E-2, Sub 1095, E-7, Sub 1100, G-9, Sub 682 Duke and Piedmont - Volume 3

1 PLACE: Dobbs Building 2 Raleigh, North Carolina 3 DATE: July 19, 2016 DOCKET NO.: E-2, Sub 1095 4 5 E-7, Sub 1100 G-9, Sub 682 6 TIME IN SESSION: 2:00 P.M. TO 4:26 P.M. 7 8 BEFORE: Chairman Edward S. Finley, Jr., Presiding 9 Commissioner Bryan E. Beatty 10 Commissioner ToNola D. Brown-Bland 11 Commissioner Don M. Bailey Commissioner Jerry C. Dockham 12 Commissioner James G. Patterson 13 14 Commissioner Lyons Gray 15 16 IN THE MATTER OF: 17 Application of Duke Energy Corporation and Piedmont Natural Gas, Inc., to Engage 18 19 in a Business Combination Transaction 20 and Address Regulatory Conditions and Codes of Conduct 21 22 VOLUME 3 23 24

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1	PROCEEDINGS
2	CHAIRMAN FINLEY: It's your witness, Mr. West.
3	CONTINUED CROSS EXAMINATION BY MR. RUNKLE:
4	Q Mr. Barkley, we've gone through the regulatory
5	side. Now let's look at the Code of Conduct.
6	A Yes.
7	Q All right. Page 9 at the bottom,
8	Nondiscrimination.
9	A Yes, sir.
10	Q In 9.1, it says, "DEC, DEP's and Piedmont's
11	employees and representatives shall not unduly
12	discriminate against non-Affiliated entities." What is
13	what kind of discrimination is it referring to?
14	A It could be in any shape, form or fashion, but
15	I think it to go ahead and read the rest of Section B
16	there, I think, would be helpful. We're talking about
17	the it shall not provide any preference in any shape,
18	form or fashion to an affiliate that you wouldn't provide
19	to a non-affiliate; the application of tariffs in
20	paragraph 3 there; a request for service in paragraph 4
21	would be a good example. That request for service should
22	be handled consistently, regardless of whether such
23	request comes from an affiliate or a non-affiliate.
24	Those would be some examples.

1	Q Similar to the Regulatory Commissions, how will
2	this code be who's going to enforce this code?
3	A The Company, upon signing the document, and if
4	the these codes are this Code of Conduct is
5	approved by the Commission. The Company will be
6	obligated to follow it as it does any directive from the
7	Commission. The Company's books and records are open for
8	review by the NCUC Public Staff and by the Commission
9	Staff, so those are some ways that it could be reviewed.
10	Also, if a party felt they were being discriminated
11	against, they would have a remedy here at the Commission
12	or the right to raise a complaint regarding
13	discrimination.
14	Q I just have to ask, what is "unduly
15	discriminate"? Can you duly can you you should not
16	unduly discriminate. What does that mean?
17	A I think that here's how I would answer that
18	as a non-lawyer, Mr. Runkle, is that, you know, to unduly
19	discriminate would be to disadvantage someone by treating
20	someone else in a more favorable manner. I think you can
21	be consistent and fair and within the Code of Conduct
22	without treating everybody the exact same. If
23	circumstances differ, the type of customer, its load is
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different, then you wouldn't treat that customer in

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1	exactly the same manner. It doesn't mean it would be
2	inappropriate; it would just be different.
3	Q So on page 16 of the Code of Conduct on the
4	Complaint Procedure, is the log of complaints, will that
5	be reviewed by the Commission or the Public Staff?
6	A That log of complaints would be like all the
7	rest of DEC, DEP and Piedmont's books and records. It
8	would be available for inspection. As it says in
9	G(1)(d), it would we would permit inspection of
10	documents by the Commission, its staff, and the Public
11	Staff, so it's their ability to look at that log would
12	be consistent with their ability to look at all our books
13	and records, which is very broad.
14	MR. RUNKLE: I have no further questions for
15	the witness.
15	the witness. CHAIRMAN FINLEY: Mr. West?
16	CHAIRMAN FINLEY: Mr. West?
16 17	CHAIRMAN FINLEY: Mr. West? CROSS EXAMINATION BY MR. WEST:
16 17 18	CHAIRMAN FINLEY: Mr. West? CROSS EXAMINATION BY MR. WEST: Q Good afternoon, Mr. Barkley. How are you?
16 17 18 19	CHAIRMAN FINLEY: Mr. West? CROSS EXAMINATION BY MR. WEST: Q Good afternoon, Mr. Barkley. How are you? A Mr. West, fine. Thank you.
16 17 18 19 20	CHAIRMAN FINLEY: Mr. West? CROSS EXAMINATION BY MR. WEST: Q Good afternoon, Mr. Barkley. How are you? A Mr. West, fine. Thank you. Q I would like to start where I think we sort of
16 17 18 19 20 21	CHAIRMAN FINLEY: Mr. West? CROSS EXAMINATION BY MR. WEST: Q Good afternoon, Mr. Barkley. How are you? A Mr. West, fine. Thank you. Q I would like to start where I think we sort of left off with Dr. Reitzes with regard to the components

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1	There's a commodity gas component, interstate
2	transportation component and a local transportation or
3	more typically called a distribution component to the
4	cost of gas that's ultimately sold, correct?
5	A Yes.
6	Q If we turn to the Code of Conduct, page 13,
7	Section D, as in dog, 3, (e) as in echo, there is a
8	provision that appears to be designed to address the
9	potential risks that we discussed with Dr. Reitzes
10	concerning the anti-competitive impact of vertical
11	integration. Is it fair to characterize this as a
12	provision to address that particular risk?
13	A I'm going to answer it slightly different. I
14	really have not prepared to discuss vertical versus
15	horizontal integration. I did listen to the conversation
16	you had with Dr. Reitzes, so as far as really being able
17	to distinguish all of the specifics and the various terms
18	he used and so forth, I'm not sure I want to speak on
19	behalf of the market power study that The Brattle Group
20	did. But I would say this is this, as is the entire
21	set of conditions in this Code of Conduct, is put in
22	place to protect customers at a very high level, so I
23	think that's a that's an in general yes to your
24	question, but I don't know if I want to start getting
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1 into the specifics of horizontal versus vertical types of 2 integration, those -- that level of specifics. Q That's disappointing, because my next question 3 was going to be if you could identify any other part of 4 5 the Code of Conduct or the Regulatory Conditions that provided protection to municipals or electric co-ops with 6 7 regard to vertical integration. Well --8 А 9 Is that something you could take a stab at? Q 10 Sure. Sure, because I'm going to substitute Α protection of those customers in general with protection 11 from vertical integration. I think -- I think the 12 umbrella would cover whatever kind 13 14 0 Well, that's --15 -- of integration you were looking at. А 16 And I apologize for interrupting. I'm not Q 17 asking you about protection in general. I understand 18 there are lots of provisions that are designed to provide 19 general protection. What I was really asking about is 20 protection that's specific to the risks imposed by 21 vertical integration which was the third part of The Brattle Group study. 22 23 I think, Mr. West, I'm -- since you ask, I will А respond to some of the many places where customers are 24

protected in the Reg Condition. I would draw your 1 2 attention to 5.22 where --3 Q What page? -- where -- 5.22 of the Reg Condition is on А 4 page 28 of my version. There's a hold harmless from this 5 transaction for all customers. That would include 6 7 municipal customers and that would include any type of harm, however you would want to define it. 8 9 But that's a -- that's a general protection. 0 10 That's not specific to the issue of vertical integration, 11 correct? 12 Α I think that it -- from my perspective, a general protection is a protection for vertical 13 14 integration or any other kind of integration. Is it --15 is that term -- if you're asking is the term in this 16 document that this paragraph specifically addresses 17 vertical integration, I think you could do a word search 18 and you would not find that, so I don't believe we would 19 sit here and find that specific. But the things that that I just pointed you to, the nondiscrimination that I 20 21 discussed just a minute ago with Mr. Runkle, and there is -- there's a section that has been added for this merger 22 proceeding on competition. There are many areas. 23 Section H of the Code of Conduct, page 17, talks about 24

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1 competition between the utilities. So I think that the entire document is replete with consumer protection, but 2 lacking, to your point, anything that specifically 3 references the term vertical integration. 4 Well, I'm not referencing -- I'm not asking 5 Q about the specific reference to the term vertical 6 7 integration. I'm asking about the concept. If you look at The Brattle Report, it was identified as third-party 8 generation, I believe, is the issue he was addressing. 9 10 And as we addressed in cross examination, that was a vertical integration issue. So I was simply asking if 11 12 there are provisions other than (e) on page 13 that are specific to the issue of vertical integration. 13 14 So (e) on page 13, I think, is a great example, Α 15 and it lists there how all people are going to be -- all 16 counterparties are going to be treated in a similar 17 manner. 18 Okay. That provision is specific to shippers, Q 19 though, right? 20 Yes, which would include your client. Α 21 Q Okay. So shippers has a specific definition? 22 It does. It -- the --Α 23 Those are --Q The definition of shipper, if I may, is a non-24 А

affiliated gas marketer, a municipal gas customer or an 1 end user of gas. 2 3 0 Okay. So how about if I ask it this way? Are there other provisions in the Regulatory Conditions or 4 the Code of Conduct that are specific to shippers? 5 Not to my knowledge. To the extent shippers 6 А 7 are customers, then they're covered under the many places that I've just mentioned, so to me the answer is yes. 8 I'm not sure that the term shipper is used a tremendous 9 10 amount throughout this document other than as you just 11 took us to D.3.(e). 12 Q And this provision (e) on page 13 was renegotiated as part of the settlement of the Public 13 Staff, correct? 14 15 А Well, let's take a look at the specifics, because there -- there's a blackline version that was 16 17 filed, so I will go to the blackline version. I -- it certainly was changed as a result of this docket, and it 18 19 was added as a result of this current docket that we are 20 gathered here today for. Are you referring to the blackline version 21 0 22 dated June 10th, 2016? 23 Α Yes. That's a blackline from the Duke Energy 24 0

Carolinas/Duke Energy Progress Regulatory Conditions and
 Code of Conduct, is it not?

3 А That's right. And as you're probably well aware, this Code of Conduct was based on that. That's 4 the most recent proceeding where the Code of Conduct and 5 the Reg Conditions were updated, but many of the terms 6 7 and conditions in our Code of Conduct and our Reg Conditions have been around for a long time. 8 There have 9 been a series of mergers and -- going back to the 1990s 10 that were referenced yesterday and again today, and this 11 document has been constructed since then with additional terms and conditions. 12

Q Okay. When the application was filed, did the Companies -- did the Applicants not include a proposed set of Regulatory Conditions and Code of Conduct?

16 A We did.

17 Q And was that not admitted at the outset of the 18 hearing as part of the Company's evidence?

19 A Let me check that fact. I have it here. I20 don't have it memorized.

21 MR. SOMERS: May I respond in an effort to just 22 move things along? I think the question, was it admitted 23 at the beginning of the hearing, the answer to that is 24 yes. I think Mr. Barkley is trying to answer your

1 question as was that specific provision in the code part of what the Companies filed in January, so maybe we need 2 3 to clarify what he's trying to answer. MR. WEST: That's -- that's fine. 4 5 All right. So I now have what we filed in Α January, D.3. It was included in January. It was 6 7 further developed in -- on June the 10th. It was altered. 8 Meaning it was revised from January to June? 9 0 10 Yes. А 11 Okay. In May in this docket the Commission Q 12 issued a -- an order about discovery and -- well, actually, let me take one step back. 13 14 In the original January version there's a reference to shippers who are similarly situated, 15 16 correct? 17 А Yes. 18 Q As opposed to shippers who have comparable 19 characteristics, which is the current version; is that correct? 20 21 Α Yes. 22 So in May the Commission issued an order on the Q discovery issue and said -- I'm going to paraphrase as 23 best I can -- that the phrase "similarly situated" is a 24

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1	concept difficult to litigate in the context of the
2	issues under review in these dockets. Were you generally
3	aware of that?
4	A That was in response to the Motion to Compel, I
5	believe. So if that's the case, yes, I am generally
6	familiar with it, and I do have it with me.
7	Q Okay. So do you agree with the Commission that
8	the concept of "similarly situated" is difficult to
9	litigate in the context of the issues under review in
10	these dockets?
11	A Don't think I'm in a great position to disagree
12	with the Commission at this point, Mr. West, so sure, I
13	agree with the Commission's assessment that they offered
14	in that order, and because the term and it may not be
15	completely simple to give all the ramifications and
16	meanings and how to discern distinctions within that term
17	doesn't mean that it can't be done. So that that's
18	how I I did not remember that line from that order,
19	but certainly if you say that's what it says, I accept
20	that, so there maybe there are some difficulties in
21	discerning exactly what "similarly situated" means, and
22	certainly I would offer that the revised version goes
23	into more detail along those lines.
24	Q Okay. And that's

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1	CHAIRMAN FINLEY: Don't hesitate to disagree,
2	Mr. Barkley. Some people disagree with everything we do.
3	(Laughter.)
4	THE WITNESS: Trying to stay off of that list.
5	(Laughter.)
6	Q So one of the things I wanted to address with
7	you is whether the changes to this subsection (e) on page
8	13 of the Code of Conduct were made in response to the
9	Commission's comment about a potential deficiency with
10	the concept of being similarly situated.
11	A I don't know.
12	Q Okay. Do you know why the this provision of
13	the Code of Conduct is restricted to shippers who have
14	comparable characteristics as opposed to either shippers
15	or generating units?
16	A I don't know the answer to that question. My
17	impression, Mr. West, is that shipper, as defined, is
18	very broad and doesn't exclude your client or any other
19	generating unit.
20	Q Well, what I'm asking about, really, is
21	comparing one combined cycle facility to another. For
22	example, when we when we received your discovery
23	responses, you all distinguished between shippers and
24	potentially generating units. Do you recall that?

1	A I don't remember that distinction.
2	Q Okay. You understand what a generating unit
3	is, correct?
4	A Sure.
5	Q Okay. So does the definition of shipper that
6	we addressed earlier, does that include a generating
7	unit, or is a shipper an entity?
8	A Give me just a second, Mr. West. (Reviewing
9	documents.) So I didn't know I was going to have to
10	parse these definitions in this manner, but as a non-
11	attorney, to me, again, I'll repeat, it seems like this
12	particular definition is very broad, municipal gas a
13	non-affiliated gas marketer, municipal gas customer or an
14	end user of gas. From my perspective, a generator is an
15	end user of gas.
16	Q Is a generating unit an end user of gas?
17	A Sure.
18	Q Okay. So
19	A The unit is what consumes the gas.
20	Q All right. So is just hypothetically, is
21	Butler Warner facility a
22	MR. JEFFRIES: Yeah. Mr. Chairman, there may
23	be some confusion, but I'm having trouble understanding
24	what Mr. West is getting to, and I believe Mr. Barkley

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1	may be as well. The distinction between a shipper, which
2	is generally either a corporate entity or a live human
3	being whose contractual rights and obligations, either
4	implied or by separate agreement, and a piece of
5	equipment that burns gas, I I'm lost. I mean, we
6	don't I don't think Piedmont generally considers
7	inanimate objects to be their customers. I think that
8	they believe that they're the folks that they have
9	contractual obligations to are their customers.
10	MR. WEST: Was that an objection?
11	MR. JEFFRIES: It was an objection because I
12	I don't I think that my perception is that Mr.
13	Barkley is confused. Maybe he can elaborate on that, but
14	I sense confusion on his part and there's certainly
15	confusion at this table about that questioning or that
16	distinction.
17	CHAIRMAN FINLEY: I think he was trying to
18	clear up some miscommunication between you and the
19	witness, and we'll treat it as such.
20	MR. WEST: Sorry. I missed the last thing you
21	said.
22	CHAIRMAN FINLEY: We'll treat it as such.
23	MR. WEST: Is
24	CHAIRMAN FINLEY: I think he's trying to clear

up some -- what he views to be miscommunication between you and the witness and he's trying to clear it up, for what that's worth.

4 MR. WEST: Okay. But let me see if I can help.
5 Q Are you generally familiar with the Butler
6 Warner facility of Fayetteville PWC?

A Yes.

7

8 Q If Progress had a similarly sized, similarly configured -- sorry -- Duke Energy Progress had a 9 10 similarly sized, similarly configured gas burning generating station located down the street from Butler 11 12 Warner, would that be -- would Butler Warner be 13 considered a shipper that is -- has comparable 14 characteristics to Duke Energy Carolinas and Duke Energy 15 Progress, or is the comparison that's relevant for subsection (e) Fayetteville PWC versus Duke Energy 16 17 Carolinas and Duke Energy Progress, because obviously the 18 two entities are -- three entities are vastly different 19 size and scope? 20 Α I think the answer to the question was -- is 21 yes. The question -- and you went on afterward, but you said -- the original premise of the question was would we 22 treat a DEP facility and a Fayetteville facility that 23 were situated similarly, I think you said down the 24

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1 street, absolutely, we would treat them in a consistent 2 manner.

3 Meaning the negotiated rates offered to each of Q them would be either the same or very consistent and --4 5 Absolutely. It -- yeah. It would be based --А it's not based on the corporate entity. It's based on 6 7 the facility. And so the answer is yes, and we would 8 look in -- if there were two -- two exact, if you will, 9 identical twins in terms of they had every characteristic 10 the same, firm versus interruptible, what they were using 11 gas for, the pressure requirement, the distance from our 12 line, if Plant A and Plant B were completely identical, 13 then they would get an identical rate through this 14 process. 15 0 Okay. So when you -- if we look back at the 16 language of subsection (e), when you refer to other shippers having comparable characteristics, what -- is it 17 18 safe to say what you actually mean is the generating units of other shippers having comparable characteristics 19 20 to the generating unit or units of DEC and DEP? I think probably the big picture, the answer to 21 Α

21 A I think probably the big picture, the answer to
22 your question is yes. I think the customer is the key,
23 as Mr. Jeffries tried to interject and clarify. I would
24 treat the two customers the same if those customers had

1	the same equipment. Again, I don't feel like we're
2	making rates for pieces of equipment here. We have rates
3	and how we're going to treat our customers, and we're
4	going to treat those customers consistently if they have
5	consistent features, as outlined in section (e) here.
6	Q Okay. But DEP has lots of generating stations,
7	correct?
8	A They do.
9	Q And many of them are gas fired, correct?
10	A Yes.
11	Q So you don't charge DEP one rate as a customer.
12	You charge DEP multiple rates, each of which is developed
13	for a particular generating station that uses gas,
14	correct?
15	A Absolutely, yes.
16	Q Okay. So you mentioned the concept of two twin
17	units?
18	A I did.
19	Q What I'd like you to do, now that you've given
20	us a list of factors, is just walk us through, all things
21	being equal among the twins, other than each of the
22	individual factors. For example, the first factor is
23	nature of service, parenthetically, (firm, interruptible,
24	fails or transportation). I'd like you to walk us

1	through how each of those factors would affect the price,
2	meaning if one of the twins was firm and the other was
3	interruptible, which would pay the higher rate?
4	A All right. So and this may be unnecessary
5	parsing, but I was in my hypothetical I set up
6	identical twins. If you're going to now start saying
7	they're different, I guess we're moving to fraternal
8	twins, but, I mean, my point was around an exact image,
9	we would give them the same rate. So we can walk through
10	in general I mean, I guess just to start with the
11	first one, if somebody wants firm service and somebody
12	across the street is identical in every other way, but
13	they're willing to accept interruptible service, I
14	believe that the charge would be higher for the firm
15	service. You wouldn't treat them the same because
16	they're asking for two different products.
17	Q Are you waiting for me to ask another question?
18	A Yes.
19	Q Could you simply go through the list the same
20	way you did and let us know what the what the pricing
21	differences would be as a result of that particular
22	factor? And technically, identical twins can be slightly
23	different.
24	A All right. All right. So let's I will try

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1	to roll through the list here. Pressure is the next one,
2	and I believe that if a customer required a higher
3	pressure, that would require more commitment on
4	Piedmont's part and, therefore, a higher rate. Process,
5	heating or electric electric generation, I think that
6	gets to maybe how consistent the load is, so certainly
7	they would have different characteristics. You wouldn't
8	have someone with a process load and somebody else with a
9	heating load that would have the same profile in terms of
10	how they consume natural gas, so
11	Q Low profile is one of your other
12	characteristics. So is there any way that nature
13	excuse me nature of load would be relevant to pricing,
14	aside from the low profile?
15	A I think they're they're pretty I think
16	one influences the other. So I think it's just, again,
17	given as something that can differentiate customers, the
18	size. You would need larger facilities to serve a larger
19	customer. That might also be offset, though, Mr. West,
20	by the benefits that a very large customer could bring.
21	So, you know, in terms of a rate, I think the size needs
22	to be considered, but I think we would it would be
23	situational as to whether, you know, the exact effect it
24	would have.

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1	Q What are the other benefits to which you're
2	referring?
3	A Excuse me? So maybe get you to rephrase that
4	one, if you will. Other benefits?
5	Q I thought you said with size it would the
6	rate would typically be higher, but there may be other
7	benefits.
8	A The cost would be higher, but I'm not sure the
9	rate would be higher. I mean, in many ways large
10	customers have a lower cost to serve than smaller
11	customers because you're getting so many dekatherms
12	through one connection. So whether it would be daily,
13	monthly, seasonal, annual, I think the effect on the
14	rate, the more consistent, a more consistent load may in
15	many ways be more economical to serve than one that is
16	swinging up and down with large differences in how much
17	they consume from one day to the other. Certainly,
18	that's a factor you would need that the engineering
19	team would need to have in mind as they connect that
20	customer. The location on the system, closer is better
21	than farther. The cost to serve, lower would be better
22	than higher, and maybe an example of that would be it
23	might be a mile to get to two customers, but if one of
24	them were in a very level, sandy environment, that would

be a lower cost than if you were going to construct a 1 2 natural gas line in a more mountainous, rocky terrain. 3 Same distance, different cost, higher cost for the customer. 4 5 I think Mr. Runkle asked this similar question Q in a different context, but the maintenance of records 6 7 that's addressed in the last sentence of this provision? 8 Α I see the provision. 9 Is that -- are you going to -- for each Q 10 generating station that you serve, are you going to be 11 producing a report to explain how all these factors led 12 into the development of a particular rate along with, you know, the quantifications that are relevant to the rate? 13 14 I don't believe that we would produce a report, А certainly not unless requested to do, but what we would 15 16 have is we would maintain the documentation to support 17 the rate. The rate would be based on a cost of service base model, and certainly for the duration of the 18 19 contract we would have the support as to how we determine 20 that rate. And the rate that we're discussing here, Mr. West, if I may, would be subject to review by the Public 21 22 Staff and approval by the Commission. 23 So when you say you would have support for Q 24 developing the rate, are you talking about a spreadsheet?

What are you --

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2	A Yeah. We would have spreadsheets. There may
3	be notes from the from the customer the customer
4	rep, there may be notes from the engineering department
5	as to the cost, but it would be maintained probably in
6	electronic files to support that rate. The rate is not
7	going to be pulled out of the air. It's going to be
8	calculated, and it's going to be reviewed, and it's going
9	to be approved, and we would maintain support for that
10	during the duration of the contract.
11	Q And that would be considered those would be
12	considered confidential records, correct?
13	A Yes.
14	Q And presumably treated with at least equal
15	confidentiality to the actual rates that are filed with
16	the Commission for approval in any kind of negotiated
17	contract, correct?
18	A Yes.
19	Q Would those are you familiar with the
20	discovery that was produced in this case?
21	A Yes.
22	Q So rather than make an exhibit, I'm going to
23	try to do this just through narrative. In one of the
24	answers about how the rate is determined, Piedmont

1	identified the following factors: Cost of materials,
2	labor, land, overhead, AFUDC, taxes, depreciation, O&M
3	expenses, capital structure, debt and allowed return on
4	common equity. Does that sound familiar?
5	A It does.
6	Q Are all of the negotiated rate agreements based
7	on the same allowed rate of return on common equity?
8	A Yes.
9	Q And the other factors, taxes, depreciation,
10	O&M, those all have to be allocated in some way, correct?
11	A When you say "allocated," I want to make sure
12	we're I think about a company allocating its cost to
13	jurisdictions. It's kind of a specific term in utility
14	ratemaking.
15	Q Well, costs are also allocated among customer
16	classes, correct?
17	A So there would be for the investment, the
18	depreciation would be dependent upon the amount of
19	utility plant, and there would be an assumption of, based
20	on the investment, what the operating and maintenance
21	cost would be to maintain that investment. And so
22	obviously a large and lengthy pipe would take more
23	maintenance than would a smaller one, smaller, shorter.
24	Q Let me see if I can get you to clarify

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1	something for me, then. So when we talk about O&M
2	expenses or taxes, are you identifying the taxes that are
3	specific to that incremental project, or are you
4	allocating any of those costs from the system itself?
5	A I think it's much more the those that are
6	specific to the project. They would cause a project
7	would cause additional property taxes
8	Q Okay.
9	A so that would be assigned to that customer.
10	If you are going to cause Piedmont to incur another
11	hundred dollars of property tax by its investment in this
12	project, then that would go into the model.
13	Q Okay. So it's and I don't want to put words
14	in your mouth, but just so I can understand, is it all
15	incremental cost causative assignments, meaning this
16	project causes us to incur these specific costs and,
17	therefore, we're going to recover these costs as part of
18	our negotiated rate?
19	A That is certainly my understanding of how this
20	model works. It would apply to the individual customer
21	and to the cost that he caused the Company to have, and
22	the Company would seek to recover just like it does
23	it's a mini version of what happens in a general rate
24	case. The Company would seek to earn a return on the
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investment, and in order to earn that return, it has to 1 2 recover certain operating expenses first. 3 Q So -- sorry. No. Go ahead. I'm sorry. I think that's 4 Α 5 enough. 6 So is the model common to all negotiated rate Q 7 agreements, but the inputs are specific to the --8 А Yeah. 9 -- customer or the generating station? Q 10 А I think that's a -- that's a good way to put 11 it. It's a consistent process, but two dissimilar customers would have very dissimilar inputs. 12 All right. So if I understood the discovery 13 0 and the discovery disputes, no one outside of Piedmont, 14 other than perhaps the Public Staff and/or the 15 16 Commission, has looked at that process; is that correct? 17 Α Yes. 18 Q All right. So if you are a municipal or a 19 co-op that generates electricity through natural gas on the Piedmont system, how would you identify potential 20 incidents of discrimination? If everything is in a black 21 22 box and Fayetteville PWC or one of the electric co-ops 23 was suspicious that somebody got a favorable rate because 24 they're winning all these wholesale electric competitions

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wholesale electric sale competitions, how does one
identify that that has actually occurred?
A Well, this entire process that we're talking
about here in terms of this rate mechanism is something
that's not forced upon Fayetteville PWC or any other
customer. It's something to negotiate a rate with
Piedmont, requires them to participate, to be a willing
counterparty in the negotiation. So they have a chance
to negotiate for the very best rate that they can get

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to negotiate for the very best 10 from Piedmont, and then that process would be reviewed by the Public Staff and approved by the Commission. And if 11 12 you were -- felt like that the best rate you could get 13 from Piedmont was at a certain level and that was unfair and discriminatory, then you could bring that as a 14 15 complaint before this Commission, so --

16 How would we know that, though? In other 0 17 words, go back to the example of the two identical 18 generating stations that we talked about earlier. If 19 Piedmont gave DEP a significantly more favorable rate 20 than Fayetteville PWC or an electric co-op, how would 21 they know that?

22 Α How would -- and I want to clarify the question by making sure we're together. How would you know what 23 24 Piedmont was billing somebody else?

1	Q How would the
2	A Is that the heart of the question?
3	Q How would the customer know
4	A Uh-huh.
5	Q that it was being discriminated against?
 6	A Well, the customer is not going to be given all
7	the details on another customer's arrangement because
8	then the entire process is open to the entire world and
9	the confidential discussions you had with that
10	counterparty can't be shared with the customer that
11	you're representing in your question.
12	So I'll restate, this customer will have to
13	obtain the best deal that it can get for itself using its
14	negotiating abilities, and then if it feels like it's
15	being discriminated against, it's going to have to raise
16	it, I believe, here at this Commission. It's not going
17	to be able to say I'm not happy so I want to see all of
18	your other deals that you reached with Progress and with
19	every other industrial customer. And so I just don't
 20	believe that those confidential arrangements can be
21	opened up as a fishing expedition for somebody that's not
 22	happy with their negotiated rate.
23	Q And if a customer were inclined to do that, to
24	contest the proverbial "pig in a poke," who has the

1	burden of proof in that kind of situation? Do you know?
2	MR. JEFFRIES: Objection.
3	Q If you know.
4	CHAIRMAN FINLEY: If you know, Mr. Barkley, you
5	can. If you don't if you don't know a legal question,
6	you don't have to answer.
7	A I am not I am not sure about burden of
8	proof. It does appear to be a fairly legal type term, so
9	I will I'll just leave it with I'm not sure.
10	MR. WEST: I don't have any further questions.
11	Thank you.
12	CHAIRMAN FINLEY: Redirect?
13	MR. JEFFRIES: Thank you, Mr. Chairman.
14	REDIRECT EXAMINATION BY MR. JEFFRIES:
15	Q Mr. Barkley, do you recall some conversations
16	with Mr. Runkle, it seems like a while ago now
17	A It does.
18	Q about the exclusion of direct transaction
19	costs from recovery from ratepayers as a result of this
20	merger?
21	A I do.
22	Q Okay. And do you have a copy of the cost-
23	benefit analysis?
24	A I do. That would have been the Appendix B

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1	filed back in January, I believe
2	Q Okay.
3	A Mr. Jeffries. And so if you'll give me one
4	second.
5	Q And I
6	
7	Q Yeah. I think specifically it's the last page
8	of the cost-benefit analysis.
9	A So the cost-benefit analysis, the last page I
10	have is page 7.
11	Q Okay. And does that indicate or recite some of
12	the direct transaction costs that are anticipated?
13	A It does. And, yeah, we discussed some of those
14	earlier with Mr. Runkle, and so it does list bankers,
15	security issuance, legal, accounting.
16	Q Uh-huh. And how much does roughly, how much
17	does that add up to?
18	A 125 million.
19	Q Okay. And I believe you referenced something,
20	a hundred million or more
21	A I did.
22	Q in your testimony. Okay. And that's what
23	you were that's what you were referring to; is that
24	correct?

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1	A Yes. The very same number that I referenced as
2	in excess of a hundred million
3	Q Uh-huh.
4	A is, indeed, 125 here.
5	Q And is there any indication on there about who
6	about rate recovery treatment for those costs?
7	A There is direct comment on page 7 associated
8	with that, and I think it supports what I had said
9	earlier, and it says that the costs will be absorbed by
10	Duke Energy and Piedmont, so that certainly says to me it
11	will not be placed into its customer rates.
12	Q Thank you. You also had some conversation with
13	Mr. Runkle regarding customer benefits from the merger.
14	Does that again, referring to the cost-benefit
15	analysis, does that analysis provide a list of benefits
16	that the Companies believe will be provided to customers
17	as a result of the merger?
18	A It does, Mr. Jeffries, I think, especially
19	starting on page 3 and really continuing through the rest
20	of the document. There are, in the left-hand side,
21	numerous benefits, some quantified, some not quantified,
22	in Appendix B filed in January in this docket.
23	Q Thank you. And were those benefits added to as
24	a result of the settlements in this docket?
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1	A They were, and certainly the as regards some
2	of the savings that will come out of this, it was both
3	increased in terms of we had only identified about nine
4	and a half here on a system basis, and so 10 million are
5	being provided just to the North Carolina jurisdiction,
6	and we also accelerated that to be provided during this
7	calendar year, and then the other items that we've
8	discussed previously in the Settlement Agreement would be
9	added to this well, guarantees on charitable, the
10	workforce development, Piedmont's agreement to not pursue
11	its request for cost associated with federally mandated
12	Distribution Integrity Management cost.
13	Q And if the integration process that the
14	Companies are involved in, assuming that the merger is
15	approved, results in additional savings, will those
16	ultimately inure to the benefit of Piedmont's ratepayers?
17	A It will. All savings along those lines would
18	flow through to customers at the next general rate case,
19	and that same concept would hold true for Duke's
20	customers. If there are efficiencies realized on the
21	Duke side, that there is a process to return those
22	efficiencies to customers.
23	Q Right. And was Mr Mr. Page was also
24	successful in extracting some concessions from the

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Companies in association with the settlement with CUCA;

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	companied in appointeron with the peterement with court,
2 .	is that right?
3	A There was a settlement with CUCA. I don't
4	believe I discussed it with the with the other cross
5	examiners. But, yeah, there was a guarantee of an
6	additional \$35 million of system-wide fuel savings, so
7	that guarantee the majority of that, certainly more
8	than half of that, will benefit North Carolina customers.
9	Q And there was also a settlement with the
10	Environmental Defense Fund; is that correct?
11	A There was, and the benefit there is Duke has
12	agreed to conduct some analysis, some cost-benefit
13	analysis, around some technology that is of interest to
14	the Environmental Defense Fund and to file the results of
15	that with this Commission in the fall of 2018.
16	Q Right. And just to clarify that, the EDF
17	settlement was on the Duke side and would benefit Duke
18	customers as opposed to Piedmont; is that right?
19	A That is correct. Yes, sir.
20	Q Okay. And the Code of Conduct and Regulatory
21	Conditions which are part and parcel of the Public Staff
22	settlement, do those do the provisions of the Code of
23	Conduct and Regulatory Conditions that are reflected in
24	that settlement, are those in your opinion, are those
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1	benefits to customers?
2	A I believe they are. I believe all the changes
3	made, the many changes made to add Piedmont to this
4	process, do provide protections to customers and that
5	this set of Reg Conditions and Code of Conduct does what
6	it's supposed to do, and it insulates customers from any
7	risk or cost associated with this transaction and other
8	transactions that may occur in the future of a similar
9	nature.
10	Q Thank you. Could you turn to Section 5.8 of
11	the Regulatory Conditions, please?
12	A Yes.
13	Q Oh, I'm sorry. Before we get to that, do you
14	recall Mr. Runkle asking you some questions about what
15	the definition of market value or fair market value was
16	during his questions?
17	A We did, and I certainly can add to what I
18	reflected in I believe it is a defined term, either
19	within the Code or the Reg Conditions. And if you give
20	me just one second, Mr. Jeffries, we can go ahead
21	Q I think page 3 is of the Reg Conditions.
22	A Certainly is in the definition section of the
23	Reg Conditions. Market value, as defined here, price at
24	which property, goods and services would change hands in

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1 an arm's-length transaction between a buyer and seller, 2 without any compulsion to engage in a transaction and 3 both having reasonable knowledge of the relevant facts. Thank you. And now we can go to Section 5.8. 4 Q 5 Could you briefly describe what that section provides? б So 5.8 is really, in terms of people --Α 7 independent parties looking at this process and being able to provide comfort to the Commission that from an 8 9 outside perspective, these Reg Conditions/Code of Conduct are being followed. 10 11 And are you aware of how long this has been in 0 12 Duke's Regulatory Condi --- or, yeah, Regulatory Conditions? 13 14 I am not aware of the specific origin of this А 15 particular one. Many of these go back quite a ways, but 16 I think it's very safe to say it's been around at least 17 since 2012, because 2012 was the most recent one prior to 18 this, so we updated the 2012, so that would be a minimum 19 of four years and, Mr. Jeffries, it could be -- could have been there longer than that. 20 Uh-huh. And is it your understanding that the 21 0 22 Public Staff is involved in this audit process that's 23 reflected in 5.8?

A They certainly are, yes.

1	Q All right. And finally, I believe Mr well,
2	finally with respect to Mr. Runkle's cross, I believe
3	there were some questions about undue discrimination.
4	It's true that Piedmont does not have just one gas sales
5	rate or one gas transportation rate, correct?
6	A Yes.
7	Q So we have different rates for different
8	classes of customers; is that correct?
9	A That's correct, based on cost of service. So
10	it's not based on discrimination; it's based on different
11	cost to serve various classes of customer.
12	Q Well, my point is I'm trying to distinguish
13	between discrimination. I think if you applied
14	discrimination literally, if you're charging two people
15	two different rates, there's some degree of
16	discrimination between them; would you agree with that?
17	A Yes.
18	Q And the statutes and Regulatory Conditions
19	describe undue discrimination, correct?
20	A Right.
21	Q Okay. Are you aware of Commission precedent in
22	prior rate proceedings where they have listed a number of
23	factors that are permissible bases upon which to
24	discriminate between various customer classes in terms of

1	setting meters?
1	setting rates?
2	A Well, certainly within cost of service
3	testimony that is traditionally offered along with
4	general rate cases, there would be that witness would
5	offer a list of things that they would consider in
6	conducting cost of service studies, and then further in
7	rate design, and those are often, again, listed for the
8	in evidence for the Commission.
9	Q Right. You're familiar with Piedmont's
10	electric generation contracts as a general matter; is
11	that correct?
12	A Yes.
13	Q Do any of them have the same rates?
14	A I do not believe so, no, sir.
15	Q Okay. They're all essentially cost of service
16	base rates specific to that facility?
17	A Yes. And I think that's very consistent with
18	my discussion with Mr. West. The same process was used,
19	but because all these plants are different locations,
20	have different characteristics, the answer is not the
21	same.
22	Q Mr. Barkley, does Piedmont have any intent to
23	treat Fayetteville Public Works Commission in an unduly
24	discriminatory manner in the event that they, down the

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1	road, seek a new service arrangement with Piedmont?
2	A We do not, and I believe that compliance with
3	this set this Code of Conduct and set of Regulatory
4	Conditions guarantees and puts in writing that we will
5	not and we cannot. We take compliance with these
6	conditions very seriously. If they are approved by the
7	Commission, then the Company will comply with them, and
8	we will not discriminate against Fayetteville or any
9	other customer in an undue fashion.
10	Q And you in your testimony on cross
11	examination, you identified a number of factors that
12	Piedmont identified to the Commission in terms of how it
13	would examine whether a shipper is similarly situated to
14	another shipper; is that correct?
15	A I did. That is found in the Code of Conduct,
16	and we did discuss that
17	Q Uh-huh.
18	A here today, yes.
19	Q And those are going to be the factors that you
20	use to evaluate any future request for service from Mr.
21	West's client; is that correct?
22	A Yes.
23	Q All right. And finally, are you aware of any
24	obligation in the Code of Conduct for the again,

1	assuming the merger goes forward for the subsidiary
2	utilities of Duke Energy to appoint or designate a chief
3	compliance officer?
4	A I am. I believe that appears in Section XIV of
5	the Regulatory Conditions. There is discussion there
6	about a compliance officer, about training, making sure
7	that you adhere to the terms that you've agreed to and
8	been ordered to agree to, been ordered to follow.
9	MR. JEFFRIES: That's all the questions we
10	have, Mr. Chairman.
11	CHAIRMAN FINLEY: Questions by the Commission?
12	Commissioner Brown-Bland?
13	EXAMINATION BY COMMISSIONER BROWN-BLAND:
14	Q Mr. Barkley, with regard to the \$10 million
15	credit that's discussed in your supplemental testimony,
16	that's being changed from two \$5 million credits to the
17	IMR deferred account to \$10 million direct-bill credit
18	allocated using the Integrity Management Rider allocation
19	factors; is that correct?
20	A Yes, ma'am.
21	Q Okay. And since that will be a direct-bill
22	credit, is it correct to assume that it will not reduce
23	the balance in Piedmont's IMR deferred account?
24	A It will not. It won't it will not change

1	the balance in that account.
2	Q Okay. And so, therefore, it would be fair to
3	say that the \$10 million in the merger savings passed on
4	to Piedmont's customers will not come out of an account
5	that deals directly with pipeline safety?
6	A It's coming from Piedmont in general, so I
7	think the answer to your question is yes. It's not
8	specifically targeted to pipeline safety. It comes from
9	Piedmont will extend that credit to its customers, and
10	if you want to extend the concept a little larger,
11	Piedmont itself is very concerned with pipeline safety,
12	but the specific mechanism here doesn't have anything,
13	per se, to do with safety.
14	Q Okay. Thank you. And in the
15	Duke/Piedmont/CUCA Settlement Agreement, that first term
16	provides that Duke Energy Carolinas and Duke Energy
17	Progress guarantee that North Carolina retail customers
18	will receive no allocable share of an additional \$35
19	million in fuel and in fuel-related cost savings over and
20	above the amount that DEC and DEP are already obliged to
21	provide. So is it anticipated by the parties to that
22	agreement that it is this merger that will allow DEC and
23	DEP to achieve that \$35 million in fuel savings by the
24	end of 2017?

1 No, ma'am. I do not believe that's the case. Α 2 I don't believe that this merger affects the level of 3 fuel savings at this time. I think we can look for efficiencies, but they have not been quantified, 4 5 identified at this point, so I think that the two are unrelated. That guarantee is not caused by efficiencies 6 gained in this merger proposal. 7

And so I think you got to my next question, but 8 Q is there anything that's already been anywhere in the 9 10 current record or in the Settlement Agreement that set 11 forth how the parties have agreed to measure and 12 determine the amount of additional \$35 million in fuel 13 savings?

14It would be measured in the same manner that А 15 the first 687 million is being measured. And maybe that 16 number is not precise, but I believe it's in the 17 neighborhood of what the current guarantee to North 18 Carolina is, in the high 680 range, and so that's being 19 measured by the Companies, reported monthly to the Commission and audited by the Public Staff, so there's 20 21 not any change in methodology envisioned as a result of 22 the additional guarantee.

And that methodology that will be relied upon, 23 Q 24 that's been -- to your knowledge, that is accepted or

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understood or has been discussed with CUCA?
A I do believe that methodology is acceptable to
CUCA, and I'll tell you why. It's not that I have had
conversations with any representative of CUCA about the

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9 And so those same methodologies would be -- if 0 10 there were a dispute between CUCA and the Duke companies 11 as to whether fuel savings had been achieved, that same 12 methodology would be what we would look to as guidance to 13 resolve the dispute?

methodology personally, but that methodology has been

used now for, I would say, approximately four years, and

I'm not aware of CUCA raising any objection to how cost

savings are measured and reported by DEC or DEP.

14 Yes, and I'll say it again, there's no А 15 difference in the methodology to measure this additional 16 \$35 million guarantee than the methodology to compute and 17 measure the previously promised amounts.

18 All right. Thank you. And I believe in your Q 19 testimony you stated generally that the merger meets the 20 Commission's test of having no adverse impact on any of 21 Duke Energy's or Piedmont's customers, and that there's 22 no proposal to pass along increased rates in this 23 proceeding. Is Piedmont confident that the merger with 24 Duke, in and of itself, will not cause an increase in

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1 Piedmont's rates?

2 A Yes, ma'am.

And how or why are you so confident about that? 3 0 Well, many of the costs associated with the 4 А 5 merger itself, we have committed in what we filed back in 6 January and probably supplemented with the settlement 7 with the Public Staff filed in June, that the costs are 8 going to be -- that the customers will be shielded from many of the costs, the direct cost we discussed here 9 10 earlier today. And so I think that we have taken the 11 risk associated with this proceeding, additional cost, 12 transactional cost, we've shielded customers from those 13 in these terms and conditions and agreements, and so 14 customers will enjoy the benefits as we are able to 15 reduce cost in addition to what we've already done with 16 the deferral by withdrawing that, the 10 million, the 17 additional cost savings will be passed along in time to customers. 18 There is a discussion, Commissioner Brown-19 Bland, in the settlement about passing on certain IT-20 related cost to customers, and I believe that to 21 paraphrase, what that says, though, is before those costs 22 can be charged to customers, there has to be a proof made that the net effect of those expenditures is positive for 23 24 customers. So in other words, we would invest in an IT

1 system that would cost money, but there would be greater 2 savings than the investment. If that can be proven, then 3 I believe those costs can be passed along, but, again, 4 when you look at that proposition together, it's a 5 decrease for customers. All right. So you are aware that the 6 Q 7 Commission has received statements and inputs from customers just expressing their concern that this merger 8 9 will result in an increase in their rates, correct? 10 Yes, ma'am. Α 11 All right. Q 12 А But I'm not -- to that point, I'm not aware of 13 any specifics that have been pointed to, here is where I 14 see my rate going up; this particular rate is going to go 15 up as a result of anything specific. And I think -- I 16 think we've done a good job of shielding customers from 17 the cost and already beginning to flow through the benefit. So I understand why customers may be concerned, 18 19 but I don't see anything in what's been proposed here to 20 justify that concern. 21 All right. Thank you. The Commission, in its Q 22 November 5th, 2015 Order Approving Smart Grid Technology Plans, in its order in paragraph number 4 stated that, 23 "DEC and DEP and Dominion shall include in their 2016 24

1 smart grid technology plans a discussion of the variety 2 of technologies for controlling voltage on the 3 distribution grid as discussed in that order." But the 4 settlement with EDF here in this merger commits DEC to 5 provide a cost benefit estimate for Volt-VAR Control in 6 its 2018 smart grid plan. Is there any reason that DEC can't provide that cost benefit estimate sooner than 7 2018? 8

9 I don't know the specifics. I don't know that Α 10 the commitment that you referenced for 2016 is as 11 specific as the cost-benefit analysis for this. This 12 Volt-VAR is a -- I think it's a very -- it's not just a 13 generic term, but it's a specific tool, so I would suggest that perhaps, again, the specificity of this 14 particular thing is a little more precise than to 15 16 generally study voltage, which may have been in what I 17 thought I heard you read from the 2016 order.

And if it is requiring a greater detail and 18 Q 19 more precision, is that the reason it's being proposed 20 for 2018 as opposed to being able to do that sooner? 21 Α I really don't know all the specifics of what 22 was committed for 2016, so I'm probably not in a -- I was not part of the smart grid process that you described, so 23 24 I don't know all the specifics there. I do know that

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1	from reading the EDF settlement in this docket the
2	commitment that's been made for '18, so I certainly
3	assume it goes a step beyond what was already required.
4	Q All right. Under what tariffs does Piedmont
5	currently receive service from DEC and/or DEP?
6	A Piedmont receives tariffs Piedmont receives
7	service from I don't know the rate schedule number
8	Q Uh-huh.
9	A but Piedmont has a variety of locations
10	throughout the state, I would assume all of which have
11	are provided with electric service, and probably
12	certainly the large majority would either come from DEP
13	or DEC. So Piedmont is served electric service by DEC
14	and DEP just like any other customer of the under the
15	applicable rate schedule.
16	Q Should there be any concern that the two
17	electric utilities would advocate for cost allocations
18	favoring those tariffs in future rate cases?
19	A I believe that would get into discrimination
20	against everybody else, because if you're going to give
21	one person a break, you're going to shift that burden
22	onto someone else. And there are very precise rules in
23	the Code of Conduct around discrimination, so I don't
24	believe that I believe that would continue to be

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1	any kind of tariff service would continue to be provided
2	at cost of service, subject to audit by all the parties
3	that always participate in a general rate case, and any
4	tariff services obviously subject to the approval of the
5	Commission. So and I don't know if that was the point
6	of your question, but Duke certainly could not
7	arbitrarily shift cost away from Piedmont and burden its
8	other customers, so I believe Duke is committed in these
9	Regulatory Conditions not to do things like that, but if
10	it were to believe that the cost of service study
11	justified a change of rate, that would certainly be
12	something that would be an open book for all to examine,
13	all to discuss, and the Commission to opine on what the
14	right rate for that schedule should be prospectively.
15	Q A Settlement Agreement with the Public Staff
16	establishes that all margins received by Piedmont from
17	secondary market sales to the two Duke utilities will be
18	flowed back to the benefit of the Piedmont ratepayers.
19	When DEC and DEP receive service using capacity for which
20	they contracted, would that be considered a secondary
21	market transaction?
22	A That does not sound like a secondary market
23	transaction to me if they are receiving service under
24	their own contracts. So, no, ma'am, I do not believe

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1	that would that would be a secondary market
2	transaction.
3	Q What is Piedmont's current policy as regards
4	using electricity versus gas to power compressor
5	stations? Do you know?
6	A That actually gets pretty far afield from my
7	particular expertise, but I think certainly like any
8	other operational decision, there may be circumstances
9	where one would be more efficient than the other, and
10	they would both be evaluated, and Piedmont's decision
11	would follow the lowest cost reliable option to power the
12	compressors.
13	Q Is this something that will receive a new look
14	at, I guess, since if the merger goes through, and any
15	reason to anticipate that policy would change after the
16	merger?
17	A No, ma'am.
18	Q No need to anticipate a change or no additional
19	review?
20	A No need to anticipate a change. I think under
21	Piedmont will continue to operate stand-alone fashion,
22	and so Piedmont should make that and other equipment
23	decisions based on what's best for its customers. And
24	that's the logic that's embodied in the Code and in the

North Carolina Utilities Commission

ub 1095, E-7, Sub 1100, G-9, Sub 682 Duke and Piedmont - Volume 3 Page: 53	
Conditions, and that's the logic that we intend to follow, and we would not buy an electric compressor over	
follow, and we would not buy an electric compressor over	
a gas compressor due to the parent relationship with	
Duke. It's going to be based on what's best for	
Piedmont's customers.	
Q Is it anticipated that Piedmont and the Duke utilities will pursue joint planning that could result in	
utilities will pursue joint planning that could result in	
the construction of LNG storage facilities to the benefit	
of both gas and electric consumers?	
A So I'm going to parse that one a little bit, if	
I may. I do believe that joint planning can have	
benefits, and some of the other witnesses have discussed	
that, that in terms of some of the long-range planning,	
there can be additional coordination. There is already a	
docket that the Commission opened that really emphasized	
the value of planning between LDCs and electric	
companies. So that process is there, but I think it can	

be enhanced under one corporate umbrella, that those communications around reliability can be even better.

As far as a specific plan, at this point in time, to collaborate with Duke or anybody else to construct LNG, I don't believe that's the case. I believe that that would be premature. For one, the merger has not been approved by the Commission, and so I

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1	think that would be one of many alternatives, but we're
2	certainly not far enough down the road to say that we
3	would partner with Duke on an LNG plant or any other
4	similar big picture project at this point in time.
5	Q You hadn't thought about it or had discussions
6	about it at this point?
7	A No, ma'am. There has been no discussions, to
8	my knowledge, about construction of LNG. And I think
9	even the joint planning, I think it's I think it's
10	premature now. I think we are trying to prepare as best
11	we can to provide seamless customer service on day one,
12	and efficiencies that may come from longer term
13	construction projects would have to will flow later.
14	Q Now, earlier near the beginning of your taking
15	that seat this morning, you made reference to the
16	withdrawal of the petition to defer cost and the costs
17	that were related to the Integrity Management program; do
18	you recall?
19	A Yes. I am familiar with that.
20	Q And that was
21	A Yes.
22	Q And that was part of the settlement?
23	A Yes.
24	Q Will that withdrawal as part of the settlement
6	

1	result in any adverse impact or lower prioritization on
2	safety and integrity management going forward?
3	A No, ma'am.
4	Q Was it discussed and dealt with between the
5	Companies so that we can be assured there will be no
6	disincentive where safety and IMR are concerned resulting
7	from the fact that this petition is withdrawn?
8	A There was no discussion, to my knowledge, about
9	that particular subject. To me to jeopardize safety
10	because you either withdraw or don't get your way with a
11	cost deferral to me is so beyond reasonable you wouldn't
12	need to discuss it with anybody. You know that safety
13	and reliability have to come first and safety above all,
14	SO
15	Q So
16	A we're not going to jeopardize the safety of
17	our customers based on withdrawing a petition for cost
18	deferral.
19	Q And so you don't expect or anticipate that not
20	being the agreement not to recover those costs would
21	serve as a disincentive in any way to plans to address
22	safety and the distribution to IMR requirements
23	A Absolutely not.

24

-- or plans? Q

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1	A No. We're going to follow what we need to do
2	to run a safe system, and any federal mandates, we will
3	follow those as well to make sure we have safety, and
4	that is absolutely the same case whether we would have
5	successfully been granted this deferral or now that we've
6	decided to withdraw it withdraw it if the merger is
7	approved by the Commission.
8	Q Do you have any idea, just in terms of your
9	dealing with the federal agency or with FERC, whether
10	they may look at that withdrawal as having some sort of
11	disincentive effect?
12	A No, ma'am. I don't believe anybody, any
13	federal agency would draw that conclusion. I think they
14	would say that our obligation stands, regardless of this
15	particular deferral request.
16	Q And that this withdrawal of this request would
17	not automatically have any adverse impact?
18	A Right. And I certainly I do not have that
19	with me, and I don't have all of the criteria that we
20	listed in our filing for why we believe it was
21	appropriate for the Commission to grant that. We believe
22	that it was significant and that we didn't have any
23	control over it. But I think if anyone were to review
24	the filing we made in March, there wouldn't have been any
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kind of either implicit or explicit communication there

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2 that if we don't get our way on this, then we're not 3 going to operate our system safely, we're not going to 4 follow federal mandates. I just don't believe that that 5 is in any shape, form or fashion going to be the case as a result of withdrawing the petition for cost deferral. 6 7 COMMISSIONER BROWN-BLAND: All right. That's 8 all I have. Thank you. 9 EXAMINATION BY COMMISSIONER BAILEY: 10 Q Good afternoon, Mr. Barkley. Question back on 11 the Voltage-VAR Control, and since we're going to be 12 doing -- I guess this is with a settlement with the EDF. 13 Yes, sir. А 14 Is there any preconceived design on when they 0 start developing this cost-benefit analysis, or is it 15 16 going to be on several different design scenarios,

18 Voltage/VAR Control? Do you -- can you answer that

obviously a different technology out there for

19 question for me?

17

1

A I'd like to take a quick look at that settlement in response to that question. (Reviewing documents.) Well, there is, Commissioner, and I wanted to make sure this was something that was on the record versus maybe some of the communications between the

ſ	
1	parties. In looking at what has been agreed to, and I'll
2	just read it rather than try to paraphrase, if I may,
3	because it's fairly short, that the cost-benefit analysis
4	for a broad development of integrated Volt-VAR, in DEC it
5	says, "similar to the plan Duke Energy developed for its
6	Duke Indiana territory." So if you then ask me what are
7	all the specifics of what's going on in
8	Q That that would be my next that would be
9	my next is that similar to what Dominion does, uses,
10	or is that similar to what DEP uses here in this area, or
11	is it a different technology?
12	A I'm going to be tapped out on the Dominion
13	question, so I don't know the answer to that. It draws a
14	contrast between and urges DEP to study a model and a way
15	of operating differently from the way it currently
16	operates as DSDR. So the Indiana model, obviously,
17	whether it is the same technology or not, it is utilized
18	in a different fashion, so what is being agreed to is to
19	those things. EDF obviously sees something they like in
20	what is being done in Indiana, and my reading of the
21	settlement is that Duke Energy has agreed to study that
22	for use at DEC and DEP.
23	Q Okay. Thank you. One more. One more. This
24	is a light question, softball to you. When if the

1	merger takes place, is Piedmont going to change the logo
2	they have now or is that going to stay the same? Are
3	they going to put Duke subsidiary of Duke Energy on
4	their cars as they go around or and is that going to
5	be part of the 125 million integration cost?
6	A I don't believe that that has all of the
7	branding decisions, all of the specifics around the
8	branding have been reached at this point. I think the
9	stand-alone nature of Piedmont is still solid, but
10	exactly what the brand is going to look like, what might
11	be in the fine print, I'm not aware that that decision
12	has been reached. I do not believe conversion of items
13	along those lines is included in the 125 as outlined in
14	our Appendix B. But, again, there may not be any such
15	cost, depending on how the decisions are made.
16	COMMISSIONER BAILEY: Thank you, sir.
17	EXAMINATION BY CHAIRMAN FINLEY:
18	Q Mr. Barkley, the Volt-VAR agreement that you
19	reached with EDF, if you implement a program, a Volt-VAR
20	program, that will reduce the voltage on the end of the
21	feeder so that the demand on the system is lower and it
22	allows you to have less generation at some point; is
23	that
24	A I think that's certainly a potential result of
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1 evaluating, and if proved to be cost beneficial 2 implementing this technology, I guess it would have to be 3 weighed against what it would do to reliability and -- so 4 I think that's why it requires long and careful study, and we would not want to just say what apparently EDF 5 believes works well in Indiana would be cost beneficial 6 7 for the Carolinas without a good bit of analysis and 8 study. 9 But that's sort of a demand-side management 0 10 energy efficiency type program that you would be 11 studying? I don't know that they would file it under that 12 А rider for cost recovery, but the concept, yes, sir. 13 14 0 Concept. And EDF, that's Environmental Defense 15 Fund? 16 Yes, sir. А 17 All right. And so that environmental group Q came to you and asked for a settlement with you, and you 18 19 talked with them and agreed with them to do what you agreed to do and filed with the Commission, right? 20 21 Yes, sir. Α 22 Now, you also reached an agreement with Mr. 0 23 Page's client, CUCA. 24 Yes, we did. А

And you reached an agreement with the Public

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2 Staff, right? 3 А Yes, we did. Now, I'm not interested in any of the terms 4 Q 5 that you might have talked about, but did you -- were you willing to enter into discussions with Mr. West's client, 6 7 the Public Works Commission of Fayetteville? 8 А Yes, sir. 9 Anybody else approach you about reaching a Q settlement in this case? 10 11 Not to my knowledge, no, sir. А 12 Okay. I believe you said that you participated 0 in the settlement discussions with the Public Staff? 13 14 I did. Yes, sir. А 15 Did you hear Dr. Fireman testify yesterday, 0 16 sort of casting the effort of the Public Staff in 17 unfavorable terms? I did. 18 Α 19 And your opinion, based on your observation of Q what the Public Staff did in those negotiations, were 20 21 they pushovers, were they tough negotiators, or just how would you describe it? 22 I believe that anybody that disparages their 23 Α

negotiating ability has not negotiated with them.

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1 certainly I feel that they are effective and exhibit a 2 great deal of integrity when working with me and our team 3 on these matters, and there was a good bit of back and forth. And there was a reason, Chairman Finley, that 4 5 these discussions took five weeks, because parties had 6 very divergent views and it took a while to coalesce 7 around a set of conditions that were acceptable to both. 8 So it was a process where as with, as they say, many good 9 deals, I think both sides leave a little bit unsatisfied, 10 a little bit unhappy. I certainly feel that way 11 personally having gone through that, and that's because 12 they are tough negotiators and, therefore, I have that 13 feeling at this time. 14 Now, we've heard a lot of talk about Regulatory Q 15 Conditions today, have we not?

16

24

A Yes, sir.

17 How many pages of Regulatory Conditions are Q 18 there between the Duke, Progress, Piedmont entities now? 19 Α I think the current set -- I'll go ahead and 20 take a quick look -- I think it's around 60 pages, so 43 21 on the Conditions and another 18 counting an attachment, 22 so I'm going to go 61 pages of the Code of Conduct and 23 Reg Conditions.

Q And correct me if I am wrong, but it's my

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1	understanding that a good number, if not all, of those
2	regulatory conditions have arisen because of negotiations
3	that the various companies have had with the Public Staff
4	and proceedings such as this where there have been
5	various mergers in the past?
6	A Yes, sir. I agree with that assessment. That
7	is the genesis of the Code of Conduct and Reg Conditions.
8	Q And for the most part, those regulatory
9	conditions were put in place to provide protection to the
10	Companies' ratepayers?
11	A Yes, sir.
12	Q All right. Did you did the Companies have
13	face-to-face meetings with the Public Staff?
14	A We did have numerous face-to-face meetings here
15	in Raleigh with the Public Staff.
16	Q Where did you have those meetings?
17	A They were here in the Dobbs Building on the
18	fifth floor.
19	Q In the Wells Conference Room?
20	A Correct.
21	Q Is that a back room?
22	A No, sir. I don't believe it's a back room.
23	It's a conference room there on the fifth floor.
24	Q Would you believe that it's an appropriate

1 characterization to say that the agreement that you reached with the Public Staff was a backroom deal? 2 3 А I would not. And that agreement was certainly 4 filed upon its completion on June 10th, and I believe that the Commission's orders allowed a review of that 5 6 agreement, and so it was reached between the Company and the Public Staff and then filed for review and, of 7 course, for the Commission's approval. 8 Mr. Barkley, do you remember a situation 9 0 10 several months ago having to do with requests by the two 11 LDCs in North Carolina to come before the Commission and 12 ask for relief from some of their large industrial 13 customers having to do with the polar vortex and the 14 relief that those customers were trying to get from the tariffs that would have imposed substantial additional 15 16 costs from them? 17 So I'll -- yes is the answer to the question. Α 18 I am aware of that situation. I believe it has now been probably -- I'm not exactly sure how long it's been, but 19 20 that occurred before I was employed by Piedmont. But I 21 am aware of the issue, yes, sir. 22 Q Are you aware in that situation, the Company and the Public Staff were in lock-step position on that, 23 and they believed that those industrial customers should 24

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1	have been relieved from their curtailment and
2	interruptible obligations?
3	A That is my understanding, yes, sir.
4	Q And that the Commission had its own lawyer come
5	in and represent the opposite side of that deal and
6	turned down what both the Public Staff and the Companies
7	were asking it to do?
8	A That is correct. And we have certainly filed
9	this settlement for the approval of the Commission.
10	Q Right. And did the Utilities Commission have
11	anything to do with the negotiations between the
12	Companies and the Public Staff?
13	A No, sir.
14	Q Did you keep the Commission, in any respect,
15	aware of the negotiations that you were having as to what
16	any of the terms of the negotiations were?
17	A We did not, no, sir.
18	Q So as far as you're concerned, the first time
19	the Commission saw anything about these Stipulations was
20	when you filed them as a public record?
21	A June the 10th, 2016, yes, sir, that's correct.
22	CHAIRMAN FINLEY: All right. Questions by the
23	Commission? Questions on the Commission(s questions)
	Commission? Questions on the Commission's questions?

[
1	MR. SOMERS: Mr. Chairman, I do not have a
2	question following up on the Commission's questions, but
3	I did want to propose an answer. I realize I am not a
4	witness, I am an attorney and I cannot testify, but there
5	were a couple of questions related to Duke and the
6	integrated Volt-VAR Control. I think Mr. Barkley did an
7	admirable job as a Piedmont employee answering those as
8	best he could. To the extent there's no objection and
9	this not a contested item, I will be happy to answer a
10	couple of the outstanding questions if that will be
11	helpful and agreeable to everyone.
12	CHAIRMAN FINLEY: Without objection, you may.
13	MR. SOMERS: Commissioner Brown-Bland, you
14	asked a question about the timing as it relates to the
15	settlement with the Environmental Defense Fund and the
16	timing of the filing of those cost-benefit analyses and
17	the 2018 Smart Grid Plans. The question essentially was
18	why the Company could not file those cost-benefit
19	analyses in the 2016 Smart Grid Plans, and the answer to
20	that is Duke Energy Carolinas is preparing to deploy some
21	pilot I'll call it IVVC, the acronym for Integrated
22	Volt-VAR Control it's going to deploy some pilot IVVC
23	technology in the third quarter of this year. We're just
24	now in the third quarter. And coincidentally, it's in

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2 project to begin to understand how that technology could 3 work.

4 The reason that we discussed with EDF filing it 5 in 2018 is we would benefit from having a full year 6 deployment so that we can see how the technology responds 7 and ensures reliability of our system during all four 8 seasons of the year. So that will not be completed until at least the end of 2017, and that is why we asked that 9 10 we would make that filing in 2018. So we believe we need all of that data in order to have an informed cost-11 12 benefit analysis.

13 I believe Commissioner Bailey asked some 14 questions what we're doing in Indiana. In Indiana, that 15 program -- you referenced the Duke Energy Progress DSDR program which this Commission approved many years ago. 16 As Chairman Finley noted in a question, that's an 17 18 approved energy efficiency program. It's used for peak 19 reduction. What we're going to study for Duke Energy 20 Carolinas is the deployment of that technology that could 21 be used on a conservation basis 24 hours a day, seven 22 days a week, 365 days a year. The deployment and the technology in Indiana is for that conservation use. They 23 24 do have the ability to use it for peak load reduction.

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1	Again, on the Duke Energy Progress side, our DSDR program
2	is used for peak load reduction. As part of the
3	settlement with the EDF, we will study additional uses to
4	include conservation uses where it's run I'll just say
5	essentially all the time.
6	So I hope that is helpful in answers to
7	questions.
8	MR. JEFFRIES: And Mr. Chairman, we have no
9	further questions of Mr. Barkley. I'd just like to wish
10	him luck in his new employment.
11	(Laughter.)
12	THE WITNESS: Thank you, sir.
13	CHAIRMAN FINLEY: All right. You may be
14	excused, Mr. Barkley, and we'll take a 15-minute recess.
15	Come back at quarter until 4:00.
16	(Recess taken from 3:32 p.m. to 3:45 p.m.)
17	CHAIRMAN FINLEY: Have a seat, ladies and
18	gentlemen. We'll get back to work.
19	MR. SOMERS: Mr. Chairman, if I may, just to
20	confirm, that concludes the Applicant's case. I believe
21	all the testimony and exhibits have been entered into the
22	record, and so we would rest at this point.
23	CHAIRMAN FINLEY: All right.
24	JAMES G. HOARD; Being first duly sworn,

1	testified as follows:
2	DIRECT EXAMINATION BY MS. WIKE:
3	Q Mr. Hoard, would you state your full name,
4	business address and position with the Public Staff.
5	A My name is James G. Hoard. My business address
6	is 430 North Salisbury Street, Raleigh, North Carolina,
7	and I am the Director of the Accounting Division of the
8	Public Staff.
9	Q Mr. Hoard, did you cause to be prepared and
10	prefiled in this matter testimony consisting of 18 pages
11	in question and answer form and one Appendix with your
12	qualifications and experience?
13	A Yes.
14	Q Do you
15	CHAIRMAN FINLEY: Ms. Wike, if you'll pull the
16	microphone up there, please, ma'am.
17	MS. WIKE: Yes, sir. I'm going to.
18	Q Do you have any changes or corrections to make
19	to your testimony at this time?
20	A Yes, I do, and I believe that Public Staff
21	counsel distributed it earlier. I'll go through those
22	changes. They show up on page 6 of my testimony. And
23	basically this is to reflect the effect of the Amendment,
24	and there's a cross out. What's crossed out is, "its

1 North Carolina Integrity Management Deferred Account (IM 2 Deferred Account) a total of 10 million" -- sorry -- "a 3 total of." That shows up on lines 5 and 6. And then on 4 line 7 cross out, "\$5 million per year for the first two 5 years following the close of the Merger." And then on 6 line 8 we've inserted, "through a one-time bill credit to be completed by December 31, 2016." And then there's a 7 cross out on line 9, "The credits recorded in the IM 8 9 Deferred Account reduce the amount that ratepayers will 10 pay related to Piedmont's Integrity Management Rider by 11 \$10 million." And then skipping down to line 18, there's a cross out, "IM Deferred Account," and there's an 12 13 insert, "North Carolina customers." And that's all the 14changes.

Q Mr. Hoard, if I were to ask the questions in your testimony today, would your answers be the same except for these changes?

18 A Yes.

MS. WIKE: Mr. Chairman, I would ask that Mr.
Hoard's prefiled testimony, as revised on the stand, be
copied into the record as if given orally from the stand.
CHAIRMAN FINLEY: Mr. Hoard's prefiled
testimony consisting of 18 pages, as revised from the
stand, filed on June 10, 2016, is copied into the record

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1	as if given orally from the stand, as well as his
2	Appendix which was attached to the testimony.
3	MS. WIKE: Thank you, sir.
4	(Whereupon, the prefiled direct
5	testimony of James G. Hoard, as
6	revised on the stand, and Appendix
7	A were copied into the record as if
8	given orally from the stand.)
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PUBLIC STAFF – NORTH CAROLINA UTILITIES COMMISSION DIRECT TESTIMONY OF JAMES G. HOARD BEFORE THE NORTH CAROLINA UTILITIES COMMISSION DOCKET NOS. E-2, SUB 1095, E-7, SUB 1100, AND G-9, SUB 682 June 10, 2016

- Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND
 PRESENT POSITION.
- A. My name is James G. Hoard, and my business address is 430 North
 Salisbury Street, Raleigh, North Carolina. I am the Director of the
 Accounting Division of the Public Staff. My qualifications and
 experience are provided in Appendix A.
- Q. PLEASE DESCRIBE THE PURPOSE OF YOUR TESTIMONY IN
 8 THIS PROCEEDING.

9 Α. The purpose of my testimony is to present the results of the Public 10 Staff's investigation of the application filed on January 15, 2016, by 11 Duke Energy Corporation (Duke Energy) and Piedmont Natural Gas 12 Company, Inc. (Piedmont) (collectively, the Applicants), pursuant to 13 G.S. 62-111(a) for authority to engage in the proposed business 14 combination transaction (Merger) as set forth in the Merger 15 Agreement attached to the application as Exhibit A; and to revise and 16 apply Duke Energy Carolinas, LLC's (DEC) and Duke Energy 17 Progress, LLC's (DEP) Regulatory Conditions and Code of Conduct 18 to Piedmont. In my testimony, I describe the scope of the Public

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1 Staff's investigation of the proposed Merger; discuss the balancing 2 of costs and benefits of a proposed business combination; describe 3 major provisions of the Agreement and Stipulation of Settlement 4 (Stipulation) between the Applicants and the Public Staff (the 5 Stipulating Parties); discuss the rules governing affiliate transactions; 6 describe the new Regulatory Conditions and Code of Conduct 7 provisions related to the Merger; and present the Public Staff's 8 recommendation regarding Commission approval of the transaction.

9 Q. PLEASE DESCRIBE THE PUBLIC STAFF'S INVESTIGATION.

10 A task force of accountants, engineers, attorneys, and financial Α. 11 analysts conducted an investigation of the proposed Merger, 12 including the market power and cost-benefit analyses submitted with 13 the application. The Public Staff submitted data requests to the 14 Applicants and reviewed the responses to those data requests. The 15 Public Staff also reviewed the Merger proxy statements and other 16 documents filed by the Applicants with the Securities and Exchange 17 Commission, and the Applicants' submissions to the Federal Trade 18 Commission and the US Department of Justice pursuant to the Hart-19 Scott-Rodino Antitrust Improvements Act.

20 Q. WHY IS IT IMPORTANT TO IDENTIFY AND BALANCE THE
21 COSTS AND BENEFITS OF A PROPOSED MERGER OR
22 BUSINESS COMBINATION?

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1 Α. G.S. 62-111(a) provides that no merger or combination affecting any 2 public utility shall be made through acquisition or control by stock 3 purchase or otherwise, except after Commission approval, which 4 "shall be given if justified by the public convenience and necessity." 5 This statute requires the Commission to review all aspects of a 6 proposed merger and to balance all potential benefits and costs of 7 the merger in determining whether the transaction should be 8 approved. In reviewing applications for merger approval, the 9 Commission has considered such factors as the maintenance of or 10 improvement in service quality, the extent to which costs can be 11 lowered and rates can be maintained or reduced, the extent to which the merger could have anticompetitive effects, the continuation of 12 13 effective state regulation, and the relationships between and among 14 the various units of the merged firm. In approving a merger 15 application, the Commission has sought to ensure that the proposed 16 transaction would have no adverse impact on the rates charged and 17 the service provided to North Carolina jurisdictional ratepayers,¹ that 18 ratepayers were protected and insulated to the maximum extent 19 possible from all known and potential costs and risks associated with 20 the transaction, and that the benefits of the transaction to ratepayers 21 were sufficient to offset those potential costs and risks.

¹ Includes North Carolina retail customers of DEC and DEP and North Carolina customers of Piedmont.

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1 The Commission's Order Requiring Filing of Analyses issued 2 November 2, 2000, in Docket No. M-100, Sub 129, requires that 3 merger applications be accompanied by a market power analysis 4 and a cost-benefit analysis. The Applicants submitted that the cost-5 benefit analysis and market power analysis attached to the 6 application comply with this requirement. In its Order Scheduling 7 Hearing, Establishing Procedural Deadlines, and Requiring Public 8 Notice issued on March 2, 2016, in the current proceeding, the 9 Commission found and concluded that the application satisfies the 10 requirements of the Order Requiring Filing of Analyses. An 11 investigation and verification of the cost-benefit analysis and market 12 power analysis is an essential part of the Commission's 13 consideration of the proposed Merger and the application of the 14 statutory standard for approval. As evidenced by the Stipulation, the 15 Public Staff believes the quantitative benefits, together with the 16 agreed upon regulatory conditions, are sufficient to meet that 17 standard.

18 Q. PLEASE DESCRIBE THE PROPOSED TRANSACTION.

A. Duke Energy proposes to pay \$60 per share, all cash, for the
outstanding common stock of Piedmont, which results in a purchase
price of approximately \$4.85 billion.² Based on Piedmont's book
value as of October 31, 2015, of \$1.42 billion, the purchase will result

² Duke Energy will also assume approximately \$1.8 billion in existing Piedmont debt.

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1 in a \$3.43 billion acquisition premium, which will be recorded at the 2 Duke Energy holding company level and will not impact Piedmont's 3 financial statements. Upon the close of the Merger, Piedmont will no 4 longer be a publicly traded company, but will continue to exist as a 5 wholly-owned direct subsidiary of Duke Energy. Piedmont is 6 expected to retain its current name, corporate form and 7 headquarters. In addition, it is expected that Frank Yoho, who 8 currently serves as Piedmont's Senior Vice President and Chief 9 Commercial Officer and is an existing member of Piedmont's senior 10 management team, will manage Duke Energy's natural gas 11 operations. These post-Merger natural gas operations will consist of 12 Piedmont, Duke Energy's existing Midwest local distribution 13 company (LDC) operations, and gas infrastructure investments 14 across Duke Energy.

15 Q. PLEASE EXPLAIN THE MAJOR PROVISIONS OF THE16 STIPULATION.

A. Presented below is a description of the matters agreed upon by theApplicants and Public Staff in the Stipulation:

Merger-related Costs Savings. On March 11, 2016, Piedmont filed
 in Docket No. G-9, Sub 686, an Application for Approval of Deferred
 Accounting Treatment of Certain Distribution Integrity Management
 Costs. In that filing, Piedmont estimated that its costs subject to
 deferral would be as high as \$18.03 million for North Carolina over

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1	the next five years, or approximately \$3.6 million per year. The		
2	Stipulating Parties have agreed Piedmont will withdraw that request	OFFICIAL	
3	for deferral accounting.	0	C
4	In addition, the Stipulating Parties have agreed that Piedmont will		4
5	commit to credit its North Carolina Integrity Management Deferred	ç Ç	
6	Account (IM Deferred Account) a total of \$10 million to its North through a one-time bill credit to be	Jun 10 2016	20
7	Openting quetous OF william man upon for the first two wases	Manuf Manuf	1
8	completed by December 31, 2016. following the close of the Merger. The credits recorded in the IM.		
9	Carolina customers; 55 million per year for the hirst two years completed by December 31, 2016. following the close of the Merger. The credits recorded in the IM Deferred Account reduce the amount that ratepayors will pay related	3	
10	to Piedmont's Integrity Management Rider by \$10 million.		
11	To avoid potential double-counting of Merger-related cost savings, ³	·	
12	the Stipulating Parties have agreed that in the event of a Piedmont		1
13	general rate case with rates effective no more than two years from		
14	the Merger close, (1) Piedmont reserves the right to reflect an		,
15	adjustment in the general rate case that would increase its revenue		
16	requirement for a portion of the \$10 million in savings that Piedmont		
17	has agreed to credit to its IM Deferred Account and (2) should		
18	has agreed to credit to its IM Deferred Account and (2) should Piedmont exercise its right to reflect such an adjustment, the Public		>
19	Staff reserves the right to incorporate the effect of additional Merger-	0	,
20	related savings in its proposed revenue requirement calculation.		

³ This issue arose in the context of the Duke-Cinergy merger docket (Docket No. E-7, Sub 795) and subsequent DEC rate case proceeding (Docket No. E-7, Sub 828).

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1 Annual Community Support and Charitable Contributions. Beginning 2 January 1, 2017, DEC, DEP, and Piedmont will fund The Duke 3 Energy Foundation and Piedmont Natural Gas Foundation for four 4 years at annual levels no less than \$9.65 million, \$6.375, and \$1.5 5 million, for community support and charitable contributions in the 6 North Carolina service territories of DEC, DEP and Piedmont, 7 Comparable levels of community support and respectively. 8 charitable contributions in the North Carolina service territories of 9 DEC and DEP were \$9.2 million and \$7.328 million, respectively, 10 agreed to in connection with the 2012 merger of Duke Energy and 11 Progress Energy.

12 Other Contributions. Within twelve months of the close of the 13 Merger, DEC, DEP, and Piedmont will contribute a total of \$7.5 14 million to their respective foundations for workforce development and 15 low income energy assistance as may be agreed upon with the 16 Public Staff. These contributions will be allocated among the North 17 Carolina service territories of DEC, DEP, and Piedmont in proportion 18 to the number of North Carolina jurisdictional customers served by 19 each. The Duke-Piedmont transaction is considerably smaller than 20 the 2012 Duke-Progress transaction, and thus a smaller agreed-21 upon contribution in connection with this transaction relative to the 22 \$15 million for workforce development and low-income energy

assistance agreed to in connection with the 2012 Duke-Progress transaction is reasonable.

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3 Revised GS-1 Report. Effective upon the close of the Merger, 4 Piedmont will begin utilizing a revised NCUC GS-1 Earnings 5 Surveillance Report (GS-1 Report) format that is similar to the format 6 of the ES-1 Earnings Surveillance Report (ES-1 Report) that is 7 submitted to the Commission by the major electric utilities. The 8 ES-1 Report currently submitted by DEC and DEP includes 9 comprehensive computations of the return on equity for each 10 jurisdiction in which the utilities operate, along with supporting 11 financial reports, supplemental information, and computations. 12 Piedmont currently submits only the supporting financial reports and 13 supplemental information. With the change in report format, 14 Piedmont will provide the computations of the jurisdictional returns 15 on equity and supporting computations, in addition to the information 16 currently provided.

17 Merger-related Direct Expenses. The direct expenses associated 18 with the Merger will be excluded from the regulated expenses of 19 Piedmont, DEC, and DEP for Commission financial reporting and 20 ratemaking purposes. Direct merger costs are composed of change-21 in-control payments made to terminated executives, regulatory 22 process costs, and transaction costs, such as investment banker and 23 legal fees for transaction structuring, financial market analysis, and

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1 fairness opinions based on formal agreements with investment 2 bankers. The Applicants have estimated transaction costs of \$125 3 million. In addition, Piedmont estimates in its Definitive Proxy 4 Statement dated December 14, 2015 (Definitive Proxy Statement) 5 that change in control payments to Piedmont executives could total 6 as much as \$46.8 million.⁴ Piedmont, DEC, and DEP have agreed 7 to file a summary report of their final accounting for Merger-related 8 direct expenses within 60 days after the close of the Merger, and 9 supplemental reports, as necessary, within 60 days after each 10 quarter.

11 <u>Merger-related Transition Costs</u>. In order to hold the North Carolina 12 ratepayers of Piedmont and the North Carolina retail ratepayers of 13 DEC and DEP harmless from any adverse effect of the Merger on 14 rates, the Stipulating Parties agreed that Merger-related transition 15 costs will be treated as follows:

16 (a) DEC, DEP, and Piedmont may request recovery through 17 depreciation or amortization, and inclusion in rate base, as 18 appropriate and in accordance with normal ratemaking 19 practices, their respective shares of capital costs associated 20 with achieving merger savings, such as system integration 21 costs and the adoption of best practices, including information 22 technology, provided that such costs are incurred no later

⁴ Definitive Proxy Statement, page 51, the sum of the amounts shown in the Total column.

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than three years from the close of the Merger and result in quantifiable cost savings that offset the revenue requirement effect of including the costs in rate base. Only the net depreciated costs of such system integration projects at the time the request is made may be included, and no request for deferrals of these costs may be made.

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7 (b) DEC's, DEP's, and Piedmont's Merger-related severance 8 costs will be excluded from DEC's, DEP's, and Piedmont's 9 cost of service for ratemaking purposes.

10 Pursuant to Regulatory Condition 5.19, DEC and DEP, in their 11 respective ES-1 Reports, and Piedmont in its GS-1 Report must 12 reflect these costs to achieve Merger savings in accordance with 13 generally accepted accounting principles and identify the North 14 Carolina portions of these costs.

15 Employee Incentive and Benefit Plan Costs. Piedmont, DEC, and 16 DEP will exclude from their regulated expense and plant accounts 17 the effects of all Piedmont long-term incentive plan (performance 18 shares and restricted stock units/shares) costs that result from the 19 increase in the Piedmont stock price above the \$42.22 per share 20 closing price on October 23, 2015, adjusted for changes in the stock 21 price that would have occurred absent the Merger. Piedmont's 22 executives and some employees receive incentive compensation in 23 the form of Piedmont stock. Duke Energy is purchasing the

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1 Piedmont stock at a price more than 40% above the level that the 2 stock traded at the time of the Merger announcement. The 3 Applicants have agreed to record the portion of the specified costs 4 that exceeds a pro forma cost determined based on an LDC peer 5 group proxy in non-regulated below-the-line accounts for ES-1 and 6 GS-1 Report purposes. Essentially, the portion of the costs that 7 would have been incurred absent the Merger will be recorded in 8 regulated above-the-line accounts, and the remaining costs will be 9 recorded in below-the-line accounts.

10 Interest Rate on Deferred Gas Cost Accounts. The Stipulating 11 Parties agreed that beginning with the month in which the Merger 12 closes, Piedmont will use the net-of-tax overall rate of return from its 13 last general rate case as the applicable interest rate on all amounts 14 over-collected or under-collected from customers reflected in its 15 Sales Customers Only, All Customers, and Hedging Deferred Gas 16 Cost Accounts (collectively, the Deferred Gas Cost Accounts).⁵ The 17 net-of-tax overall rate of return is the interest rate used by Piedmont 18 for its Margin Decoupling and Integrity Management Rider deferred 19 accounts. Currently, the interest rate is 6.58%. The methods and

⁵ Pursuant to the Commission's July 22, 1991, *Order Granting Partial Rate Increase*, in Docket No. G-9, Sub 309, Piedmont has been using an interest rate of 10% on these accounts. Order at page 65.

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procedures used by Piedmont for the accrual of interest on the Deferred Gas Cost Accounts will remain unchanged.

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3 Plant Accounting Closing Process. In the Public Staff's opinion, 4 Piedmont has not been unitizing completed plant projects or 5 recording retirements in a timely manner. Piedmont's recent 6 extensive integrity management construction program has 7 exacerbated what has previously been a relatively minor Public Staff 8 concern. Pursuant to the Stipulation, within 180 days after the close 9 of the Merger, Piedmont will begin to implement procedures to 10 ensure that project unitization and plant retirements are finalized 11 within 180 days of project completion. Piedmont will file semi-annual 12 status reports report with the Commission detailing its progress in 13 implementing these practices, with the first report due twelve months 14 from the close of the Merger.

15 Q. PLEASE DESCRIBE THE PURPOSE OF AFFILIATED16 TRANSACTION RULES.

A. Affiliated transactions rules, such as those set forth in the current
 Regulatory Conditions and Code of Conduct of DEC and DEP
 approved by the Commission in the Duke-Progress Merger Order,⁶
 are designed to: (1) fairly allocate the cost of common goods and

⁶ The Regulatory Conditions were subsequently modified by the Commission's Order Approving Revisions to Regulatory Conditions Nos. 7.7 and 7.8 issued March 24, 2015, in Docket Nos. E-7, Subs 986 and 986A, and E-2, Subs 998 and 998A, and Order Approving Transfer of Employees and Amendment to Regulatory Condition [No. 5.3] issued November 25, 2015, in Docket Nos. E-7, Sub 986 and E-2, Sub 998.

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1 services among affiliates, (2) protect the ratepayers of utilities from 2 overcharges by non-regulated affiliates, and (3) prevent cross-3 subsidization of non-regulated affiliates by utility affiliates. DEC and 4 DEP have developed a cost allocation manual (CAM) pursuant to 5 these Regulatory Conditions to allocate the costs of common goods 6 and services from Duke Energy Business Services, LLC, the service 7 company, to the affiliates and between or among utilities. DEC and 8 DEP have also implemented a Code of Conduct that has been 9 approved by the Commission that governs affiliate issues such as 10 joint purchases, the sharing of customer information and confidential 11 system operations information with affiliates, and the potential of 12 favoritism toward affiliates over non-affiliates in general business 13 practices. In addition, DEC and DEP are required by the Regulatory 14 Conditions to comply with certain affiliated transaction audit 15 requirements, file affiliated transaction reports and inter-utility service 16 agreements with the Commission, and provide the Commission 17 advance notice in the event of certain corporate or regulatory events. 18 In this proceeding, the Stipulating Parties have agreed to a number 19 of changes to the DEC and DEP Regulatory Conditions and Code of 20 Conduct necessitated by the Merger between Duke Energy and 21 Piedmont.

22 Q. PLEASE DESCRIBE PROPOSED NEW REGULATORY 23 CONDITIONS AND CODE OF CONDUCT PROVISIONS THAT

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ADDRESS MATTERS RELATED TO THE AFFILATE RELATIONSHIP OF PIEDMONT'S LOCAL DISTRIBUTION GAS COMPANY OPERATIONS WITH THE ELECTRIC UTILITY OPERATIONS OF DUKE ENERGY.

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A. Provisions have been added to the Regulatory Conditions and Code
of Conduct to address matters such as: (a) priority of natural gas
service for electric generation, (b) separation of gas and electric
operations and potential discrimination against gas-fired non-utility
electric generators, (c) natural gas sales transactions between
Piedmont and its two electric utility affiliates, and (d) natural gas
electric competition. These provisions include the following:

12 Priority of Natural Gas Service for Electric Generation

Code of Conduct Section III.B.10.: Unless otherwise directed by order the Commission, electric generation shall not receive a priority of use from Piedmont that would supersede or diminish Piedmont's provision of service to its human needs firm residential and commercial customers.

18Separation of Gas and Electric Operations and Potential19Discrimination Against Gas-fired Non-utility Electric Generators

20 Regulatory Conditions Section XV – Procedures for Determining

21 Long-term Sources of Pipeline Capacity and Supply

15.1 <u>Cost-benefit Analysis</u>. The appropriate source(s) for the
 interstate pipeline capacity and supply shall be determined by DEC

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and DEP on the basis of the benefits and costs of such source(s)
specific to their respective electric customers. The appropriate
source(s) for the interstate pipeline capacity and supply shall be
determined by Piedmont on the basis of the specific benefits and
costs of such source(s) specific to its natural gas customers,
including electric power generating customers.

7 15.2 <u>Ownership and Control of Contracts</u>. Piedmont shall retain
 8 title, ownership, and management of all gas contracts necessary to
 9 ensure the provision of reliable Natural Gas Services consistent with
 10 Piedmont's best cost gas and capacity procurement methodology.

11 Code of Conduct Section III.B.11.: Piedmont shall file an annual 12 report with the Commission summarizing all requests or inquiries for 13 Natural Gas Services made by a non-utility generator, Piedmont's 14 response to the request, and the status of the inquiry.

15 Code of Conduct Section III.D.3.(e): All Piedmont deliveries to DEC 16 and DEP pursuant to intrastate negotiated sales or transportation 17 arrangements and combinations of sales and transportation 18 transactions shall be at the same price and terms that are made 19 available to other Shippers having comparable characteristics, such 20 as nature of service (firm or interruptible, sales or transportation), 21 pressure requirements, nature of load (process/heating/electric) 22 generation, size of load, profile of load (daily, monthly, seasonal,

annual), location on Piedmont's system, and costs to serve and rates. Piedmont shall maintain records in sufficient detail to demonstrate compliance with this requirement.

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Natural Gas Sales Transactions between Piedmont and Its Two
 Electric Utility Affiliates

6 Code of Conduct Section III.D.3.(f): All gas supply transactions, 7 interstate transportation and storage transactions, and combinations 8 of these transactions, between DEC or DEP and Piedmont shall be 9 at the fair market value for similar transactions between non-affiliated 10 third parties. DEC, DEP, and Piedmont shall maintain records, such 11 as published market price indices, in sufficient detail to demonstrate 12 compliance with this requirement.

13 Code of Conduct Section III.D.3.(g): All of the margins, also referred 14 to as net compensation, received by Piedmont on secondary market 15 sales to DEC and DEP shall be recorded in Piedmont's Deferred Gas 16 Cost Accounts and shall flow through those accounts for the benefit 17 of ratepayers. None of the margins on secondary market sales by 18 Piedmont to DEC and DEP shall be included in the secondary market 19 transactions subject to the sharing mechanism on secondary market 20 transactions approved by the Commission in its Order Approving 21 Stipulation, dated December 22, 1995, in Docket No. G-100, Sub 67.

Code of Conduct Section III.E.3 .: If Piedmont supplies any of

Natural Gas Services, with the exception of Natural Gas Services
provided pursuant to Commission-approved contracts or service
agreements, used by either DEC or DEP to generate electricity,
DEC or DEP, as applicable, shall file a report with the Commission
in its annual fuel and fuel-related cost recovery case
demonstrating that the purchase was prudent and the price was
reasonable.

8 Natural Gas – Electricity Competition

9 Code of Conduct Section III.H.: Natural Gas/Electricity Competition. 10 DEC, DEP and Piedmont shall continue to compete against all 11 energy providers, including each other, to serve those retail 12 customer energy needs that can be legally and profitably served by 13 both electricity and natural gas. The competition between DEC or 14 DEP and Piedmont shall be at a level that is no less than that which existed prior to the .Merger. Without limitation as to the full range of 15 potential competitive activity, DEC, DEP and Piedmont shall 16 17 maintain the following minimum standards:

Piedmont will make all reasonable efforts to extend the
 availability of natural gas to as many new customers as
 possible.

2. In determining where and when to extend the availability of
natural gas, Piedmont will at a minimum apply the same
standards and criteria that it applied prior to the Merger.

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- 3. In determining where and when to extend the availability of 2 natural gas, Piedmont will make decisions in accordance with the best interests of Piedmont, rather than the best interest of 4 DEC or DEP.
- 5 4. To the extent that either the natural gas industry or the 6 electricity industry is further restructured, DEC, DEP, and 7 Piedmont will undertake to maintain the full level of 8 competition intended by this Code of Conduct subject to the 9 right of DEC, DEP, Piedmont or the Public Staff to seek relief 10 from or modifications to this requirement by the Commission.
- 11 IN THE PUBLIC STAFF'S OPINION, DO THE NEW AFFILIATE Q. 12 TRANSACTION RULES INCORPORATE REFINEMENTS THAT 13 WILL APPROPRIATELY ADDRESS THE POTENTIAL ISSUES 14 RAISED BY THE MERGER?
- 15 Yes. Α.

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- 16 Q. WHAT IS THE PUBLIC STAFF'S RECOMMENDATION WITH 17 REGARD TO THE PROPOSED MERGER?
- 18 Α. The Public Staff recommends that the proposed Merger of Duke 19 Energy and Piedmont be approved, subject to the provisions of the 20 Stipulation and the agreed upon Regulatory Conditions.
- 21 DOES THIS CONCLUDE YOUR TESTIMONY? Q.
- 22 Α. Yes.

APPENDIX A

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JAMES G. HOARD

Qualifications and Experience

I graduated from the University of Rhode Island in 1979 with a Bachelor of Science degree in Business Administration. Subsequent to graduation I have completed various economics, statistics, and regulatory courses. I am a Certified Public Accountant and a member of the North Carolina Association of Certified Public Accountants.

I joined the Public Staff as a Staff Accountant in October, 1979, and was promoted to Supervisor of the Electric Section in January 1984. At the end of 1985, I assumed the position of manager in a small regional certified public accounting firm. In September 1987 I rejoined the Public Staff as Supervisor of the Communications Section, and March 1991, I became Supervisor of the Natural Gas Section. On August 1, 2000, I was promoted to Assistant Director of the Accounting Division, and on October 2, 2012, I was promoted to Director of the Accounting Division In my present position, I am responsible for the organization, planning, and performance of the work of the Public Staff Accounting Division, which includes, among other things, the following activities: (1) the examination and analysis of testimony, exhibits, books and records, and other data presented by utilities and other parties involved in Commission proceedings; and (2) the preparation and presentation to the Commission of testimony, exhibits, and other documents in those proceedings. I have testified before the Commission on many occasions addressing a wide range of topics and issues.

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Mr. Hoard, could you present a summary of your

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3	A Yes. The purpose of my testimony is to present
4	the results of the Public Staff's investigation of the
5	application filed on January 15, 2016, by Duke Energy
6	Corporation and Piedmont Natural Gas Company for
7	authority to engage in the proposed business combination
8	transaction as set forth in the Agreement and Plan of
9	Merger attached to the application. In my testimony, I
10	describe the scope of the Public Staff's investigation of
11	the proposed Merger, discuss the balancing of costs and
12	benefits of a proposed business combination, describe
13	major provisions of the Agreement and Stipulation of
14	Settlement between the Applicants and the Public Staff,
15	discuss the rules governing affiliate transactions,
16	describe the new Regulatory Conditions and Code of
17	Conduct provisions related to the Merger, and present the
18	Public Staff's recommendation regarding Commission
19	approval of the transaction.
20	Based on its investigation and the terms of the

Based on its investigation and the terms of the Stipulation, including the Regulatory Conditions and Code of Conduct, the Public Staff believes that the proposed Merger of Duke Energy and Piedmont is justified by the public convenience and necessity, and meets the standard

E-2, Sub 1095, E-7, Sub 1100, C	G-9, Sub 682 Duke a	nd Piedmont - Volume 3	Page: 92
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1 for approval under G.S. 62-111(a). Therefore, the Public 2 Staff recommends that the transaction be approved. 3 This concludes the summary of my testimony. 4 MS. WIKE: Mr. Hoard is available for cross examination. 5 6 CHAIRMAN FINLEY: Cross examination? 7 CROSS EXAMINATION BY MR. RUNKLE: 8 Good afternoon, Mr. Hoard. How are you doing 0 9 today? 10 Α Good afternoon. Doing fine. All right. Were you a part of the Public Staff 11 Q 12 in negotiating the settlement? 13 Yes, sir. А 14 Okay. So you participated in the whole five-Ο week discussion? 15 16 Yes, sir. Α Okay. Now, did the -- did you review the --17 Q 18 and by "you" I'm referring to the Public Staff. Did the Public Staff review the application, the various 19 appendices to the application? 20 21 Α Yes. 22 Did the Public Staff have data requests to the Q 23 Companies? 24 I believe we had 14 multi-part data Α Yes.

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1	requests that we sent to the Companies.
2	Q Okay. Now, did you, the Public Staff, review
3	the cost-benefit analysis that was part of the
4	application as Appendix B?
5	A Yes.
6	Q Did the Public Staff prepare its own cost-
7	benefit analysis of the merger?
8	A We did not prepare our own cost-benefit
9	analysis. We did do some investigation to try to get a
10	handle on what might could be some, you know, merger
11	savings, but we did not perform our own cost-benefit
12	analysis.
13	Q Did the Public Staff, in its review, look at
14	potential price variation in the in natural gas?
15	A No.
16	Q Did the Public Staff look at the availability
17	of adequate interstate pipeline transportation capacity?
18	A Well, I mean, we're familiar with the capacity
19	situation of both of DEC and DEP and Piedmont, and
20	we're you know, we're familiar with ACP and, you know,
21	we're familiar with where they are as far as their
22	capacity situation, so we didn't do any special
23	investigation of that in this proceeding.
24	Q Did the Public Staff do an investigation of

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1	natural gas supply?
2	A No.
3	Q Okay. Did the Public Staff do an investigation
4	of any potential regulatory changes, either state or
5	federal, that would affect natural gas?
6	A I mean, we have lots of ongoing proceedings. I
7	mean, with as far as, you know, they have the IRP
8	proceedings and many proceedings where various issues for
9	things like clean power plant or other environmental
10	issues, other things that are going on. There are other
11	proceedings where we do those investigations. We've
12	in this particular proceeding we focused on the effect of
13	bringing an LDC that is operating in North Carolina and
14	will continue to operate in North Carolina within
15	electric utility two electric utilities that are
16	operating, just that aspect of bringing those two
17	businesses together, because that's really all we saw
18	that this that changed as a result of this
19	transaction. And our investigation was focused on how
20	those that combination would affect ratepayers.
21	Q In looking at natural gas supply, how many
22	years in the future did you look at?
23	A I didn't look at gas supply in this particular
24	proceeding. We when we do our, you know, our annual
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North Carolina Utilities Commission

1 reviews for the gas companies, usually there will be 2 testimony or there will be some zeroing in on the gas supply issue. Our engineers look at that on a regular 3 basis. There's nothing about this proceeding that really 4 had anything to do with the, you know, the gas supply 5 picture that's different from what happens in the annual 6 7 reviews for gas companies or the fuel cases for electric 8 utilities, or the IRP proceedings for that matter. 9 MS. WIKE: Mr. Chairman, I'm going to, just for the record, join in the continuing objection to questions 10 along the lines that were struck from the testimony of NC 11 12 WARN's witnesses. CHAIRMAN FINLEY: All right. With respect to 13 14 the same continuing objection that Duke and Piedmont 15 received, you'll have the same one. 16 MR. RUNKLE: Thank you. 17 Q The -- in its review of the application for the merger, did the Public Staff investigate competition from 18 other companies that supply energy outside of -- other 19 20 than Duke and Piedmont? 21 Like from whom? Α 22 Well, one of the competition might be from 0 solar energy or different other merchant plants or any 23 number of other companies that would supply either 24

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2	A Well, I mean, we as far as NUGs, we've
3	considered I'm sorry nonutility generators. As far
4	as nonutility generators, we considered those in
5	developing, you know, the conditions to as far as the
6	many different provisions in the Code and the Regulatory
7	Conditions that we that, you know, we considered as in
8	trying to address maybe the needs of NUGs, but that's
9	I know we did that. I don't think we did anything in
10	particular for solar. I mean, obviously we've got a
11	whole 'nother type of proceeding, the REPs proceedings
12	and that, where solar is a big part of that. And we've
13	got a bunch of proceedings where we had CPCNs for solar
14	facilities. So we didn't do anything particular in this
15	case that's related to nonutility generators.
16	Q And
17	CHAIRMAN FINLEY: Mr. Hoard, how about pulling
18	that microphone around a little bit in front of you
19	THE WITNESS: Okay.
20	CHAIRMAN FINLEY: between you and Mr. Runkle
21	as you address his questions.
22	Q In your investigation of the application, did
23	the Public Staff analyze the effects of climate change on
24	the future of either Duke or Piedmont?

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1	A No.
2	Q Okay. Did the as part of your
3	investigation, did the Public Staff look at operational
4	interruptions to gas distribution and transmission
5	activities?
6	A From
7	Q Operational interruptions of any kind?
8	A That was not part of our investigation in this
9	proceeding, I mean, but here again we're getting back to
10	the same issue. I mean, if there was operational a
11	potential operational disruption issue there was one
12	with Piedmont there's nothing about this merger that
13	would cause us to focus on that issue as a result of the
14	business combination.
15	Q In your investigation of the application, did
16	the Public Staff look at potential changes to credit
17	ratings?
18	A We did. That was we did have some we had
19	some data request items on that, and we incorporated some
20	conditions to try to protect against that. I think it's
21	Condition 8.2.
22	Q Uh-huh. And the resulting availability cost of
23	capital?
24	A Well, that's part of it. I think Mr. Young

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1	referred to that this morning as well. Basically,
2	that's, you know, to try to protect ratepayers from any
3	harmful effects as result of the merger on capital cost.
4	Q Did you investigate the ability of
5	counterparties to meet their obligations to Piedmont?
6	A No. I mean, here again, it's the same issue.
7	That's you know, it's not really an issue that pops up
8	with the business combination. We do that sort of
9	investigation in other proceedings, but not in this
10	particular one.
11	Q And as part of your assessment of the
12	application, did you assess the potential growth in Duke
13	Energy's natural gas platform or the development of their
14	natural gas platform?
15	A I mean, we there again, we're familiar with
16	what Duke Energy's plans are as far as, you know, their
17	investment in Atlantic Coast Pipeline, which is the major
18	project. I'm aware that they're invested in Sabal Trail,
19	but frankly that doesn't affect us too much here in the
20	Carolinas. But we didn't do anything special about that.
21	I mean, we do have some conditions in here to address
22	equity investment companies. That has more to do with
23	cost allocations, you know, but as far as the idea of
24	treatment of investment companies, nothing special. I

1	think Mr. Yoho explained earlier today the Piedmont
2	structure for dealing with investment companies and
3	pipelines, and we're familiar with that. They've been
4	doing that for a long time. Started, I think, with Pine
5	Needle back in I'm to think if it was the early 2000s
6	or 1990s, but they've had that structure in place where
7	they kind of have the divided house with the equity, you
8	know, the folks that are involved in the ownership
9	interest separate from those that are looking out for
10	customers. We're familiar with that structure. So, I
11	mean, I think that's there's a lot of things that
12	we're familiar with that we didn't really have to, you
13	know, do a special investigation of in this proceeding.
14	Q Can I turn your attention to the Regulatory
15	Conditions, which is Attachment A to this Settlement
16	Agreement, page 34? And so the Settlement Agreement,
17	page 34, paragraph 8.8. And you're familiar with that?
18	A Yes, but what I was going to do is to kind of
19	look over and see. Let's see here.
20	Q In the blackline drawing it only adds Piedmont.
21	There's no substantive changes.
22	A Okay.
23	Q I know you all
24	A Right.

1 I know the Public Staff is more familiar with Q 2 the blackline, but take your time. 3 Α (Reviewing document.) Okay. So this condition states that the Commission is 4 0 authorized to take whatever action it deems necessary to 5 protect the economic viability of the utilities; is that 6 correct? 7 I mean, it says what it says. I mean, really, 8 А 9 this is one that has more to do with, you know, electric 10 operations. I mean, it does -- it is expanded to include 11 Piedmont, but, you know, it kind of had more, I think, implication in the electric industry with, you know, the, 12 13 you know, preemption risks and those sorts of things. 14 The preemption risks? 0 Yes. For preemption. 15 А 16 Does it have anything to do with the protection Q 17 of a utility's assets from liabilities of affiliates? Is 18 that with the money pools? 19 Α Okay. This has -- this is a ring-fencing provision. 20 21 Okay. 0 22 That's what it is. I'm sorry. I've been Α 23 looking at a lot of stuff the last few days. That's what 24 It's a ring-fencing appropriation to protect, this is.

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1	you know, the ratepayers.
2	Q And what's what are the differences between
3	money pools for one affiliate and borrower or loan from a
4	money pool as opposed to a ring fence?
5	A Sorry.
6	Q In a money pool, one of the affiliates can
7	borrow or lend to another affiliate; is that correct?
8	A Yes.
9	Q And then what's a what does a ring-fencing
10	provision do?
11	A Well, it protects the it protects the
12	utility from, I guess, yeah, I'm thinking about the Enron
13	case basically, you know, where they'd actually had
14	effective ring fencing put in to protect the utilities up
15	in the Northwest from, you know, creditors coming in and
16	taking the assets and disrupting the utility business.
17	That's kind of what ring fencing is tries to
18	attempts to do.
19	Q Are there currently any liabilities in the
20	various companies that the Public Staff sees as potential
21	risk to the economic viability of Duke Energy or
22	Piedmont?
23	A You're talking about when the companies I
24	mean, Duke Energy Corporation has investments around the

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1	world, in South America and the Middle East and so forth.
2	I don't know that they, you know, they have a threat to
3	North Carolina, I wouldn't say that, but they are, you
4	know, involved in lots of different things other than the
5	North Carolina retail, you know, utility business.
6	MR. RUNKLE: I have no further questions.
7	CROSS EXAMINATION BY MR. WEST:
8	Q Good afternoon, Mr. Hoard.
9	A Good afternoon.
10	Q You were present for the testimony of Mr.
11	Barkley, correct?
12	A Yes.
13	Q When I was asking him questions about the
14	negotiated rates and the factors that go into determining
15	negotiated rates and the process by which those kinds of
16	contracts are handled, did you hear him say anything with
17	which you materially disagreed?
18	A No. He described it very well.
19	Q So when the Public Staff gets involved in
20	reviewing or evaluating the contracts that contain
21	negotiated rates, do you do that subject to a
22	confidentiality agreement?
23	A Typically, yes.
24	Q And would that confidentiality agreement
24	Q And would that confidentiality agreement

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restrict the Public Staff from disclosing to someone like 1 Fayetteville PWC or a co-op, hey, you know, another 2 3 facility -- again we'll use the identical twin hypothetical -- seems to have gotten more favorable 4 5 rates? I think we would be bound by confidentiality 6 А agreement to not disclose that information, but, I mean, 7 8 the same point of practical matter is if we're looking at 9 two different agreements that are virtually the same, 10 we're going to ask our own questions, you know, about why 11 we have different rates. MR. WEST: I don't have any --12 And we -- and we have all these Code of Conduct 13 А provisions, too, so we would want to make sure those are 14 followed through upon. 15 16 MR. WEST: I don't have any further questions. 17 CHAIRMAN FINLEY: Redirect? 18 MS. WIKE: No redirect. 19 CHAIRMAN FINLEY: Okay. I have a few Commission questions. 20 EXAMINATION BY CHAIRMAN FINLEY: 21 Mr. Hoard, you heard Commissioner Brown-Bland's 22 0 questions of Mr. Barkley about some of the financial 23 24 concessions that the Public Staff and the Company agreed

E-2, Sub 1095, E-7, Sub 1100, G-9, Sub 682 Duke and Piedmont - Volume 3 Page: 104 1 to with respect to the Distribution Integrity Management 2 cost. Did you hear that? 3 А Yes. Now, our question -- the Commission Staff's 4 0 question is why did you go there to make the financial 5 concessions on behalf of the Company as opposed to 6 7 somewhere else, and are you somewhat concerned that that's some indication that the Company should pay less 8 attention to the safety of its resources? 9 10 А Well, we would assume -- we believe that the 11 Company will do what it needs to do. Basically, with the deferral accounting request, the question is, you know, 12 13 the item -- the cost would normally be expensed. That's 14 the way that the accounting would, you know, have you do 15 it. And the request was for capitalizing those costs,

putting them in a deferred debit account. You know, in 16 looking at -- we have lots of different proceedings going 17 on, and we're very busy, as the Commission is, and it 18 19 just seemed like we had savings over here that are identified in the application, and we have a cost, and 20 21 rather than -- I mean, we have not made a decision on whether we would object to the deferral request. We had 22 23 some issues that we're following up on. But it just 24 seemed like an expeditious way to address, you know,

1	something that we would otherwise have to go through the
2	filing process with. We do expect the Company should
3	follow through and do what it needs to do and follow the
4	same program that it had committed to do before.
5	Q Okay. Piedmont is earning significant revenue
6	from secondary market transactions. Why wasn't
7	Piedmont's 25 percent share of the secondary market
8	transactions used to ensure ratepayers receive a cost
9	savings benefit from the merger rather than the pipeline
10	safety funds? Did you think about that? Did you think
11	about an adjustment there?
12	A Changing the sharing percentage?
13	Q Yes.
14	A I always think about changing the sharing
15	percentage. I we it just didn't seem like we could
16	make that fit in this particular proceeding, I think.
17	That's kind of where we ended up.
18	Q Okay. Section III.H of the Code of Conduct
19	deals with Natural Gas/Electric Competition. It states
20	that, "The competition between DEC and DEP and Piedmont
21	shall be at a level that is no less than that which
22	existed prior to the Merger." Does the Public Staff have
23	any recommendations for the Commission on how to measure
24	compliance with this paragraph?

1	A We'll have to work on it. I mean, there's I
2	mean, obviously we've got to figure out some ways to, you
3	know, enforce these this new condition and the
4	practical effect of what it is. We'll see what we can
5	do. I don't have any advice, sitting here right now. We
6	will point out we have a number of conditions that we've
7	as you pointed out earlier, that evolved over years,
8	and we've worked out ways to deal with most of those
9	conditions and, you know, in a practical and efficient
10	manner, and I think that we'll be able to do that here as
11	well.
12	Q All right. Section XV of the Code of Conduct
13	deals with Procedures for Determining Long-Term Sources
14	of Pipeline Capacity and Supply. Paragraph 15.1 makes
15	clear that DEC and DEP and Piedmont will independently
16	determine the, quote, "appropriate sources," end quote,
17	for interstate pipeline capacity and supply for their
18	customers based on their own cost-benefit analysis.
19	First, does this section refer just to pipeline capacity
20	or is storage capacity included, also?
21	A I would it doesn't say storage capacity, but
22	I would include that to the extent it's used in
23	interstate pipeline storage capacity like Pine Needle or
24	Hardy, something like that.

1	Q Paragraph 15.2, captioned Ownership and Control
2	of Contracts, states, "Piedmont shall retain title,
3	ownership, and management of all gas contracts necessary
4	to ensure the provision of reliable Natural Gas Services
5	consistent with Piedmont's best cost gas and capacity
6	procurement methodology." Once DEC and DEP determine the
7	appropriate sources, will Piedmont own the contracts?
8	A The idea is to keep the businesses separate.
9	Q So that would mean that Piedmont would keep the
10	contracts?
11	A Okay. Well, the idea is that, you know, right
12	now DEC and DEP have their own gas contracts and they
13	have an asset management agreement where they share their
14	capacity and supply, and Piedmont has its own portfolio
15	of contracts. And the idea is that each will figure out
16	what sources of capacity and supply it needs when I
17	say "each," I'm talking about DEC and DEP as a group and
18	Piedmont as another group they'll each figure out what
19	sources of capacity and supply they need and they'll each
20	maintain their own contracts. We want to make sure that
21	Piedmont keeps its own particularly keeps its own
22	contracts so that we don't run into any issues with
23	priority of service sorts of things where a gas LDC
24	contract could be used for, you know, directly towards

1 electric operations. We want to try to keep the businesses separate. 2 3 Will the 25 percent secondary market Q transaction margin share to Piedmont apply to any 4 5 capacity procured for DEC and/or DEP and released to a third party? 6 Sorry. The -- okay. We -- any transaction 7 Α between DEC and DEP and Piedmont there is no sharing on, 8 so we've added a condition to do that. 9 I believe that's consistent with what Mr. 10 0 11 Barkley said, is it not? 12 (No response.) Α 13 All right. Code of Conduct Section III.D.3.(g) 0 deals with margins received by Piedmont on secondary 14 15 market sales to DEC and DEP. It states that all margins from secondary market transactions by Piedmont to DEC and 16 17 DEP will flow through to customers, with no 25 percent sharing by Piedmont pursuant to the Commission's December 18 22, 1995 Order Approving Stipulation in Docket Number 19 20 G-100, Sub 67. Doesn't this create a situation where 21 Piedmont would profit from making a secondary market 22 transaction sale to a party other than DEC or DEP, and thus have an incentive to do so? 23 Well, I think we realize that. I think the 24 Α

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	1 most important issue here is that Piedmont does not
	2 profit on sales to Duke, to DEP and DEC. I mean, what we
	3 don't want to have, a situation, is where basically every
	4 the dekatherm that goes to a Duke plant runs through
	5 Piedmont. We wouldn't want that. You know, that's 25
	6 percent, you know, skimming. That doesn't make any
.	7 sense. So what we've tried to do is set up so, okay, we
	8 have zero sharing on the DEC and DEP transactions, 25
-	9 percent on everything else like it always has been. The
10	0 reality is there really haven't been many transactions
1:	1 between DEC and DEP and Piedmont. I mean, it there
12	² were a few years ago for a number of transactions, but I
1:	3 have a chart that kind of looks like one of these. It's
14	4 like it has really dropped off, the amount of volume,
1!	5 and I there's really not a whole lot of need for, you
10	6 know, for those transactions. I mean, they could occur,
1'	7 but I don't think that's I mean, that's a big going
18	8 to be a big issue because it just hasn't been that volume
19	9 level of transactions between DEC and DEP to Piedmont.
20	Q The Commission is aware of at least one
2:	1 contract between Progress Energy and Piedmont in which
2:	2 electric compression was specified for a pipeline built
23	3 to serve a generating facility. Is that sort of

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condition allowed under the Regulatory Conditions and

24

1	Code of Conduct in this merger?
2	A I don't know what the circumstances were for
3	why electric compression was used at that particular
4	facility. I mean, I think as Mr. Barkley explained, I
5	mean, the idea is we want that Piedmont should operate
6	its gas business to the benefit of its gas customers and
7	not to try to push sales over to the to Duke. I think
8	if they if we do see electric a lot of electric
9	compression coming along, there will be a fair number of
10	questions being asked why that's happening from the
11	Public Staff, and I imagine from the Commission, too.
12	Q Regulatory Condition 9 states, "Beginning with
13	the month in which the Merger closes, Piedmont will use
14	net-of-tax overall rate of return from its last general
15	rate case as an applicable interest rate on all amounts
16	over-collected or under-collected from customers
17	reflected in the Sales Customers Only," the All
18	Customer "the All Customers, and the Hedging Deferred
19	Gas Cost Accounts." That is a change from the 10 percent
20	statutory maximum now used on some of the costs that are
21	run through those deferred accounts short-term in nature,
22	and did the Public Staff consider using a cost of short-
23	term debt as appropriate?
24	A Well, I try I think about lots of different

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rates for -- that apply to deferred accounts, and I think 1 2 the one we've -- that has kind of been agreed upon in 3 lots of different proceedings for accounts that are symmetrical, you know, you have -- other than the fuel 4 account, you know, the fuel cost cases for the electric 5 6 utilities, pretty much most of the accounts that are 7 symmetrical, like for Piedmont all the accounts are 8 symmetrical, the debits and credits get interest both ways, the only one that had the 10 percent are these ones 9 10 that are identified here. There are a number of others 11 that the net-of-tax return is used. It's also used in a 12 number of applications in the electric industry, you 13 know, for, I think, for the Duke bulk power marketing for 14 I think the EDPR and other -- there are a number of one. 15 applications where the net-of-tax return is used, so I 16 think it makes sense, you know, kind of as an in between 17 interest rate.

When you start -- I will say when you start to go down that road towards whether you use a longer-term rate or a short-term rate, you bring in lots of other folks that have opinions on that that, I mean, it's -- as far as what the right rate could be, I mean, I think in certain circumstances you could argue a short-term rate would make sense. But I think the -- you've got to look

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1	it gets into kind of the overall capitalization
2	question, and I think we look at the the deferred
3	accounts are basically supported by the overall
4	capitalization of the company.
5	Q On page 17 of your testimony you state that
6	under the Code of Conduct, Section III.H, "In determining
7	where and when to extend the availability of natural gas,
8	Piedmont will at a minimum apply the same standards and
9	criteria that it applied prior to the Merger." What are
10	the existing standards and criteria that Piedmont uses
11	and what does "at a minimum" mean in this context?
12	A Okay. Sorry. At what page? I didn't
13	Q Page 17.
14	A Of the
15	Q Code of Conduct, Section III.H. Page 17 of
16	your testimony. I'm sorry.
17	A Well, basically they use feasibility studies.
18	Q I beg your pardon?
19	A Economic feasibility studies and CIAC. You
20	know, if it's feasible to extend. You have a I think
21	the rule still is a hundred feet of main, a hundred of
22	service that you get, and then if you go beyond that,
23	then you start to look at doing a feasibility study and
24	coming up with a contribution and native construction to

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extend service. 1 2 CHAIRMAN FINLEY: Other questions by Commissioners? 3 (No response.) 4 CHAIRMAN FINLEY: Questions on the Commission's 5 questions? 6 7 MR. JEFFRIES: Piedmont has. CROSS EXAMINATION BY MR. JEFFRIES: 8 Mr. Hoard, do you recall, and referring to the 9 0 10 -- with the agreement of Piedmont to withdraw its 11 deferred O&M temp proposal, do you recall what the level of projected spending under that mechanism or that that 12 mechanism was intended to address was? 13 \$18 million. I think a total of \$18 million. 14 А It was over five years or three years, so it was --15 16 About three and a half a year, I think, was the Q 17 number --18 А Okay. 19 -- something -- do you accept that, subject to Q 20 check --Yes, sir. 21 Α 22 -- ballpark? Is that material compared to Q Piedmont's total cost of service? 23 No. I mean, its O&M is around 300 million. 24 А

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1 Uh-huh. And the O&M is not its complete cost 0 2 of service, right? It's just a component of the service. 3 А Right. That's just one of -- yeah, it's just one piece. Doesn't include the cost of gas, return or 4 taxes. It's just -- had to be a number I had in my mind 5 that was pretty big. 6 Right. And you've got several years' 7 0 experience now with Piedmont's expenditures under its 8 9 Integrity Management programs; is that correct? 10 А Yes. 11 0 And would it be fair -- well, let me ask you, 12 do you have any concerns that Piedmont has not been spending aggressively enough on Integrity Management 13 projects? 14 15 А Not at all. They've done a very good job of 16 spending money. 17 (Laughter.) 18 MR. JEFFRIES: Thank you. I believe Mr. Somers 19 may have a question. 20 MR. SOMERS: If you don't mind, I'm going to 21 ask one. CROSS EXAMINATION BY MR. SOMERS: 22 23 Mr. Hoard, you were asked a question -- a Q couple questions by Chairman Finley about the Code of 24

1	Conduct, Section D, and I think Mr. West asked you a few
2	questions about that section as well. It relates and
3	the heading of that section, while you're turning to it,
4	is Transfer of Goods and Services, Transfer Pricing and
5	Cost Allocation. Do you recall those questions?
6	A Yes.
7	Q Okay. And I believe you mentioned you
8	testified earlier that in the event that the Public Staff
9	was reviewing negotiated contracts between Piedmont and
10	various electric generators, if you saw some divergence
11	in the rates that were charged, that you would ask your
12	own questions. Do you recall that?
13	A Yes.
14	Q What kind why would you do that?
15	A Well, we would want to find the find out
16	what the basis was for the difference in pricing. You
17	know, we look at the cost data, return, everything built
18	into the contracts, and then we look at the terms of
19	service and try to see if there's a rational reason for
20	why one price would be different than the other.
21	Q And hypothetically, if that situation arose and
22	you asked questions, and as a result of the answers
23	provided by the Companies if the Public Staff had a
24	question or concern that there was undue discrimination,

1	what would you do?
2	A We would bring it first to try to bring it
3	to the Company's attention to see if we could see if
4	they had a good reason for it, and I think we would
5	probably if they didn't have a good reason for that,
6	do what we could to get them to address that issue.
7	Q And do you have any doubt that the Public Staff
8	has the ability to bring that issue to the Company's
9	attention and get it resolved?
10	A I believe we could bring it to the Company's
11	attention to get it taken care of, yes.
12	Q And I sorry. Were you done answering?
13	A Iam.
14	Q Hypothetically, if the Companies were unable to
15	resolve the Public Staff's questions, do you have other
16	remedies available to ensure that there is no undue
17	discrimination?
18	A Yes. We could bring it to the Commission's
19	attention.
20	MR. SOMERS: Okay. Thank you. I have no
21	further questions.
22	CHAIRMAN FINLEY: All right. Mr. Hoard, you
23	better get off the stand there while the getting is good.
24	You're excused.

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1 (Witness excused.) 2 CHAIRMAN FINLEY: Is that your case, Public Staff? 3 MS. WIKE: That completes our case. 4 5 CHAIRMAN FINLEY: I believe that's all the 6 evidence that we are slated to hear in this case. Any 7 motions? Any issues that we need to resolve? 8 MR. SOMERS: Mr. Chairman, if I may, I will 9 stand on our prior arguments on the original Motion in Limine, the continuing objections that were lodged and 10 11 recognized by the Commission throughout the -- and don't 12 wish to be heard further on that, but would appreciate a 13 ruling from the Commission in due course. 14 MR. RUNKLE: Chairman, in light of the 15 responses by Ms. Good and Mr. Young to cross examination 16 and Commission questions, we would like the opportunity 17 to review the transcript and be able to make the nexus. 18 We understand that it's a serious matter and a concern by 19 all involved, and so would ask you to defer a Motion in Limine until that time. 20 21 CHAIRMAN FINLEY: Well, it would be a Motion to 22 Strike. MR. RUNKLE: Motion to Strike. Excuse me. 23 24 CHAIRMAN FINLEY: Okay. I'll allow you to do

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1	that. I'll allow you to do that. Okay. One other
2	housekeeping matter, Commissioner Brown-Bland was
3	unavoidably unable to appear at the hearing yesterday.
4	We'd begun the technical case before she could return
5	from town. It would be my thought that we would waive
6	any difficulties that the Commission might have in
7	letting her rule on this case because she missed that
8	part of the case.
9	MR. SOMERS: Duke Energy has no objection to
10	Commissioner Brown-Bland reading the transcript and
11	participating in the decision.
12	MR. JEFFRIES: Piedmont Natural Gas has no
13	objections.
14	MS. WIKE: No objection from the Public Staff.
15	MR. RUNKLE: No objection NC WARN.
16	MR. WEST: No objection Fayetteville PWC.
17	CHAIRMAN FINLEY: Very well. Now, what do the
18	parties say about post-hearing filings? What is your
19	wish?
20	MR. SOMERS: I haven't discussed this with
21	opposing counsel, but our preference would be sort of the
22	standard. If we had 30 days from receiving the
23	transcript to submit any post-hearing filings, that would
24	be acceptable to us.

CHAIRMAN FINLEY: Anybody have an objection to that? (No response.) CHAIRMAN FINLEY: So ordered. Anything else? (No response.) MR. SOMERS: Thank you. CHAIRMAN FINLEY: Very well. Thank you all for your participation and for the presentations, and the hearing is adjourned. (The hearing was adjourned.)

STATE OF NORTH CAROLINA

COUNTY OF WAKE

CERTIFICATE

I, Linda S. Garrett, Notary Public/Court Reporter, do hereby certify that the foregoing hearing before the North Carolina Utilities Commission in Docket Nos. E-2, Sub 1095, E-7, Sub 1100, and G-9, Sub 682 was taken and transcribed under my supervision; and that the foregoing pages constitute a true and accurate transcript of said Hearing.

I do further certify that I am not of counsel for, or in the employment of either of the parties to this action, nor am I interested in the results of this action.

IN WITNESS WHEREOF, I have hereunto subscribed my name this 25th day of July, 2016.

Linda S. Garrett Notary Public No. 19971700150