15 Α. Julie Sherwood. All right. Are you on one of these, that 16 0. team or its subteams, Mr. Stegall? 17 No. I work at regulatory services. 18 Α. Is any other witness in this case, such as 19 Ο. Mr. Vaughan or anyone else, on any of those teams? 20 Not that I'm aware of. 21 Α. Okay. You said that was Ms. Sherwood? 22 Q. 23 Α. Yes. Thank you. All right. 24 Okav. Q. I think you said in that discovery response 25

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that -- I'm just going to say commercial operations 1 and leave out the AEPSC, if that's all right. 2 That's fine. 3 Ά. (Reading) Commercial operations is the final 4 Ο. authority that determines the commitment status for 5 each available generating unit for the next market 6 7 day. So I just -- I think this is pretty clear, but 8 I just want to be crystal clear that no one at 9 Kentucky Power specifically has input or authority 10 to overrule commercial operations as far as the 11 day-to-day commitment decision-making. Is that 12 correct? 13 I -- I'm not aware the logistics of that. Ι 14 Α. would -- I would have to defer to Mr. Mattison. I'm 15 not aware that this situation has come up. 16 I see. You personally are not, at least, 17 Ο. involved in having input into the day-to-day 18 commitment decisions? 19 I'm merely a witness to the process. 20 Α. No. Okay. Thanks. So possibly Mr. Mattison. 21 Q. You're not necessarily aware of anyone else that 22 would be consulting with commercial operations, 23anyone from KPC who consults with them regularly 24 about the commitment decisions or patterns of 25

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1 commitment decisions? Keep in mind these commitment decisions 2 Α. aren't completely made in a vacuum. Mr. Kerns and 3 his staff would have input into any decisions that 4 would affect the reliability or the safety at the 5 plant. 6 Commercial operations is the final decision 7 point, but Mr. Kerns and his staff are the ones on 8 the grounds at the power plants, understanding what 9 10 the operational issues are. I see. So, for instance, if there were a 11 0. stack test that needed to be done or some kind of 12 compliance testing, that could be an instance where 13 you say we got to operate this, but otherwise --14 15 otherwise you're not --16 Α. That's an example. Okay. Other than that, you're not personally 17 Ο. aware of anyone else? 18 19 Α. No. Okay. Do you happen to know, does AEP -- so 20 Ο. Mitchell is co-owned by KPC and Wheeling Power. 21 Do you happen to know, does AEP commercial 22 operations assume that the respective interests of 23 KPC and Wheeling Power are coextensive for purposes 24 of making Mitchell's commitment decisions? 25