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TIME: 9:30 a.m. - 2:06 p.m.
DOCKET NO.: E-100, Sub 165
BEFORE: Commissioner Daniel G. Clodfelter, Presiding
Chair Charlotte A. Mitchell
Commissioner ToNola D. Brown-Bland
Commissioner Lyons Gray
Commissioner Kimberly W. Duffley
Commissioner Jeffrey A. Hughes
Commissioner Floyd B. McKissick, Jr.

IN THE MATTER OF:

Technical Conference

2020 Biennial Integrated Resource Plan Reports
and Related 2020 REPS Compliance Plans by Duke Energy
Carolinas and Duke Energy Progress

VOLUME: 3

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All-Source Procurement Panel:

Glen Snider	George Brown
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Grid/Transmission Panel:

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P R O C E E D I N G S

1
2 COMMISSIONER CLODFELTER: Good morning,
3 everyone. And welcome back to day two. If I
4 recall correctly, Mr. Jimenez, you have a presenter
5 who will be next. And if I'm correct about that --
6 someone can correct me if I'm wrong, but if I'm
7 correct about that, Mr. Jimenez, I'm gonna turn it
8 over to you for continuation of intervenors'
9 presentations on topic number two.

10 MR. JIMENEZ: I think that is right,
11 Commissioner Clodfelter, and members of the
12 Commission. My name is Nick Jimenez, and I'm a
13 lawyer with the Southern Environmental Law Center
14 representing the state's parties in this
15 proceeding. I'm here to present our expert,
16 John Wilson, research director at Resource Insight,
17 Inc., to discuss the second issue in the
18 Commission's order as scheduling this technical
19 conference, all-source procurement.

20 MR. WILSON: Good morning. May I share
21 my screen, please? Thank you. Good morning,
22 Commissioner Clodfelter, Chair Mitchell, and
23 members of the Commission. I appreciate the
24 opportunity to participate in this technical

1 conference, and thank you for including our
2 proposal for North Carolina to adopt all-source
3 procurement on behalf of SACE, Sierra Club, and
4 NRDC.

5 So why should North Carolina adopt
6 all-source procurement? That's because all-source
7 procurement is more likely to result in the
8 least-cost mix of demand and supply-side resources
9 than traditional single-source procurements,
10 because it harnesses market dynamics more
11 effectively.

12 There is two ways that all-source
13 procurement helps achieve this least-cost mix. One
14 is by obtaining price and performance information
15 about generation alternatives directly from the
16 marketplace. Second, by identifying unanticipated
17 opportunities to meet electricity supply challenges
18 more efficiently with that blend of technologies
19 that is supplied by the marketplace and evaluated
20 by the utility after receiving that information.

21 Let's step back and have a quick
22 definition for all-source procurement. We view
23 all-source procurement as occurring whenever a
24 utility and its regulators believe that it is time

1 to procure new resources. The utility uses a
2 unified resource acquisition process and sets
3 requirements for resources that are
4 technology-neutral.

5 Very briefly, I wanted to just mention
6 the source of material for my presentation. So
7 the -- there has been four recent reports on this
8 topic, at least, and one is -- I was a coauthor
9 of -- for SACE and Energy Innovation back in
10 April of 2020, and that was the basis for the
11 report filed in this proceeding that focused on the
12 Carolinas in February 2021. RMI and RAP put out a
13 report as well, and then LBNL's grid program also
14 have published a report.

15 And where you see these icons at the
16 bottom of the screen, I'm referencing material from
17 each of those reports. And I will always give a
18 quick nod to the North Carolina energy regulatory
19 process work on this topic that Mr. Levitas
20 discussed yesterday.

21 So, again, coming back to the theme of
22 the least-cost mix. When a Colorado utility calls
23 their low and wind -- their lows recent -- excuse
24 me. When a Colorado utility calls their solar and

1 wind prices shocking, and when an Indiana utility
2 executive is surprised that wind and solar prices
3 are significantly less expensive than new gas-fired
4 generation, you know you're on to something. And
5 this is the results from the Colorado solicitation.
6 And Mr. Levitas, I believe, made some references to
7 this yesterday.

8 As you can see here, the median price
9 bid for wind projects was \$18 four years ago.
10 Solar prices was \$29 a megawatt hour, again, four
11 years ago. Look at the variety of generation
12 technologies that were submitted by bidders. Lots
13 of different combinations of technology. And
14 within each of those categories there were
15 different technologies as well. So the utility had
16 a really rich variety of resource options to
17 consider when it was evaluating its bids.

18 More generally, you can see that there
19 is a lot of market interest in participating in
20 all-source procurements. Compared to some other
21 procurements that get just a handful of bidders,
22 there is a lot of bidders that show up when a
23 well-run and perceived as very fair all-source
24 procurement is made available to the public. And

1 that's the kind of participation that I think
2 North Carolina would want to encourage in its
3 procurement proceeding.

4 So let's step back a little bit further
5 and make sure that we understand the difference
6 between all-source procurement and other
7 procurement methods. First of all, there is the
8 sort of historic noncompetitive solicitation where
9 the utility makes the decision to select, design,
10 and build a generation. In those self-build
11 approaches, the utility might conduct an RFP, or
12 might at least offer an RFP, but there would be
13 minimal market participation in those cases because
14 there is -- the market participants sort of look at
15 those RFPs and expect bias and know not to really
16 put a lot of effort into participating in those,
17 and I have seen a few of those around in the
18 Southeast.

19 I don't want to say, though, that those
20 noncompetitive solicitations are not without
21 efforts at cost control, because when the utility
22 makes those decisions, it may conduct competitive
23 solicitations for services or equipment in an
24 effort to try to help keep the cost of its

1 preferred design and location of the generation.

2 So that's the -- kind of the noncompetitive

3 procurement approach.

4 In a single-source procurement, there is

5 an RFP issued, but with separate procurements for

6 each technology, and those technology targets were

7 selected in the planning process. So the amount of

8 each resource to be procured is selected up front.

9 Now, sometimes you'll see these -- a bundle of

10 solicitations, maybe for wind and solar and gas,

11 all released at one time, and you may call that a

12 comprehensive solicitation, but it's still

13 single-source, because the results from each of

14 those separate solicitations are not competitively

15 evaluated against each other. These single-source

16 RFPs typically across the country will use an

17 independent evaluator.

18 Now, turning to the all-source

19 procurement, in this case the requirements for the

20 capacity or generation resources are

21 technology-neutral. There is a lot more

22 responsibility for the independent evaluator

23 because of the complexity of the evaluation

24 process. Again, I will emphasize, in the

1 all-source procurement, as with the others, it's up
2 to the regulator, but there is the opportunity for
3 the utility to participate through self-build, and
4 that's especially important when there is unique
5 resources or challenges that are part of the
6 procurement process. The utility's option can
7 still be evaluated against market participants, but
8 there may be things that the utility brings to the
9 market that no one else can.

10 The steps in an all-source procurement.
11 I'm gonna break those down into three general
12 steps. Defining the need, then setting the
13 eligibility assumptions and bid evaluation method,
14 and then finally revealing the prices and
15 performance from the marketplace through the RPF.

16 Defining the need, this is a really key
17 difference between a single-source procurement and
18 an all-source procurement. Instead of defining a
19 specific energy or capacity target, like
20 800 megawatts of whatever resource -- instead, the
21 Commission approves the load forecast that needs to
22 be met, determines which existing plant retirements
23 might occur, and makes decisions about how public
24 policy is to be considered. So that -- those

1 decisions are less restrictive than a numeric
2 capacity target for specific technologies. It's a
3 little harder to put a quick name on, so it's real
4 easy to say, you know, we want 800 megawatts.
5 Boom, everyone knows what that means. In this
6 case, it's a more complex need, but it allows the
7 market to come in and supply more capacity or more
8 energy than a specific numeric target might
9 require, but results in a more cost-effective
10 result for the customer.

11 Now, once the Commission has defined the
12 need, the second step is for the Commission to make
13 decisions about eligibility, key assumptions that
14 are used in running the RFP, and then the overall
15 bid evaluation method.

16 First, with respect to eligibility,
17 there might be geographic limits or targets to meet
18 specific reliability needs. So those are
19 performance requirements that are applied to the
20 portfolio, but they may have -- they may make it --
21 they may constrain the kind of bids that come in.

22 Second, there is gonna be a number of
23 assumptions that are made that -- and there is a
24 wide range of assumptions that still have to be

1 made, because that information can't come from the
2 marketplace. And it's best for those to be
3 approved up front during the IRP process because
4 that avoids post-RFP litigation where parties,
5 either stakeholders or disgruntled bidders, might
6 say, "We don't think your assumptions were correct.
7 We think our project would have been better than
8 the ones that were selected." So that's -- that
9 assumption process is really important.

10 And then third, the overall bid
11 evaluation method needs to be verified to make sure
12 it's gonna correctly optimize among all the
13 different technologies that come in, but also
14 optimize across time. There is gonna be projects
15 that are gonna be built in 2026, there's gonna be
16 projects built in 2030. They all need to perform
17 together optimally in 2040. And how you deal with
18 that optimization across time is an issue that is
19 often overlooked in single-year, single-source
20 procurements.

21 Finally, the bid evaluation method must
22 also address interconnection reliability, and
23 that's something that I'm sure you're very
24 interested in.

1 Then, once the IRP is complete and we
2 have defined the need and we have made all these
3 important policy and technical decisions, the
4 utility runs the RFP. And that's where, of course,
5 the price of performance comes out based on market
6 pricing and information about the performance of
7 all the different technologies that are there.

8 And we know how important market pricing
9 is, because even Duke says that comparing market
10 pricing to forecast leaves little value in the
11 planning space. Basically what they're saying is
12 that price forecasts are very different from market
13 pricing. And for that reason, we don't think price
14 forecasts should be used to determine the
15 allocation of resources between solar tracking and
16 fixed solar, for example. You know, you want to
17 see the actual performance and price information,
18 and that's what's so important about the all-source
19 procurement.

20 You have already heard a little bit
21 about the Colorado model, and we think this is the
22 best example of the all-source procurement process.
23 Every four years Colorado utilities are required to
24 file an electricity resource plan, or ERP, which is

1 the equivalent to North Carolina's IRP, and that
2 initiates the all-source procurement process. That
3 process includes planning, procurement, and then an
4 abbreviated CPCN proceeding.

5 So, in the planning process, it's not
6 just one definition of need that's set up.
7 Colorado actually creates several need scenarios.
8 And the final decision on the need scenario occurs
9 after the procurement. So bidders know that there
10 is different combin- -- or different goals that the
11 Commission is interested in meeting, and it wants
12 to see how well the market can respond to each of
13 those different goals, and it's gonna determine, at
14 the end of the process, which scenario is the one
15 that it wants the selection to occur on.

16 So for example, in Colorado, the clean
17 energy plan scenario included early retirement of
18 two coal plants, and that was the scenario that the
19 Commission used to select a portfolio that it
20 approved.

21 Now, backing up again to the ERP
22 process, during that ERP, Colorado approves the RFP
23 documents, it approves the model contracts, it
24 approves the modeling assumptions, and a number of

1 different other similar decisions. After that set
2 of approvals is done, the RFP is issued. And in
3 Colorado, they use different forms for intermittent
4 dispatchable and semi-dispatchable resources
5 because they need different kinds of information to
6 evaluate this in the model. But all of those bids
7 from all three forms are considered together at the
8 same time in the single-utility system planning
9 model. And again, as I mention, utility-owned
10 projects, those are allowed in Colorado, and then
11 also the utility can own projects that result from
12 the RFP, so it can acquire those as well.

13 Now, the key tradeoff in Colorado is
14 that Colorado's process can be long. It
15 require- -- and it really requires a concentrated
16 long-term effort from involved stakeholders,
17 utility, and Commission staff. So I don't want to
18 underestimate the level of effort that's required
19 from everyone, but it does result in a better
20 outcome.

21 Duke Energy and their comments on this
22 have raised four criticisms. First, they've called
23 this a one-size-fits-all approach. We think that's
24 just backwards. All-source procurement is actually

1 more flexible than single-source procurement.
2 Second, they've said this is a solution in search
3 of a problem, and that's just false. The problems
4 are very well described in the reports we filed,
5 and I will summarize those briefly in a future
6 slide. Third, they said that this would reduce the
7 utility management's role in selecting new
8 resources, and that's true. It would provide
9 greater transparency and less potential for utility
10 bias by having a Commission approval of a number of
11 the key decisions made up front. And finally, they
12 said that this is inconsistent with North Carolina
13 regulations and statutes, and counsel is going to
14 address that at the conclusion of my comments.

15 Now, let's go back to the question of
16 the flexibility. Duke Energy's 2020 IRPs
17 contemplate single-source procurement, and this is
18 based on the IRPs as filed, not, sort of, the
19 update that we've heard a little bit about from
20 South Carolina that advances some retirement dates.
21 And you see here that, although Duke Energy
22 Progress identifies its first year of need as 2024,
23 its forecast resource additions really begin in
24 2026. Duke Energy Carolinas says its first year of

1 need is 2026, but its major resource additions
2 don't occur until 2030. But if retirements are
3 advanced into these years, then you are gonna see
4 much more substantial resource acquisitions. And
5 the way that Duke Energy has structured this is
6 that they would be pursuing single-source
7 procurements, as we understand it, across each of
8 these different technologies because they would say
9 that they need -- you know, combined cycle, they
10 need a firm resource that produces a certain amount
11 of energy, combustion turbine, they need a firm
12 resource that, you know, can deliver power over a
13 certain number of hours. And the difference
14 between that and the all-source procurement is
15 that, in the all-source procurement, you say, here
16 is the outcome that is desired. Here is the
17 definition of need that we have, and we want a
18 portfolio that meets that, and any combination of
19 resources that can meet that overall need is deemed
20 acceptable. And that's the key difference there.

21 Here's a quick summary here of the
22 problems that are solved by all-source procurement.
23 First, waiting until plants are already uneconomic.
24 That's the characteristic of many of the

1 procurement approaches that Duke Energy and other
2 single-source procurement utilities use. They
3 wait -- they wait until the plant is uneconomic and
4 then they initiate the procurement. Instead, in an
5 all-source procurement, you can provide the
6 economic basis for scheduling those retirements
7 much more effectively.

8 Another problem is litigation during the
9 regulatory or CPCN approvals. The solution there
10 is to resolve those technical and policy issues in
11 advance. Third, the conventional approach selects
12 the resources based on Duke's own staff research.
13 The solution to that is to obtain price and
14 performance information from the market. Fourth,
15 Duke Energy's approach considers one technology
16 solution at a time. The all-source procurement
17 approach creates opportunities with blends of
18 technologies. Duke's approach would make
19 investment decisions in silos, although that's
20 changing somewhat with their integrated system
21 operation planning. But in the all-source
22 procurement approach that we recommend, there would
23 be updates to the coordination of generation
24 planning with energy efficiency and transmission to

1 ensure that that is a much more tightly knit
2 approach.

3 Duke's approach has potential financial
4 and cultural bias. There is a raft of research
5 that demonstrates that vertically integrated
6 utilities have financial and cultural bias towards
7 certain types of procurement, and it's the
8 regulator's role to make sure that the RFPs promote
9 fair and competitive bidding and overcome these
10 biases. And finally, the conventional approach
11 risks delay in heavily contested CPCN proceedings,
12 and the solution is to expedite the certification
13 of winning bids by demonstrating that, during the
14 IRP process, the Commission exercised advanced
15 oversight over the key factors that led to the
16 decisions about which bids should be selected.

17 Now, a key question among all the
18 different models of all-source procurement is
19 whether the utility should be in the leadership
20 role or whether the regulator should be in the
21 leadership role. We've got a few good examples of
22 each type. So in the case of the utility-led
23 approach, Indiana and New Mexico are two places
24 where you've seen very strong utility-led RFPs.

1 IRP was used to provide guidance. The regulator --
2 but the regulator really reviewed the all-source
3 procurement process retrospectively and the RFP
4 resulted in a single winning portfolio. So the
5 Commission just really only had one choice before
6 it during the CPCN process.

7 Significant risks with this approach are
8 a biased outcome, that the single portfolio might
9 reflect internal utility biases. Also, the risk of
10 a litigated CPCN, and that occurred in both the PNM
11 case in New Mexico as well as Minnesota Power,
12 which was a single-source procurement.

13 In the PNM case, it was remarkable
14 because intervenors came in and actually used the
15 modeling software that the Company used and
16 demonstrated that another portfolio would meet the
17 Commission's goals more effectively, and that
18 portfolio was selected over the Company's preferred
19 approach. But that was still a lengthy litigation
20 process that occurred after the RFP process was
21 completed.

22 In the Minnesota Power case, the
23 Commission had expressed a preference for an
24 all-source procurement approach, but the Company

1 chose to run single-source procurements. And
2 during the proceeding that followed, the
3 Commissioners expressed a lot of dissatisfaction
4 with that result. There was evidence presented
5 that suggested that it wasn't the most
6 cost-effective approach. It was a very contentious
7 and drawn-out proceeding. In the end, the
8 Commission felt its hands were tied, that it needed
9 to approve the Company's proposal because of
10 concerns about reliability that would not allow for
11 the time to go through an entire redo of the RFP.
12 So that's the big risk with the utility-led
13 process.

14 In contrast, the regulator-led
15 process -- I've already gone through this with Xcel
16 Colorado. It results in the regulatory approval
17 for the need, the eligibility, the assumptions, and
18 the evaluation method up front, and the RPF
19 provides alternative portfolios. But the biggest
20 risks there are that the IRP process can be
21 litigated and that can result in a longer overall
22 timeline. And also that, in the end, you get this
23 tradeoff between cost and certainty. You've got
24 the best combination of resources, might be -- the

1 cheapest one might be -- might raise some
2 reliability or implementation issues. And so the
3 Commission has to evaluate that, but fortunately,
4 it's being presented with alternative portfolios so
5 it can make that evaluation and come to a decision
6 about what reliability or implementation issues
7 it's willing to defer to the future in the approval
8 process.

9 Now, let's talk very briefly, wrapping
10 this up, about how we shift from a utility-led to a
11 regulator-led process in North Carolina. Without
12 all-source procurement, the 2026 to 2031 resource
13 mix is going to be determined by Duke Energy's IRP
14 assumptions. Duke Energy is likely to issue an RFP
15 later this year to obtain about 900 megawatts of
16 gas-peaking capacity for delivery in 2026. And if
17 you look at the IRP, there is about 6,000 to 9,300
18 megawatts for winter-rated capacity for procurement
19 that Duke Energy is going to procure over the 2026
20 to 2031 time period, likely through all-source
21 procurements or something very -- excuse me, likely
22 through single-source procurements or something
23 very similar to that. And what we're recommending
24 is that Duke -- is that the Commission use Duke

1 Energy's 2022 IRP to launch a comprehensive
2 procurement process that challenges the market to
3 deliver a cheaper, cleaner mix of resources.

4 Thank you very much. I look forward to
5 your questions, but I'm gonna turn it back to the
6 counsel to address some further questions.

7 MR. JIMENEZ: Thank you, Mr. Wilson. So
8 in responding to the Commission's order, I wanted
9 to very briefly address the authority to implement
10 all-source procurement. There are multiple
11 sources, but the most straightforward place to
12 begin is with G.S. 62-2(a)(3a), which establishes
13 the state policy to require least-cost planning.
14 The Commission has broad authority to implement
15 that state policy. So under any -- under G.S.
16 62-2(b), that says the authority is vested in the
17 Commission precisely to regulate utilities in
18 accordance with the policy set forth in Chapter 62.
19 And G.S. 62-30 gives it general power and authority
20 to supervise utilities as may be necessary to carry
21 out the laws providing for the regulation.

22 And in addition, the Commission
23 implements state policy through the IRP statute.
24 So G.S. 62-110.1(c) gives the Commission a great

1 deal of discretion with respect to how it develops
2 its long-range plan, and using its broad rulemaking
3 authority under G.S. 62-31, the Commission may
4 implement all-source procurement to carry out both
5 state policy and its duty to develop that plan.
6 And, indeed, the Commission did something very
7 similar when it established the process for
8 granting or denying certificates of public
9 convenience and necessity.

10 The CPCN statutes do not give complete
11 instructions for the process, so the Commission
12 relied on its rulemaking authority under G.S. 62-31
13 and on G.S. 62-60 to establish a process, and that
14 was litigated. And in State ex rel. Utilities
15 Commission v. Empire Power from 1993, the Court of
16 Appeals held that that was exactly right in order
17 to effectuate the purpose of the chapter, which is
18 to promote the policy of the state as set forth in
19 the G.S. 62-2.

20 So we recognize the Commission would
21 need to modify or adopt new rules to implement an
22 all-source procurement program, but there is broad
23 authority to do that under G.S. 62-31.

24 That was very quick. Thank you again,

1 Commissioner Clodfelter, Chair Mitchell, members of
2 the Commission, for the opportunity to present on
3 this issue, and as John -- as Mr. Wilson says, we
4 would be happy to address any questions you might
5 have.

6 COMMISSIONER BROWN-BLAND: Commissioner
7 Clodfelter, you're on mute, I think.

8 COMMISSIONER CLODFELTER: My spacebar
9 temporary unmute seems not to be working this
10 morning. So as we did yesterday, we will open the
11 questions by inviting Commission staff to ask any
12 questions they may have. Thank you both for your
13 presentations.

14 MR. McDOWELL: Commissioner Clodfelter,
15 this is Steve McDowell. I have one question, I
16 think, of Mr. Wilson. And I haven't studied any of
17 these other utilities, Colorado, et cetera, in
18 terms of their all-source procurement
19 opportunities, but when they are evaluating the
20 proposals that came in and combinations of those to
21 provide what the utilities' needs are, is there
22 some formal risk assessment that's provided for in
23 that evaluation? How is that -- how was that
24 conducted?

1 MR. WILSON: Yeah. That --

2 MR. McDOWELL: I would assume that it's
3 not just, well, this is the least cost, let's do
4 that. Its risk and attributes of that.

5 MR. WILSON: Thank you, Mr. McDowell.
6 That's a great question. And that approach varies
7 from state to state. And in some utilities it's
8 more transparent than others, but it's essentially
9 the same modeling process that Duke Energy uses to
10 model generic resources. So there is really no
11 limitation on the ability to evaluate risk. It's
12 up to the Commission and the utility to, sort of,
13 set its preferences on how that risk wants to be
14 done. So that's a part of the IRP process to make
15 that decision.

16 So in the case of Colorado, I know they
17 evaluated several different scenarios. I don't
18 recall any specific risk metrics that they used in
19 their evaluation, such as a stochastic process, but
20 they easily could have done so, and that wouldn't
21 have fundamentally changed the process at all. But
22 instead, what they did was they wanted some
23 portfolios that emphasized certain kinds of
24 resources or certain kinds of performance. There

1 was some restrictions on, sort of, scheduling
2 uncertainty, that sort of thing, that were in
3 different portfolios. And so they came up with --
4 I can't remember exactly the number, but I want to
5 say maybe five or six different portfolios for the
6 Commission to consider, and the Company's
7 recommendation was not its base case but its clean
8 energy plan case, because it felt like that added
9 more value at very little additional cost. So
10 it's -- but the risk tradeoff can be evaluated.

11 I do know, in the PNM case, I do recall
12 that there was the capability to do stochastic
13 modeling with that software, and I just don't
14 remember if that was used in that case. That would
15 be something I would have to go back and look at.

16 MR. McDOWELL: Okay. Thank you. I just
17 know how Duke conducts its IRP, and it looks at the
18 various portfolios and how robust each of the
19 portfolios is against different gas prices or
20 carbon or this or that, and I think that's a very
21 effective way to look at risk. So I was curious as
22 to how that parallels.

23 MR. WILSON: Thank you, Mr. McDowell.
24 Now that you say it that way, I do remember there

1 definitely were sensitivities conducted in both the
2 Colorado and New Mexico cases, and in most others,
3 I think, that they at least run a few
4 sensitivities. Like I said, some of them are less
5 transparent on their presented results than others,
6 but I believe that's a pretty common practice
7 across the utility industry, to run at least a
8 couple of cost sensitivities on each portfolio.

9 MR. McDOWELL: Okay. Thank you for
10 that.

11 MR. WILSON: Sure.

12 MR. McDOWELL: That's all I have,
13 Commissioner.

14 MS. JONES: Commissioner Clodfelter,
15 this is Kim Jones. I do have one question for
16 Mr. Wilson.

17 COMMISSIONER CLODFELTER: Go right
18 ahead.

19 MS. JONES: Good morning, Mr. Wilson.
20 My following of the situation in Colorado is a
21 little bit dated, but I'm aware that a year or two
22 ago PSCo was trying to get permission from FERC to
23 better align the interconnection policies with the
24 all-source bidding. If I recall right, what they

1 were facing was that the people who were highest in
2 the interconnection queue were not necessarily the
3 winners of the all-source bidding, and it was sort
4 of setting them up for this tension, in terms of
5 which transmission should get billed or how to
6 prioritize their work.

7 Can you -- if you're familiar with this
8 issue, can you just kind of update us on how that
9 situation has evolved? Thank you.

10 MR. WILSON: Thank you, Ms. Jones. I am
11 not deeply familiar with that particular issue.
12 That was not a big focus of our review. I am aware
13 that a couple of the CPCNs were delayed, and I
14 suspect that the issue that you're describing may
15 have been the cause of that. But they were
16 approved, so I assume that that was resolved
17 without a lot of controversy. I did check and make
18 sure. I believe all of the CPCNs that won that
19 process were approved, but I could go back and
20 double-check that, but that would require a little
21 additional research.

22 MS. JONES: Thank you.

23 COMMISSIONER CLODFELTER: Anything
24 further from staff?

1 (No response.)

2 COMMISSIONER CLODFELTER: If not, we'll
3 open to the Commissioners, beginning with
4 Commissioner Brown-Bland.

5 COMMISSIONER BROWN-BLAND: No questions
6 for Mr. Wilson.

7 COMMISSIONER CLODFELTER: All right.
8 Thank you.

9 Commissioner Gray?

10 COMMISSIONER GRAY: No questions.

11 COMMISSIONER CLODFELTER:
12 Chair Mitchell?

13 CHAIR MITCHELL: Mr. Wilson, thank you
14 for being here with us today and for your comments.
15 Kim Jones asked one of my questions. I'm curious
16 about the situation in Colorado and really curious
17 about how the commission out there has
18 implemented -- has implemented this move to
19 all-source procurement.

20 Can you talk some about just how -- and
21 you have covered some of this in your remarks
22 already, but talk for a minute about, you know, how
23 the Colorado Public Service Commission implemented
24 sort of this change in the process and how it's --

1 how -- you know, what the results have been.

2 MR. WILSON: Yeah. No. There is a lot
3 of parallels between Colorado and North Carolina.
4 For instance, the initial Colorado ERP rules came
5 out of issues relating to PURPA-qualified
6 facilities, and their initial RFPs were basically a
7 solution to that. So you can sort of view that as
8 similar to the North Carolina process that's going
9 on right now, you know, that it's focusing on
10 competitive solicitations for renewable energy
11 only. That's kind of similar to how Colorado's
12 process began back in 1996.

13 And then by 2004 this, sort of,
14 two-phase approach was put into the rules. So this
15 IRP first and then solicitation phase second. That
16 phase sort of began in 2004. There was a lot of
17 dispute, let's say, between the utility and the
18 stakeholders, some of whom were interested in
19 participating in this process, about the
20 implementation of that. And so it took a number of
21 years for the rules to be kind of revised over and
22 over again until the utility finally embraced it
23 and really has, in the last two solicitations,
24 really gone through a full all-source procurement

1 process.

2 The one prior to the one that I
3 referenced in the proceeding, which I believe began
4 in 2012, didn't result in such remarkable outcomes
5 that it caught the media's attention. But it was
6 the 2016 to 2019 process that really brought
7 forward all of the interesting results and caught a
8 lot of people's attention.

9 So it's been a gradual evolution. Every
10 time the procurement has occurred, the Commission
11 has gone back and sort of revisited its rules and
12 said what worked well, what didn't work well, and
13 kind of improved on that. And I think now, based
14 on the conversations I have had with active
15 commissioners and retired commissioners, one of
16 whom, Brian Layer, was a coauthor of the paper with
17 us, that process is working really really well.

18 CHAIR MITCHELL: All right. Talk --
19 thank you for that, Mr. Wilson. Talk a little bit
20 about the 2016, 2019 process. What about it was
21 remarkable or was -- you know, made it the most
22 successful, you know, of the efforts so far?

23 MR. WILSON: I think the thing that's
24 most remarkable about it when I was reviewing it is

1 how little contention there was. And the question
2 from Ms. Jones about the FERC transmission queue is
3 probably something I should have looked into more,
4 but, you know, as a general matter, there were not
5 a huge number of legal disputes. In the initial
6 process, the Company said, here's the proposal that
7 we want to make. You know, here's the result of
8 IRP, here's how we want to conduct the RFP. There
9 was some issues, mainly around the retirement dates
10 and a couple of other things that parties brought
11 as contention, but in general, they were supportive
12 of the overall approach. The RFP documents, the
13 model contracts, the bid evaluation process,
14 et cetera. There were some things that people
15 contested, but, you know, it wasn't -- I would say
16 the scope of the issues that were contested in that
17 proceeding, from, in my opinion, having looked at
18 those, many of those pleadings were much narrower
19 than you're seeing, for instance, in this
20 proceeding. There was a lot more consensus at that
21 point.

22 Once the Commission made its ruling, and
23 it made very affirmative decisions -- this is how
24 you're gonna do this, this is how you're gonna do

1 that, these are the scenarios we want you to run --
2 then the Company went out, and there was some
3 delay -- I forgot the exact reason, but there was a
4 period of delay over one issue -- and then the
5 Company issued the RFP. Once the RFP came back
6 with the results that I showed you summarized on
7 that, there was no real conflict. The Commission
8 reviewed the results, it was a paper hearing, there
9 was no testimony, and the Commission approved the
10 clean energy plan, and then most of the CPCNs went
11 through without controversy, except for, I think, I
12 guess the one or two win RFPs -- excuse me, bids
13 that were -- that Ms. Jones referenced being an
14 issue.

15 But it's remarkably conflict-free
16 compared to, you know, the number of projects that
17 were proposed and the amount of bidder interest.
18 You know, people generally accepted the results,
19 and I think that was what was really compelling
20 about it.

21 CHAIR MITCHELL: Okay. That's helpful.
22 And just confirm for me, the utility and
23 independent power producers participate in the
24 all-source procurement effort in Colorado?

1 MR. WILSON: That's correct. There is
2 some carveout language in Colorado legislation that
3 basically says the utility can get a certain amount
4 of the result but not the entire result. So there
5 is some concerns about that issue. You know, those
6 are some of the key assumptions and policy issues
7 that the Commission would have to resolve in
8 setting this.

9 One of the other issues, for example,
10 is, you know, what if you get a project that is
11 proposing a 10- or 15-year PPA versus a 25- or
12 30-year PPA; how do you compare those two projects?
13 So the different financing terms -- a utility,
14 often its tax rate is averaged, as I understand it,
15 across its entire mix of resources, whereas each
16 bidder is proposing sort of a standalone project.
17 It has a different tax treatment.

18 So there is advantages and disadvantages
19 that the utility, kind of, brings to the table, in
20 terms of self-build projects. How that is going to
21 be evaluated in the bid evaluation model needs to
22 be considered by the Commission very carefully.
23 And I don't have specific recommendations on that.
24 But the good news is that, in reviewing this, I see

1 each Commission that has done an all-source
2 procurement has given a lot of attention to either
3 how that should be done or, in retrospect,
4 evaluated how the Company did it, and there is a
5 lot of material to look at and make informed
6 decisions about those kinds of issues.

7 CHAIR MITCHELL: Okay. Thank you for
8 that. And then the last question and I will let
9 you go. In Colorado, does the PUC administer the
10 procurement process, or is it independently
11 administered, does the utility administer it?

12 MR. WILSON: I believe I characterized
13 it as the utility administers it with a very strong
14 role for an independent evaluator. I can't
15 remember if the independent evaluator receives the
16 bids or if the utility receives the bids, but it is
17 a fairly small distinction between the two, because
18 everything is processed in sort of a
19 compartmentalized way.

20 Another utility that uses that same kind
21 of approach is Georgia Power. Now, theirs are
22 restricted to renewable energy projects, but they
23 have a very tight process for making sure that the
24 evaluations are sort of -- excuse me, the bids are

1 received by a very small group of people and the
2 evaluation is conducted in a very fair and
3 comprehensive manner within the scope of the RFP.

4 So these kinds of processes are pretty
5 widely available. The support for these kinds of
6 processes are pretty widely available. And the
7 main advantage to an independent administrator as
8 opposed to evaluator is if you have got concerns
9 about the utility's either capacity or fairness in
10 running the bid evaluation models. I think my
11 personal opinion -- I haven't vetted this with my
12 clients, but my personal opinion is that's more of
13 an issue for smaller utilities that might have some
14 capacity limitations.

15 CHAIR MITCHELL: All right. Thank you,
16 Mr. Wilson. I have nothing further. Thank you
17 very much for your responses.

18 COMMISSIONER CLODFELTER: Thank you,
19 Chair Mitchell.

20 Commissioner Duffley?

21 COMMISSIONER DUFFLEY: Good morning.
22 Thank you so much for your presentation today.
23 Following up on that last question, so you think,
24 what, larger utilities, your opinion is that an

1 independent third party may not be necessary?

2 MR. WILSON: Oh, no, ma'am. An
3 independent evaluator is something that is, I
4 think, a standard practice for utility RFPs and
5 should always be followed. The question is
6 whether -- is the distinction between an
7 independent evaluator and an independent
8 administrator. And that's not something I've
9 looked into deeply, but my impression is that,
10 where that issue has been raised, it's been raised
11 more for smaller utilities that are interested in
12 something as complex as an all-source procurement,
13 and they may be concerned that they don't have the
14 full capacity within the utility to run, you know,
15 a single-procurement process that includes so much.

16 Duke clearly has the capacity. So it
17 would need the Commission's decision as to whether
18 it is concerned about bias, or any other issues, it
19 might prefer an independent administrator. Or it
20 might be that the Commission feels like an
21 independent-administrator approach is more
22 cost-effective. I mean, these are issues, again,
23 that I haven't really closely looked at, but I have
24 seen an emerging discussion about these tradeoffs

1 in some articles and publications.

2 COMMISSIONER DUFFLEY: Okay. Thank you.
3 And would you mind submitting those articles to the
4 Commission?

5 MR. WILSON: I have got one that I could
6 submit from a vendor that is promoting itself as an
7 independent administrator, and then the rest of it
8 I think has just been in, sort of, commentary and
9 that sort of thing. So yes, I could easily provide
10 that.

11 COMMISSIONER DUFFLEY: Okay. Thank you.
12 In one of your answers to Chair Mitchell's
13 questions you mentioned -- she was asking about if
14 utility could bid, and you said the Colorado
15 legislation had a carveout for utilities or maybe
16 set a certain amount. So is this all-source
17 procurement process -- it's been created by
18 legislation?

19 MR. WILSON: It is -- has it been
20 created by legislation? There is legislative
21 endorsement for it, but the original all-source
22 procurement process that Colorado created I think
23 was created through rules under general authority,
24 and I think that, as that process became more and

1 more important, the legislature addressed certain
2 policy issues that it was concerned about and that
3 impacted aspects of that process. But I don't
4 think the legislature drove the design of the
5 overall process, no.

6 COMMISSIONER DUFFLEY: So in 2000 -- I
7 think it was 2004 you stated that the Colorado
8 Commission put this type of two-phase approach, and
9 that was all done by rule -- Colorado rule.

10 MR. WILSON: That's my understanding,
11 yes. Former Chairman Layer would be probably a
12 better authority on exactly how that was done. He
13 was a big part of that process and, you know,
14 certainly could speak to that if you'd be
15 interested in his thoughts on the matter.

16 But what he communicated to me was that,
17 you know, they were struggling with the way the
18 procurements were being run, and they proposed this
19 new approach, and that was adopted by the
20 Commission to solve problems that they were
21 perceiving. And then each iteration of the ERP,
22 they kind of had to improve it because they would
23 sort of still not quite get the result they were
24 hoping for.

1 The decision was always -- the outcome
2 that they achieved in the late -- in the 2016/2019
3 process was the one really, I think, that they had
4 been seeking all along, and it just took a long
5 time to bring the utility to that point. And, of
6 course, as you know, the power market evolved
7 substantially during that time. So they were also
8 dealing with, sort of, how the technology was
9 changing during -- over time, as well as how the
10 utility and its capacity and interest in supporting
11 this process was evolving over time.

12 And I think that's something that, you
13 know, has to be attended to if the Commission
14 decides that North Carolina wants to adopt this
15 approach, being aware that technology and capacity
16 to evaluate bids in different ways is going to
17 evolve over the next decade in ways that can't be
18 anticipated, and making sure the process, kind of,
19 has that flexibility built in.

20 COMMISSIONER DUFFLEY: Okay. Thank you
21 for that. And then when -- you were talking about
22 the Colorado clean energy plan was adopted versus
23 the base case. And so could you speak to me a
24 little bit about the clean energy plan and how it

1 might be similar? Is it similar to North
2 Carolina's, like Governor Cooper's EO -- Executive
3 Order 80, or
4 was -- so was it a public policy by the executive
5 or is the clean energy plan in Colorado by statute?

6 MR. WILSON: Neither. I think it was a
7 little bit of branding by the utility of the
8 portfolio that had the two retirement -- coal
9 retirements advanced. So I think basically they
10 had -- the base case might not have had either
11 retirement. It might have had them at a little bit
12 later date. Honestly, it's been a little while
13 since I looked at that in detail, but, basically,
14 it was a quicker coal retirement strategy. So it
15 was not a huge difference from the base case, but
16 it was significant enough that it changed the
17 portfolio and what resources were being acquired,
18 and they called that the Colorado clean energy
19 plan.

20 COMMISSIONER DUFFLEY: Okay. So the
21 clean energy plan was within the IRP process. So
22 it was just one of the scenarios of the IRP
23 process?

24 MR. WILSON: Yeah. But everyone was

1 pretty happy with that label, and it was talked
2 about a lot in those terms. So Xcel Colorado got a
3 lot of good publicity, I think, out of, you know,
4 sort of embracing that approach.

5 COMMISSIONER DUFFLEY: Okay. Thank you
6 for that clarification. And then, just trying to
7 get a handle on the Colorado model. You don't need
8 to turn to this, but on page 7 of your slide you
9 were looking -- you were speaking of need, and you
10 mentioned, as part of that definition of need or
11 consideration of need, consideration of relevant
12 public policy; is that correct?

13 MR. WILSON: Yes.

14 COMMISSIONER DUFFLEY: Okay. And so
15 that's -- so that's what you're asking the
16 Commission -- this Commission to do, is to look at
17 that relevant public policy, and would that be
18 nonstatutory public policy?

19 MR. WILSON: Right. I mean, I think
20 the issue here is that the Commission is saying
21 let's go out and procure a group of resources for
22 the next -- that is gonna be in place for 20, 30,
23 40 years, and public policy today is what it is,
24 and it's understandable that Duke would be sort

1 of -- feel like it needs to stay fairly close to
2 today's public policy when evaluating resources.
3 The Commission can say to Duke, "We think you ought
4 to look at it in this way or that way." And I
5 certainly see that in other Commissions, where they
6 go beyond, sort of, the letter of the law when they
7 are saying how they want resources evaluated,
8 because, you know, as the question was brought up
9 earlier about risk, you know, if policy changes and
10 you've bought the wrong resources, then you take --
11 you come out on the wrong side of the risk, and you
12 took a risk that you were sticking with the
13 portfolio that would work today, but it really
14 won't work tomorrow.

15 So the Commission has to make those
16 judgments, and those are tough calls, I think. You
17 know, it's always a little difficult, I think, as a
18 regulator, to step out and say this is where we
19 think public policy is going and this is what we
20 want you to optimize the portfolio for. But that's
21 what we mean by relevant public policy
22 considerations.

23 COMMISSIONER DUFFLEY: Okay. Thank you,
24 Mr. Wilson.

1 COMMISSIONER CLODFELTER: We will move
2 to Commissioner Hughes.

3 COMMISSIONER HUGHES: No questions
4 today. Thanks.

5 COMMISSIONER CLODFELTER: Commissioner
6 McKissick?

7 COMMISSIONER MCKISSICK: Just a couple
8 of questions, Commissioner Clodfelter. And you
9 filled in a lot of the gaps that I had some
10 concerns about, the time frame, how this
11 legislation -- well, it wasn't legislation in
12 Colorado, but how the policies were implemented.
13 And it sounds as if what occurred, there were rules
14 adopted by the Public Utilities Commission that
15 allowed for this type of all-source procurement
16 policy to be implemented.

17 Now, you mentioned it wasn't all that
18 successful until 2016 or '19. What changed in 2016
19 or '19 to help them obtain the outcomes that they
20 were seeking back when it was created in its
21 inception in '04? I mean, what was the milestone?
22 What was the turning event that helped them get to
23 where they sought from the outset?

24 MR. WILSON: Well, thank you,

1 Commissioner McKissick. I think that -- first of
2 all, I think the process was viewed as successful
3 in previous iterations. It was increasingly
4 successful. It wasn't very successful back in
5 2004, but I think each time it became more
6 successful.

7 And the real thing that made it -- sort
8 of brought it to national attention, I think, was
9 the technology change. As all of these
10 technologies became available, and as the
11 Commission was really looking to drive retirements
12 and a big procurement -- you know, this was a very
13 large procurement -- you know, the initial modeling
14 by the Company, while it's not perfectly comparable
15 to the final result, because a lot of -- in the
16 intervening time, a lot of the basic assumptions,
17 like fuel prices and so forth, were updated, you
18 know, had a different result. And so the Company
19 was expecting, sort of, one outcome with maybe a
20 little bit more gas heavy and less reliant on some
21 of the new technologies. And then, you know, when
22 they came in with a result that was cheaper than
23 they expected and cleaner than they expected, I
24 think that caught their attention and a lot of

1 people's attention and said, boy, this process
2 really works at finding things that the utility
3 really didn't anticipate being there.

4 So I think that was what caught
5 everybody's attention, but it's not that the
6 process wasn't working in any prior solicitation.
7 It was just that that opportunity for that dramatic
8 result was maybe not as present. The procurements
9 were not as large and the available technologies
10 were not as diverse.

11 COMMISSIONER MCKISSICK: And at this
12 present time, how broad and expansive has the
13 adoption of this type of all-source procurement
14 type of plan or policy been if you look at all 50
15 states? I mean, where are we now, in terms of
16 that -- of some level of adoption of this type of
17 approach?

18 MR. WILSON: It varies a lot. I would
19 say that it -- you know, the examples that I showed
20 on that one slide are the main examples to date.
21 There may have been a couple of others that I'm not
22 aware of. I'm aware from conversations with
23 regulators and other parties that there are a
24 number of all-source procurements that are

1 underway, primarily utility-led rather than
2 regulator-led, and so the parties that have talked
3 to me have not been at liberty to say who their
4 clients were. But they have called me up to ask
5 for, you know, sort of, tips or just had a question
6 about the report or something like that. So I am
7 aware that there is a good bit more interest in
8 this, kind of, under the surface than that is
9 immediately visible.

10 But I think the PNM procurement, which
11 was a utility-led example, also caught a lot of
12 people's attention, because it was -- you know, as
13 a utility-led approach, it was very well run. The
14 utility had some different policy preferences than
15 the Commission, and so the resulting portfolio that
16 was selected was not their recommended portfolio,
17 but the basis for that was all there. The modeling
18 was available to the parties that were involved.
19 And so even though it was a somewhat drawn-out
20 litigated proceeding, it was still relatively
21 efficiently run, in the sense that people were able
22 to get the information they wanted, and the
23 Commission was able to make the decision it wanted
24 with the information that was available. So there

1 is this range of options between the utility-led
2 and the regulator-led approach that can work, but
3 both require a degree of oversight from the
4 regulator to make sure that that is occurring.

5 COMMISSIONER MCKISSICK: And in those
6 states which -- where it was regulator-led, have
7 they established some type of study process,
8 evaluation process, with key stakeholders having a
9 chance to come together to collaborate to come up
10 with recommendations, or how has it been done?

11 MR. WILSON: So Colorado is the main
12 regulator-led model out there right now, and the
13 rulemaking process does include engagement from the
14 stakeholders. And in talking with some of those
15 stakeholders, they are very pleased with the way
16 that that works. The regulators and the staff that
17 are involved run a very thoughtful and, you know,
18 deliberative process. You know, consider a lot of
19 different ideas and evidence. So I really have not
20 heard any complaints from anyone I spoke to in the
21 process of writing that report that, you know, the
22 process was, you know, biased in some way or not
23 inclusive in some way. But they felt like it got
24 the job done, moved along expeditiously, that sort

1 of thing.

2 COMMISSIONER McKISSICK: Right. And I
3 believe in the concluding comments that were made
4 during the presentation, there was a question about
5 whether there was appropriate statutory authority
6 in North Carolina or not.

7 Has anybody drilled down into that issue
8 to see whether it would be statutory or whether the
9 existing statutes would allow, through rulemaking,
10 to move in this direction if the Commission saw fit
11 to do so?

12 MR. WILSON: I will defer to Mr. Jimenez
13 on that.

14 MR. JIMENEZ: Yes, Commissioner, we
15 think there is statutory authority. The, sort of,
16 one-sentence version in the outline I gave is that
17 all-source procurement is most likely a lead to the
18 least-cost procurement that's in state policy, and
19 the Commission has all sorts of authority to
20 implement a process to achieve that end.

21 COMMISSIONER McKISSICK: Very good. I
22 don't have any further questions. Thank you.

23 COMMISSIONER CLODFELTER: Thank you,
24 Commissioner McKissick.

1 Mr. Wilson, in the 2016 round in
2 Colorado procurement, just curious, what ended up
3 being the most contentious issues in setting the
4 assumptions for the procurement process? What were
5 the issues that ended up being the most
6 contentiously contested ones?

7 MR. WILSON: It's my recollection that
8 it was really around the retirement of the coal
9 plants. I think the rest of it was just technical
10 issues, maybe disputes about the load forecast,
11 et cetera. Not much else stands out in my mind.
12 It has been, you know, over a year since I wrote
13 the report and reviewed those documents, and I
14 really -- my general impression was, compared to
15 some of the proceedings that I'm involved in
16 professionally, there was not a lot that stood out
17 to me as, like, wow, they really slugged it out
18 over this or that. You know, it was -- I think
19 there was just a lot of, sort of, concern about
20 whether the timing for retiring the coal plants was
21 right, and in particular, whether there were
22 available resources that could truly meet the need.

23 You know, some of the concern that was
24 discussed yesterday about whether a retirement

1 could really be effectuated on a certain schedule,
2 I think that was a big part of that Colorado
3 discussion. And I think one of the solutions to
4 that was to have multiple portfolios -- or multiple
5 need definitions leading to multiple portfolios.
6 And then the Commission looking at the results of
7 that, including not only, sort of, the
8 cost-effectiveness evaluations, but the reliability
9 studies along with that, and they gained confidence
10 through those results that they had a great
11 solution. So sort of the, quote, contentious
12 issues from the ERP initial phase, you know, just
13 wasn't contentious when it came to the final
14 decision.

15 COMMISSIONER CLODFELTER: Help me
16 understand the mechanics. Were the portfolios
17 established as, sort of, indicative portfolios
18 before bids were solicited, or were they
19 compiled -- and were bidders asked to bid into a
20 particular portfolio's solution, or were they just
21 asked to bid the resource, and then the portfolios
22 were assembled from the aggregate of the bids?

23 MR. WILSON: It's the latter process.
24 And the portfolio assembly process, you know, would

1 be something that I'd think Duke's staff would want
2 to really look at and look at the different
3 utilities' approaches to understand how that's
4 done. You know, there is a number of steps in that
5 process, and that's something that the Commission
6 did generally approve in advance. So there is sort
7 of a winnowing process where they look at, within
8 each technology -- maybe they got 40 bids for wind
9 projects -- they might go ahead and cull out the
10 most expensive 20, because they know that, you
11 know, sort of, head-to-head there is no way they
12 are going to take all of those wind projects, and
13 some of the less competitive ones are just not
14 worth modeling.

15 So they narrowed down a fraction -- a
16 small fraction, far less than half, of the projects
17 were excluded in sort of an initial winnowing
18 stage. And then the rest of them were run through
19 the model, kind of, first generically, and then as
20 they began to see, sort of, groups of units that
21 kind of rose to the top, they would begin to narrow
22 it down and try different combinations of units,
23 and that's how they, sort of, assembled the
24 different portfolios. So some of them might cost a

1 little bit more but have certain advantages from a
2 technical point of view or -- you know, and then
3 they would submit each of those portfolios for
4 reliability testing to look at the transmission
5 upgrade requirements and, you know, any reliability
6 risks that might be related to those projects.

7 So it's a multistep process. As you
8 heard Duke talk about yesterday, there is not, sort
9 of, a single model where you kind of throw
10 everything in it, and it spits out the answer, you
11 go build it. You know, there is a lot of different
12 types of evaluation that occur sequentially. So I
13 don't want to underestimate the level of effort
14 that's required there, but it's not -- none of the
15 steps in this process are, sort of, technologically
16 groundbreaking. They are all things that, you
17 know, highly proficient utilities know how to do.

18 COMMISSIONER CLODFELTER: Thank you. I
19 think you covered in your dialogue with
20 Chair Mitchell and Commissioner Duffley the only
21 other question I had, so that's all I have for you.
22 Thank you.

23 MR. WILSON: Thank you very much,
24 Commissioner Clodfelter. I appreciate it.

1 COMMISSIONER CLODFELTER: Mr. Jimenez,
2 I'm not sure what's next, or whether this completes
3 the intervenors' presentations on this topic.

4 MR. JIMENEZ: This completes our
5 presentation, Commissioner. Thank you.

6 COMMISSIONER CLODFELTER: Very good.
7 Thank you all. That then moves us, if I remember
8 my sequence right that I announced yesterday, to
9 the Attorney General. And, Ms. Force, I'm not sure
10 I recall whether you have a presenter on this topic
11 or not.

12 MS. FORCE: We do not. Thank you for
13 asking. We're listening.

14 COMMISSIONER CLODFELTER: I needed to
15 test to be sure my recollection was correct
16 overnight. So that then moves us to Public Staff.

17 Ms. Edmondson?

18 MS. EDMONDSON: Good morning,
19 Commissioner Clodfelter. We have Bob Hinton to
20 present on this issue, and he will turn on his
21 video.

22 COMMISSIONER CLODFELTER: Very good.
23 Good morning, Mr. Hinton.

24 MR. HINTON: Good morning,

1 Commissioners. I would like to go ahead and flip
2 through the first slide, which lists the questions
3 -- concerns of the Commission. They have been
4 pretty much vetted as the issues addressed, and go
5 ahead and move to my slide 3, if you don't mind.

6 Okay. You've heard this about
7 limited-source versus all-source bidding several
8 times. There is a bullet there, I go on to
9 independent evaluators versus independent
10 administrators, and you could go further and you
11 can say, in the history of this, we could go back
12 to the independent facilitators. The one thing I
13 can add to this conversation this morning is I do
14 have a little bit of experience here with the
15 Public Staff in reviewing these type of RFP
16 processes as they have been filed and addressed in
17 various CPCNs over the last 20 years or so. I also
18 want to go for technology-neutral, and that may
19 pick up distributed energy resources as a goal.

20 Getting back to the definition of
21 independent evaluator versus independent
22 administrator, I -- Mr. Wilson spoke on that. The
23 Public Staff doesn't get hung up, necessarily, on
24 that definition. We do believe that we -- I mean,

1 excuse me, the Accion Group is an independent
2 administrator for CPRE. The important thing that
3 Mr. Judd and the Accion Group brings is a very
4 detailed and thorough review of the market. They
5 facilitate the process more so than we see in the
6 past RFP processes by Duke Energy, in the sense
7 that they very vividly convey to, I think, market
8 participants that their bid will be objectively and
9 fairly evaluated. Duke has done some good jobs
10 that were reasonable in the past.

11 Their slide they have in their
12 presentation, slide 6 in particular, starts -- the
13 first RFP they have identified was in May 2007.
14 That was actually what led to the Buck and Dan
15 River units. There were two 620-megawatt CCs in
16 Docket E-2, Sub 791 and 832. In that proceeding,
17 they hired a company referred to as Burns &
18 McDonnell, and they basically was what we will
19 refer to as a facilitator. They collected the bids
20 and provided basic -- provided that data back to
21 Duke. The fact that they were independent of Duke
22 did provide some -- an additional level of
23 integrity to the process, we'll say. It was a
24 successful bid. We -- the Public Staff and Duke

1 evaluated the bid, we went through their
2 evaluation. We thought their process was
3 reasonable, and they proceeded to do a self-build
4 unit, as you know.

5 But a question that exists, even with
6 that bid versus -- also, you could look at the
7 October 2012 bid that ultimately resulted in a
8 750-megawatt CC built in South Carolina, this
9 little ECC unit. I, along with Mike Nance,
10 reviewed those RFP processes and we were satisfied.
11 It was reasonable. And I want to go back to a
12 comment Jeff Thomas made yesterday when they looked
13 at the sequential peaker method versus a more
14 model-based evaluation process. He characterized
15 Duke's process as reasonable, and it was. And
16 within the reasonableness standard, you would
17 accept that as appropriate for ratemaking and
18 appropriate for a CPCN facility. The Public Staff
19 is very pleased with that and finds that to be
20 appropriate decisions looking back, as well as
21 looking forward.

22 The advantage that an independent
23 administrator provides, I believe personally, it
24 provides an additional level of confidence that the

1 market was fully evaluated. In the older IRPs, the
2 rules required that the utilities investigate the
3 wholesale market. And when an independent
4 evaluator does its evaluations, and as they compare
5 a self-build, which may have a 35-year book life
6 versus a peak year, then they have a 20-year
7 contract term, there takes a fair amount of
8 evaluation skills to come up with a reasonable
9 decision and recommendation. The Public Staff has
10 done those in the past. But, in truth, I feel that
11 an independent administrator has got a level of
12 independence that is beyond the Public Staff's
13 grasp or ability to provide. We -- rather, we look
14 at what the Company has already filed and proposed
15 as their plan going forward for a CPCN. So we
16 support an independent administrator and an
17 independent evaluator that gets the best market
18 response.

19 Naturally, with this all-source bidding,
20 we are very focused on technology-neutral that
21 could be very beneficial in North Carolina. Next
22 slide.

23 What are the lessons learned? Just the
24 obvious that's been said before. The market will

1 and can provide resources that allow -- that will
2 compete with the generation -- the self-build
3 generation or the host utility's commitment to
4 build.

5 We need to establish parameters. We
6 saw, in the Buck and Dan River RFP that was sent
7 out by Duke years ago, if I recall, they had a
8 geographic area that had limited -- they preferred
9 the bidders be able to provide power to. I think
10 that was an enhancement over the prior RFPs that
11 Duke had provided and submitted years prior. There
12 has been an evolution with Duke Energy. I could go
13 back to one of their earlier RFPs with Progress
14 Energy and through Duke Energy, and they have
15 evolved and gotten more advanced to get a better
16 market response.

17 There is issues that the IE and Duke has
18 tried to pass to avoid post-processing claims by
19 RFP bidders who aren't pleased with how their bid
20 was evaluated. That -- the Docket E-100, Sub 122,
21 we -- the Public Staff and the companies and the
22 Commission investigated the wholesale market
23 evaluations at the time. That was brought about by
24 a complaint by LS Power back in the 2007 Buck and

1 Dan River RFP. More recently, I understand that
2 the Orion Renewables Group has had a complaint
3 about not being fully evaluated or fairly
4 evaluated.

5 So I guess my message there is that
6 these problems can and will occur in the future
7 probably. But I do believe that the -- one of the
8 benefits of an independent evaluator or
9 administrator is to minimize those post-process
10 claims that can take up time and hope and put a bad
11 mark on the process, because, again, we're working
12 with markets and individual players, and what they
13 perceive, as far as how their bid will be processed
14 and evaluated, is key. The integrity of the
15 independent evaluator has to be a high level or
16 high standard so that the market participants will
17 put forth a bid. I mean, it costs them money to go
18 through that process and time and effort. So
19 they're not gonna do it unless they feel their
20 evaluation would be properly considered -- I mean,
21 their bid would be properly considered and
22 evaluated. Okay. Go to the next one.

23 Pros and cons. Again, one of the pros
24 that we are interested in and we're biased towards

1 is savings to consumers. So as compared to the
2 avoided cost rates, you know, ratepayers through
3 the CPRE process saved \$352 million, and that's a
4 strong positive to this process. We also see that
5 Duke no longer has -- is forced to deal with these
6 PURPA puts or to be the receiver of these bids
7 without much say-so in the process.

8 The last bullet I would like to address
9 basically stems from a conversation I had with
10 Glenn Kelly with Dominion Resources. You know, we
11 were looking at -- the Public Staff was concerned
12 about the coastal wind unit, CVOW unit, the cost of
13 that. The cost per kW was pretty expensive
14 relative to the other generation resources. We did
15 some data requests. We had some conversation with
16 Glenn Kelly and the Dominion team, and the one
17 thing they stressed was the synergetic [sic] value
18 of wind and solar together with that unit in their
19 service territory. That's obviously a value that
20 can come about through all-source bidding. So we
21 see that as a very serious pro.

22 The cons. And the cons are obvious too.
23 I mean, I go back to the old 122 docket, and one of
24 the complaints that were voiced by one of our

1 utilities was that our process is fine, and if you
2 add a more formalized approach to RFPs, it will
3 cause us added time, and, certainly, it's gonna be
4 added complexity. So that's a con that I think
5 Mr. Wilson touched on before, and that's not -- I
6 don't think that can be avoided. And certainly,
7 the complexity issue now is an issue, but that's
8 gonna be an issue. The complexity issue is gonna
9 exist whether we go through a limited-source
10 procurement or all-source. It's going to be
11 complex, because, like, in Georgia, they don't have
12 a quote -- I don't think that would be called an
13 all-source bidding program. They have silos, or
14 they go through different -- they have a capacity
15 RFP and they have a renewable-based RFP. But they
16 go through a rigid process of looking at that, the
17 benefits of each one, and the capacity benefits on
18 the solar and battery can commit, assuming they can
19 provide the capacity value that Georgia Power
20 thinks is appropriate in the IRP.

21 As you know, Georgia Power -- Georgia
22 Commission has a three-year window with the IRPs,
23 so the Georgia process started with a 2019 IRP that
24 kind of set the standard going forward. The

1 closing of coal plants was a consideration and an
2 issue. And the RFP that came out of that IRP --
3 again, the RFP that came out of that was -- is now
4 linked to a next IRP that will be filed I believe
5 in January of this year -- next year, excuse me.
6 And that IRP will go to, kind of, like, put cement
7 on the decision-making process, which started with
8 consideration of closing some coal plants and
9 looking at other opportunities to fill that
10 resource need. So I believe the next IRP that
11 Georgia Power will submit will address those
12 questions, along with possibly a request to close
13 certain plants in a certain reasonable timetable,
14 and have these resources to fill the needs.

15 And that goes to a discussion I believe
16 Commissioner Mitchell had with Steve Levitas
17 yesterday about planning and procurement, how they
18 can work together.

19 Again, we -- the IRP needs the -- more
20 defined as to what its resource requirements are,
21 and I believe that's certainly something that came
22 out of Colorado, and I believe that also was an
23 aspect of what the more recent Georgia IRPs did.

24 This is a quick slide. You have seen

1 this enough, but it just goes through some
2 high-level process of what would be involved.

3 Okay.

4 Who should be involved? At a high
5 level, everyone gets involved. And you heard this
6 again, that not only is the Commission -- as with
7 CPRE, the Commission is highly involved, the Staff
8 is involved, the Company is involved, the Accion
9 Group has to work with the companies and has to
10 review the models and they have to work with the
11 T&D team. They have to, of course, keep
12 communications separate, and -- so that no one has
13 an unfair advantage. So all parties are treated
14 transparently and fairly.

15 And again, the evaluator results will
16 be, I believe, not done by the Public Staff or the
17 companies together, but we need the use of an
18 independent evaluator and independent administrator
19 to completely go through these complex questions.
20 In fact, I think the Georgia Commission has -- as
21 you know, has hired the Accion Group to do the RFP
22 process and the evaluation process. And then I
23 believe the Staff has hired a third -- another
24 party to actually look at the results.

1 So there is gonna be a lot of wrinkles
2 that we haven't seen in the past, but I think they
3 can be overcome through the rule process we have
4 for the CPRE. That may need to be enhanced to
5 address all-source requirements, but I think we can
6 do this in a fair and administrative way that
7 creates an environment that seeks the lowest cost
8 of new resources. So that ends up leading to the
9 lowest cost placed on ratepayers.

10 This is again -- I will go through this
11 real quick. We have a process regarding -- we've
12 already ironed out with CPRE that has worked, in my
13 opinion, very successfully. And there are key
14 steps that are done by the Commission, the Public
15 Staff, intervenors, stakeholders, and the
16 independent evaluator, along with the Company, to
17 come to a good resolution that's saved ratepayers
18 money as I mentioned before, and it's done in a
19 fair and transparent way, largely with very few
20 complaints. Okay.

21 Timetables. I think we all know it's
22 gonna take more time. Mr. Wilson spoke to that in
23 Colorado. This is a little timetable that was set
24 out with the PSCo Company, and you see the

1 Commission decision may take almost a year to make.
2 I believe that's, again, part of the process. We
3 will just have to go through that step by step, but
4 I believe at the end of the day, the ratepayer will
5 be served by this process. Okay.

6 Additional actions. The current R8-71
7 rules will need to be modified. The role of the IE
8 and IA I think are pretty robust and will apply to
9 both areas without any problems necessarily. So,
10 much of the process will stay intact, I believe,
11 but there will have to be some changes made. There
12 may be some issues with these cluster solicitations
13 and issues with interconnections that may cause an
14 issue.

15 So that's the end of my presentation.
16 The legal division of Public Staff may want to
17 address the last outstanding questions.

18 MS. EDMONDSON: Good morning.
19 Lucy Edmondson with the Public Staff. I would
20 endorse the comments of Mr. Jimenez, as far as the
21 legal authority. We agree with what -- the
22 statutes he cited and the case law. I will also
23 add as authority to the number of statutes he cited
24 62-23(a) and 62-26. I think that's all I have to

1 say there, and that should be the end of our
2 presentation. We're available for questions.

3 COMMISSIONER CLODFELTER: Thank you.
4 Thank you, all. It was good to see that Mr. Metz
5 and Mr. Hinton also were presenting today. They
6 didn't have Mr. Thomas with them from yesterday.
7 It's a good all-around effort, so we thank you for
8 that.

9 Let's see. Commission staff, any
10 questions?

11 MR. McDOWELL: No questions from me,
12 Commissioner. This is Steve.

13 COMMISSIONER CLODFELTER: All right.
14 Ms. Jones?

15 MS. JONES: I have one,
16 Commissioner Clodfelter.

17 COMMISSIONER CLODFELTER: Sure.

18 MS. JONES. If I could ask you to, kind
19 of, put on your financial thinking hat, which I
20 know is a little different from your presentation,
21 Bob, but back when I worked for Xcel, I have a
22 vague recollection that one of the concerns with
23 all-source bidding was that the financial community
24 looked at the resulting PPAs as being debt on the

1 Company's balance sheet, and as time went on, they
2 started to be -- and I believe this is true --
3 being downgraded due to the mass of that, there was
4 just so much of it. And then in more recent
5 years -- I think I read in the Industry Press that
6 the Colorado Commission had approved for PSCo to
7 actually buy back some of these power plants so
8 they would no longer be on the books as PPAs but
9 instead they would be assets owned by the utility.

10 Do you have any comments about that
11 concern?

12 MR. HINTON: Yes. Years ago -- and I
13 cannot remember how far back it was, I think it was
14 mid- -- early '90s -- S&P published a report, and
15 they took note of it, as you were saying. It could
16 have been the late '90s -- yeah, late '90s, maybe
17 early 2000s. And I provided testimony on that
18 issue there, because it was an issue that I believe
19 Progress Energy Carolina had raised as a concern
20 for when they did their own evaluation.

21 At that time, S&P would look at the
22 debt, look at the PPA, and assign a weight to it,
23 like 10 percent or 20 percent, depending on how the
24 contract was structured, and they would impute that

1 PPA debt on the books of the utility. So your
2 company was being correct, in that credit rate
3 agencies were looking at those PPAs as pseudo debt,
4 and it did cause concern. Because, remember,
5 credit rating agencies are typically very
6 conservative, and they will look at all those the
7 cash flows, and if they see cash flows going out
8 for the PPA with a firm contract, they are
9 obligated to supply those payments, then that's
10 basically a piece of debt. So yes, that is a
11 concern.

12 Another -- if you don't mind me going a
13 little further on just -- this really isn't to your
14 question, but one thing that could offset that a
15 little bit, and not from a credit-rating
16 perspective, but it could in some sense of the
17 word. In Georgia, as I understand, the process
18 allows for something referred to as additional sum,
19 which again, these sound like strange names for it,
20 but as I understand it, it's like an incentive
21 sharing. As you know, in North Carolina, wholesale
22 trades within the gas industry, I think there is 75
23 percent of the savings go to the customer and 25 go
24 to the Company, and that kind of sharing has been

1 going on for years in these type of market actions.

2 I believe, in Georgia, there is, like,
3 20 percent of the savings that are believed to be
4 saved onto competitive bidding. That 80 percent of
5 the savings actually goes to the customers or goes
6 into the ratemaking process, but the Company gets
7 20 percent of the savings themselves. So I think
8 Georgia Power -- and think of it as an incentive.
9 And, I mean, I could go back some more, how Duke
10 was concerned about how DSM would erode their
11 earnings profile, and they were concerned about
12 that. So that was part of the reason -- part of
13 the subjective issues that go into the performance
14 sharing mechanism that we have today, is the law of
15 sales is how that really comes about. We provide
16 law of sales for DSM&E as a way to kind of offset
17 the risk. So the risks you speak of are true, that
18 your company did see with the debt issue, but often
19 there are ratemaking solutions to that.

20 MS. JONES: Thank you, Bob. That's all
21 I have.

22 COMMISSIONER CLODFELTER: Thank you. We
23 will move to Commissioners, starting with
24 Commissioner Brown-Bland.

1 COMMISSIONER BROWN-BLAND: No questions.

2 COMMISSIONER CLODFELTER:

3 Commissioner Gray?

4 COMMISSIONER GRAY: No questions.

5 COMMISSIONER CLODFELTER:

6 Chair Mitchell?

7 CHAIR MITCHELL: Just a few questions,
8 and thank you, Mr. Hinton, for your presentation
9 today. I benefitted from it and it was helpful, so
10 thank you. Actually, two things, and one of the --
11 my first question goes to Ms. Edmondson.

12 I understood you to say that Public
13 Staff agrees with the legal analysis that was
14 performed by Mr. Jimenez. Do we have that anywhere
15 in the record of materials before us, his analysis?

16 MS. EDMONDSON: I did not see it, but I
17 heard it, so it will be in the transcript.

18 CHAIR MITCHELL: Okay. All right.

19 Mr. Jimenez, to the extent that you can
20 hear me, I do think it would be helpful. I mean,
21 if it's somewhere in the record before us, let me
22 know so that we don't just have to rely on the
23 transcript, but if we have to rely on the
24 transcript, we do.

1 All right. Back to Mr. Hinton. So I
2 understood your remarks to be that the Public Staff
3 supports this concept of the all-source procurement
4 and thinks that, ultimately, ratepayers would
5 benefit from it. Help me understand the mechanics
6 a little bit more. I think y'all's presentation
7 did a nice job of outlining how the procurement
8 coordinates with the planning, but -- so if we go
9 through the procurement process -- so after -- when
10 does the CPRE pro- -- I mean, I'm sorry, CPCN
11 process begin?

12 MR. HINTON: Let me just think of how
13 that would work as we have done in the past. You
14 know, there is -- in the past it was just, when
15 Duke filed for the Buck and Dan River CCs, they had
16 pinned their IRP to that. So the IRP starts the
17 process. And let me go to now, to think about how
18 Georgia is working it, and this is how I would
19 possibly envision it.

20 The IRP, of course, as they do now, they
21 say, we have a need in '26 to '30 for a new
22 generation, megawatt capacity needs. Cost of the
23 IRP would now be a little more granular and say,
24 it's particularly done in the winter morning hours

1 of 6 to 9 a.m. is when we need this capacity
2 resource. So those would identify the needs.

3 Then, you know -- then, you start --
4 issue, you have, the Accion Group or some other
5 independent evaluator to issue the RFP to fill that
6 need. And then, by now, a year has transpired. So
7 the Commission -- you know, I believe that how the
8 Accion Group did the bids, RFP process, they did up
9 to 3,000 megawatts are zero. In other words, there
10 was very little guarantee that the need would
11 actually -- would actually occur, because they were
12 looking forward, and they put -- but apparently
13 that caveat didn't cause any problems, because I
14 understand the RFP was successful.

15 So then as a following IRP, say two
16 years from now, that says -- that has an appendix
17 that says that Duke Energy would like to retire
18 coal units X, Y, Z, procure additional power Z, 1,
19 2, 3, 4, as recommended by an independent
20 evaluator -- administrator. So, you know, you have
21 bookends of two IRPs that identify a need, and then
22 the last IRP says, yes, this need is needed to
23 minimize the present value of revenue requirements
24 for customers. And that, to me, has always been

1 the goal of IRPs. Obviously, the resource should
2 be neutral, and that's our concern. We want to
3 give solar and batteries and possibly wind a
4 chance, again, to get the lowest cost to future
5 ratepayers and present ratepayers.

6 CHAIR MITCHELL: Okay. All right. Just
7 a few more, kind of, general questions for you,
8 Mr. Hinton. The -- where do transmission costs, or
9 do they, get factored in here? Transmission costs
10 associated with a bid.

11 MR. HINTON: Again, I would look to the
12 current CPRE process that has to work with Duke
13 Energy on their transmission team, and, you know,
14 they don't see the bid prices. Every -- our
15 information, of course, is kept from T&D versus the
16 evaluation teams within Duke and within the IE.
17 But the IE looks at that and looks at their
18 transmission studies to get that cost element.

19 CHAIR MITCHELL: Okay. So let me just
20 stop you there. So this process would entail an
21 evaluation of both the transmission costs as well
22 as the generation costs associated with the
23 particular proposal.

24 MR. HINTON: That's how I would see it,

1 because that's the only way you would be able to
2 ensure that the ratepayer has the lowest costs that
3 we could then pass on to the ratemaking process.

4 CHAIR MITCHELL: All right. The next
5 question for you. How confident is the Public
6 Staff that this won't result in just 24/7,
7 365-days-a-year litigation for the Commission over
8 disputes arising out of this process?

9 MR. HINTON: Mr. Metz may want to speak
10 to Orion's issues, which are more reasonable. I
11 could go back to the old LS Power issues. I think
12 that now the new CPRE process removes the concern
13 about -- that LS power had. And again, when I say
14 the -- Duke power has -- the RFP process has
15 evolved from the early days of Duke Carolina and
16 CP&L to now the process we have today. It's far
17 better, and I believe their short-term RFP that
18 Duke did a couple years ago was -- did not have an
19 independent evaluator, but they did it successfully
20 themselves. So I have to give them recognition for
21 that. But I don't think it will happen to the
22 level -- but I can only say that there may be
23 complaints. And if Dustin would like to --
24 Mr. Metz would like to speak to the Orion issue,

1 I'd appreciate it if you have something to say.

2 MR. METZ. So maybe not specifically to
3 the Orion issue, but this would be -- not the first
4 of its kind, but it is an evolution of the process.
5 There will be wrinkles, there will be trip-ups as
6 we go through this process, as any new process, and
7 we just have to invest rigor in the front end to
8 mitigate potential complaints that may arise.

9 MR. HINTON: I just don't think --

10 CHAIR MITCHELL: Let me just --

11 Mr. Hinton, let me respond to y'all. You know,
12 that -- I -- your point is well made, Mr. Metz and
13 Mr. Hinton. You know, we have been doing this now
14 for a while, and I'm glad, Mr. Hinton, you brought
15 up the example of the Duke -- the short-term RFP
16 that was conducted not too long ago. And yes, we
17 have been going through CPRE, much of the
18 Commission -- as y'all know, y'all have been right
19 there with us -- has invested much time and effort
20 and resources in the CPRE process with the hope of,
21 sort of, working on the front end to mitigate
22 problems on the back end, and we haven't got there.
23 So it just -- I just -- you know, one of my
24 concerns is just the -- you know, the complexity

1 associated with this process and the potential for
2 disputes that have to be resolved, and we've got to
3 figure out a way to -- you know, ultimately, if
4 this process is gonna benefit ratepayers, then we
5 have to make sure the process is administered
6 efficiently, and -- the program is set up and
7 administered efficiently. And with that in mind, I
8 just -- just for what it's worth.

9 I think that's all I had for you-all,
10 but thank you very much to the Public Staff for
11 your remarks on this topic.

12 All right. That's all for me,
13 Commissioner Clodfelter.

14 COMMISSIONER CLODFELTER: My spacebar is
15 not working very well this morning.

16 Commissioner Duffley?

17 COMMISSIONER DUFFLEY: Thank you both
18 for your presentation. I don't have any questions.

19 COMMISSIONER CLODFELTER: All right.
20 Commissioner Hughes?

21 COMMISSIONER HUGHES: Yes. Mr. Hinton,
22 could you put on your, kind of, rate-setting
23 regulatory framework hat and just comment a little
24 bit on -- especially if we move forward, kind of,

1 indefinitely with this approach. What does that do
2 to the regulatory model that we have? I think you
3 mentioned earlier, kind of, a risk to utility
4 earnings. Just this whole concept of getting a
5 return on rate base on capital, which for a
6 vertical-integrated utility is significantly
7 generation of assets. I think you mentioned, kind
8 of, the Georgia approach, but if we didn't do
9 something like the Georgia approach, is this gonna
10 have ripple effects? What does this do to the
11 model that we have in North Carolina?

12 MR. HINTON: It has the potential of
13 impacting expectations of rate-base growth that
14 equity analysts as well as credit rating agency
15 analysts look at. They see the construction
16 expenditure expectation of these utilities going
17 forward. They are briefed on that, you know,
18 through public discourse, of course, but still,
19 they have a view of the future growth expectations
20 of Duke to add to its rate base.

21 Okay. So now generation is -- may have
22 less of a growth expectation, may be dampened a
23 little bit. That possibly would lower expectations
24 for future growth and priced out prices. Again,

1 that -- to get that narrow though, it's hard to
2 actually come up and try to quantify that. It
3 would have, I think, a dampening effect on their
4 future earnings possibly. But at the same time,
5 you have to look at the industry and how Duke
6 competes with other utilities, because it's not
7 just Duke alone. It's Duke relative to Southern,
8 Duke relative to the companies in the Midwest and
9 Northeast. So this process is not unique. And,
10 obviously, it's going on in Colorado and other
11 places. Also, the restructuring that's happened in
12 other states where utilities don't have the
13 generation market to count on like vertically
14 regulated companies do. So this is nothing new.

15 I would say to that,
16 Commissioner Hughes, that the future is gonna have
17 less utility rate base in their earnings future,
18 possibly, as companies move -- as industry moves
19 this way. It's been moving this way for years.
20 But I -- but, in general, I would say -- to answer
21 your question, it would have a dampening effect,
22 but it may not be significant. And it's definitely
23 not something that I think a reasonable person
24 could qualify, because this is gonna take time.

1 It's gonna be years as we go through these
2 evolution processes.

3 MR. METZ: And maybe if I could add one
4 thing on that. There could be, as we work through
5 this process, we implement mitigation methods to
6 maybe combat that. To say -- okay, I think one of
7 the slides we looked at earlier today projected
8 somewhere between 6,000 to 9,500 megawatts over the
9 planning horizon. Well, no one has said all-source
10 procurement has to go procure all 6,000 and 9,500.
11 There could be mitigation strategies that were --
12 the incumbent utilities are still able to build out
13 their rate base with new generation while
14 leveraging also the market.

15 MR. HINTON: I think Mr. Metz made an
16 excellent point there. That they'll still -- you
17 know, in our view, that they should be able to bid
18 in as fair, objective process. And there are
19 techniques to do that. You heard Mr. Levitas talk
20 about the in-fill process. George -- Colorado does
21 that, Georgia does that. So we think Duke should
22 have an opportunity to bid, but also, you know,
23 when you look at -- going back to your original
24 question on rate base growth and how that could

1 impact the Company's stock prices and
2 creditworthiness, I mean, years ago I remember
3 hearing the CEO of PJM say that the future in the
4 PJM companies is with T&D investment. You know,
5 more and more capital is going that way, and I
6 think you're seeing that with Duke Energy, itself.

7 So I believe those expectations are
8 pretty much in the market, and I don't expect a
9 serious immediate response, because all this is
10 gonna take many years to transform, and we don't
11 know what's gonna happen, how it will actually end
12 up. I expect Duke will be a big player in
13 generation market to come, as in the past.

14 COMMISSIONER HUGHES: Okay. I thank you
15 for that. No further questions.

16 COMMISSIONER CLODFELTER:
17 Commissioner McKissick, you're up.

18 COMMISSIONER MCKISSICK: Just one or two
19 questions. Bob, in other jurisdictions going down
20 this path, have they run into issues or problems
21 with determination of who is the lowest responsible
22 bidder? And when I say that, not just the low
23 bidder, but the one most capable or dependable of
24 providing whatever that energy type might be. Have

1 you -- are you aware of that being an issue or
2 aware of that being a problem? Or, likewise,
3 problems occurring where there's been an award of,
4 you know, a contract, and then there is an
5 inability to perform in some respect? I mean, I'm
6 trying to think through the other potential
7 implications that are involved when you go down
8 this type of path.

9 MR. HINTON: I'm sure, in the last
10 30 years, there has been. Of course, these
11 contracts have had penalties, some for
12 noncompliance, but that's going back to the IRP
13 days that came about with the old Virginia Power
14 Company back in the '90s when they started RFP
15 processes.

16 I think the Accion Group has some
17 creditworthiness requirements that are pretty
18 stringent and that are designed to combat that
19 issue there. They are not gonna have anybody -- no
20 one's gonna put up this much capital and go through
21 the bidding process unless they are well financed
22 and they have full intentions of complying with the
23 contract. So I don't think that's an issue. But
24 I'm sure problems have occurred in the past.

1 COMMISSIONER McKISSICK: Okay. I was
2 just curious. I mean, it's an intriguing concept
3 which I'm sure we, as a Commission, will more
4 thoroughly evaluate as things move forward. Thank
5 you.

6 COMMISSIONER CLODFELTER: Thank you,
7 Mr. Hinton and Mr. Metz, both. I don't have any
8 questions. I will offer one comment that's
9 pertinent to, I think, the Chair's question.

10 I have -- and I'm saying this more for
11 the benefit of the general world out there than any
12 particular person, but I have a strong suspicion
13 that, if the Commission should decide that it wants
14 to explore this issue further or take some steps on
15 this issue, that we likely would ask the parties to
16 do more formal briefing on the legal issues. So I
17 think our intent today was probably not to get a
18 definitive answer, but really just to get a feel
19 for the legal authority issues and to do some
20 issue-spotting. So this probably won't be your
21 last chance to comment on that issue if the
22 Commission -- and I say if -- the Commission should
23 decide it wants to take further steps along this
24 road. So this doesn't have to be your last crack

1 at it, necessarily, on that question.

2 I don't have any further for you
3 gentlemen, and I thank you for presenting today.

4 Ms. Edmondson, is there anything more on
5 the Public Staff's side on this topic?

6 MS. EDMONDSON: That completes our
7 presentation on this topic.

8 COMMISSIONER CLODFELTER: Okay. As I
9 recall, Mr. Jirak, you are going to be managing
10 Duke's response on this issue, but let me tell you
11 where we are, and let's talk about where we go from
12 here. I'm not gonna make you start your
13 presentation before our morning break, so we're
14 gonna take our morning break here and come back in
15 10 or 15 minutes. And then as I'm looking at this,
16 you're going to have a good hour to present, and
17 that will take us to the lunch hour, and I very
18 much doubt we will get to questions before our
19 lunch break. So we'll come back to -- after our
20 lunch break with questions from the Commission.
21 And I know the Commission's gonna want to hear and
22 have a chance for dialogue with you.

23 It had been my hope that we would have
24 some time to allow Duke, perhaps 15 minutes or so,

1 for any responsive comments they wanted to make on
2 yesterday's issue, the retirement -- coal
3 retirements issue, and I saw Mr. Breitschwerdt pop
4 up on my screen very eagerly in hopes perhaps that
5 he would get that opportunity. After some
6 consultations, I would -- I would like to be able
7 to give Duke say 15 or 20 minutes for response on
8 that issue. And that creates the following
9 conundrum, is it puts us in a position where I
10 don't think we could get through the third topic
11 today and complete our work today.

12 We have had some discussion on that
13 subject internally, and we could, it appears, make
14 a session available next Wednesday morning from
15 9 a.m. to noon and do the third topic then. I know
16 I've got a couple of Commissioners also who have
17 some time pressure this afternoon, who have some
18 pressing items on them on the Friday afternoon.

19 So, Mr. Breitscherdt, Mr. Jirak, and all
20 of the counsel, what I would like you to think
21 about as we take the morning break is whether you
22 would be in a position to have your presenters
23 available on the transmission topic if we were to
24 take that topic and carry it over to Wednesday

1 morning next week and beginning at 9 a.m. And that
2 would then allow us to reserve the remaining time
3 we have today to get through Duke's response on
4 this issue, to get questions on this issue, and to
5 give Duke a short amount of time -- again, I'm not
6 going to completely reopen the matter, but some
7 time for responsive comments.

8 So I'm gonna put that proposal out
9 there. If that just doesn't work because you don't
10 have your presenters available on Wednesday, if any
11 party doesn't have their presenters available, we
12 will see what we can think about over the lunch
13 break, but that's the proposal I would like you to
14 think about, and we'll hear your views on that when
15 we come back from break. Let's come back at 11:30
16 and we'll pick up with Duke's response on topic
17 number two. Is that okay? Please turn off your
18 video and mute your mics.

19 (At this time, a recess was taken from
20 11:15 a.m. to 11:31 a.m.)

21 COMMISSIONER CLODFELTER: Before we
22 start, Mr. Jirak, let me sort of test the waters
23 with the schedule proposal I had made before the
24 break. And I know -- I know Duke has presenters on

1 the transmission topic, I know the Attorney General
2 has presenters on the transmission topic, I know
3 intervenors do. Ms. Edmondson, I don't recall,
4 frankly, just sitting here without looking at my
5 cheat sheet, whether the Public Staff does. But
6 let me check with all of you and see if the
7 proposal I made before the break is gonna work.
8 That would involve finishing out the day on this
9 topic, having a short rebuttal from Duke on coal
10 retirements, and then had carrying the transmission
11 topic to next Wednesday morning from 9:00 until
12 noon. Does that work?

13 MR. SMITH: Commissioner Clodfelter?

14 COMMISSIONER CLODFELTER: Yes.

15 MR. SMITH: NCSEA and CCEBA's witness,
16 Jay Caspary, is available from 9:00 to 11:00 that
17 morning and then has a conflict. So we just
18 request that he be slotted into that time.

19 COMMISSIONER CLODFELTER: We will
20 accommodate the sequencing if we need to as we did
21 yesterday with Mr. Levitas. We'll adjust the
22 sequencing if we need to. Anybody got any
23 unstoppable problems with that proposal?

24 MR. JIRAK: Commission Clodfelter, this

1 is Jack Jirak.

2 COMMISSIONER CLODFELTER: Yes, Jack.

3 MR. JIRAK: We can accommodate that
4 schedule and appreciate the creative thinking to
5 make sure that we can get all this in. We will
6 have to sub in one presenter, but we can make that
7 work. So we could definitely move our transmission
8 grid reliability panel to Wednesday. If I could,
9 I'd like to make one sort of minor tweak to, maybe,
10 your proposal.

11 COMMISSIONER CLODFELTER: Certainly.

12 MR. JIRAK: We would propose, kind of in
13 the interest of efficiency, that perhaps -- and we
14 very much appreciate the opportunity to give a
15 quick, high-level response on coal retirement
16 issues. A few of our folks that would potentially
17 be involved in that are potentially not available
18 this afternoon, but in the interest of efficiency
19 we thought perhaps we could just slap that response
20 in and kind of consolidate it with any necessary
21 response on the grid reliability issues. We think
22 we could cover that in the quick 10 to 15 minutes
23 at the very tail end of Wednesday. We'll knock out
24 kind of an overall response on both topics at that

1 time, and perhaps that would just make things a
2 little more efficient, if that would work for the
3 Commission.

4 COMMISSIONER CLODFELTER: I think that
5 works. The only thing the Commission is showing on
6 its calendar is a bond advisory team meeting at
7 1:00 on Wednesday. Commissioner McKissick and I
8 are the only ones involved in that. We could --
9 one of us could cover it or both of us could rely
10 on our fully competent staff to cover it without
11 us. So if we need to slide past noon and go a
12 little toward 1:00, I think we could still make
13 that work.

14 MR. JIRAK: And we'll be very sensitive
15 to timing. And again, we think, together, a
16 consolidated response will be very brief and
17 high-level and be more efficient.

18 COMMISSIONER CLODFELTER: All right. If
19 that works -- Ms. Bunze, I did not have a chance to
20 check over the break with Kim Mitchell. I was
21 otherwise occupied, so I'm going to also say,
22 during the lunch break -- and I will check with you
23 and Kim Mitchell to make sure you've got coverage
24 on next Wednesday morning. But we will proceed

1 along that path for now. And that means I'm gonna
2 turn it over to Mr. Jirak for Duke's response on
3 topic number 2.

4 MR. JIRAK: Great. Thank you very much,
5 Commissioner Clodfelter. At this time, we will
6 have the panel of George Brown, Jim Northrup, and
7 Glen Snider, who will separately introduce
8 themselves, and they will be presenting slides on
9 the topic of all-source procurement. At the
10 conclusion of those slides, I will share a few
11 brief thoughts on the legal issues that have been
12 touched on today around all-source procurement.

13 So thank you for this opportunity,
14 Commissioner Clodfelter and Commissioners. I'm
15 gonna turn it over to George Brown at this time.

16 MR. BROWN: Thank you, Jack. Good
17 morning, everyone. Good morning, Commissioners and
18 staff. My name is George Brown. I'm the general
19 manager of distributed energy technology strategy
20 and policy at Duke Energy, which means I get
21 involved in many different renewable energy policy
22 issues across all of our jurisdictions. I have
23 been with the Company since 1998 and had a variety
24 of different positions at the Company, and have

1 been in this role since February of 2014. The
2 other two panelists, you all know Mr. Snider, but
3 I'm gonna ask Mr. Northrup to also introduce
4 himself briefly. Jim, could you do that?

5 MR. NORTHRUP: Sure. I'd be glad to.
6 Good afternoon. My name is Jim Northrup. I have
7 been with the Company for many, many years in
8 various roles of integrative resource planning, and
9 most recently I have been responsible for executing
10 and initiating all of the RFPs for the Company over
11 the past decade. I'm also responsible for
12 structuring all of the wholesale purchases and
13 sales for the Company as well. Thank you.

14 MR. BROWN: Thank you. Before I get
15 started, I just want to make a couple of
16 introductory comments. I want to say that we
17 appreciate the opportunity to be here today and
18 present our views on this topic of all-source
19 procurement.

20 The other thing I would like to say is,
21 it's good to go last, because we got to hear what
22 the other parties had to say. And based on what
23 I'm hearing, it feels to me like there is a lot
24 more alignment than disagreement when it comes to

1 competitive procurement practices for Duke Energy.

2 I think we are mostly aligned with the Public
3 Staff. There may be some differences of opinion or
4 it may be just misunderstandings, and I also think
5 we're mostly aligned with the intervenors on this
6 topic. And I will note, for example, that there
7 are three areas that we agree with Mr. Levitas on.

8 Number one, we do believe that
9 generation should be competitively sourced, and we
10 have done that consistently over the last 15 years.

11 Number two, procurements should be
12 driven by the IRP and the needs identified in the
13 IRP.

14 And number three, we also believe that
15 the RFP should be open to all sources that can meet
16 the identified need. There has been assertions
17 that we only do single-source RFPs. Sometimes we
18 have done single-source RFPs, but if we're talking
19 about an IRP-driven need, we are looking for the
20 broadest possible resource solutions for that need.

21 The one issue that I will save for a
22 little bit later that we perhaps have a little bit
23 of a disagreement on is immediate renewable
24 procurement that he was proposing, I believe, in

1 his comments yesterday. We think that's separate
2 from the discussion today on the all-source
3 procurement. I will address that a little bit
4 later. Next slide, Brent.

5 Duke has a long track record of
6 utilizing competitive procurement processes in its
7 resource selection. We have always been looking
8 for the best resources for customers, and I think
9 our selections have been repeatedly affirmed by the
10 Commission through the CPCN process. So in this
11 presentation, in addition to talking about Duke's
12 practices, we are gonna talk a little bit about
13 what an all-source RFP is. And it's a term that is
14 used to cover a variety of different actual types
15 of RFPs, but I think the important point that we
16 would emphasize is that we are looking for the
17 broadest potential number of resources that can
18 possibly meet the need. So from that standpoint,
19 we support the concept of an all-source RFP,
20 although we may differ a little bit on exactly how
21 you get to that type of procurement.

22 The other important consideration is
23 that successful RFPs are driven by the need to meet
24 the need identified in the IRP. So you have to

1 create an RFP that solicits proposals from the
2 market and can objectively evaluate those proposals
3 against each other, because there are going to be
4 different technologies and different technology
5 types, and you have to then compare those proposals
6 to the need and determine the resource selection
7 from there.

8 The final point I'd make is that we are
9 going to continue to use competitive solicitations,
10 and we will allow all resources to compete that
11 meet the needs identified in the IRP. Next slide,
12 please.

13 Duke Energy is very focused on procuring
14 the least cost and most reliable resources
15 necessary to meet our power system's need. I think
16 this is contrary to what you hear sometimes from
17 intervenors, and I think it's foundational to our
18 entire resource selection process. I also think
19 that we have been prudent in our process, and I
20 believe that the North Carolina Utilities
21 Commission has agreed with that, as affirmed by the
22 CPCN process in North Carolina.

23 The utility has delivered diverse and
24 reliable generation through existing procurement

1 practices, and most of those practices align with
2 what are already proposed by the intervening
3 parties and by Public Staff.

4 Turning for a moment to the IRP, there
5 was a lot of discussion about the IRP. And I think
6 our IRP approach uses the best available market
7 third-party expert data as inputs to run the
8 analysis. We don't rely, you know, on internally
9 developed data points. We oftentimes are looking
10 at external experts to arrive at our data points.
11 So there are -- I think the idea that we somehow
12 skew the IRP to select a certain type of resource,
13 I don't believe that is accurate. I don't think
14 that is what we do.

15 The other thing, a lot of what we have
16 done and what we will continue to do is in
17 accordance with the recommendations of the
18 Executive Order 80 group that I believe Mr. Levitas
19 talked about yesterday, that basically says the
20 IRP -- the inputs and assumptions for any RFP
21 should be generally consistent with the most recent
22 IRP, but with updates as appropriate to reflect
23 changing conditions. And that is consistently how
24 we've approached our sources.

1 When appropriate, we have used RFPs to
2 select the most desired resource, whether it's a
3 dispatchable or renewable resource. There are some
4 circumstances -- and I will touch on it later --
5 where we have not gone through a formal RFP
6 process, but those are, I would call, exceptions to
7 the process. And I think, as I explain them, you
8 will see why forcing that type of sourcing into a
9 structured RFP process is not necessarily the right
10 answer for customers. Next slide.

11 So what are the drivers of our resource
12 solicitation? The first type of driver is the IRP
13 planning process. And I want to sort of -- I'm
14 gonna summarize these each individually, but I want
15 to also say that there are three big drivers. And
16 you're gonna see this in the chart that has our
17 history of our RFPs. One is of IRP planning
18 process, second is legislative mandates, and third
19 is customer programs. And foundational to all of
20 them is that the RFP needs to meet the goal of the
21 driver.

22 So if you are looking for a customer
23 program on Green Source Rider, the resource and the
24 RFP need to be structured for that goal, and it

1 isn't appropriate, necessarily, to do an all-source
2 RFP for that type of goal.

3 So what are the drivers in IRP? The
4 first one is the temporal need. When do we need
5 the resource that we are looking at? The second
6 one is, what is the energy need we are looking for?
7 Energy, I think of as sort of the kilowatt hours
8 that the customers use 24/7 over the course of the
9 year as part of their daily life. Third type of
10 need is capacity, and capacity is generally defined
11 as the ability to meet the system peak energy for
12 demand -- demand for energy, which occurs in the
13 Carolinas in the winter mornings. And that's our
14 planning assumption going forward in our IRPs.

15 The other important thing about capacity
16 is you want the capacity that you're sourcing -- if
17 that's what you're looking for, you want it to be
18 dispatchable quickly in the event of another unit's
19 unforced outage. So -- because that would be able
20 to provide backup in the event you do have an
21 unforced outage and need to bring another resource
22 on to meet the load.

23 The fourth type of need is renewable or
24 carbon-free energy need. I think that's an

1 increasingly important focus of the companies'.

2 And I think -- although policy is not completely
3 clear, I think we can all agree that the direction
4 is going to be for more, over time, of renewable or
5 carbon-free energy.

6 You do have to prioritize the needs. In
7 other words -- and the example I have here is
8 capacity versus energy. Because we have a diverse
9 generation fleet and portfolio of PPAs, we have a
10 lot of ability to generate energy. You know, we
11 can select different resources to generate energy
12 from any given hour. But when we are looking at a
13 growth in the peak or a shortage of capacity that
14 is being created by a retirement, that is paramount
15 to the energy value, potentially, of that resource,
16 because the critical need to be able to create
17 energy at that moment is a very high value. And
18 that value is something that's very important when
19 we actually evaluate the bids from the all-source
20 RFPs that we will get back in.

21 And then, finally, tradeoffs. You know,
22 gas generation versus wind. Gas has certain
23 characteristics. It's not carbon-free. Wind has
24 certain characteristics, which means it's not as

1 easily controlled, it may not provide as much
2 capacity, but it is all carbon-free. So we have to
3 balance those things between the sources.

4 Turning to legislative mandates. I
5 think we talked earlier -- the Public Staff talked
6 earlier about CPRE, and I think most of you are
7 familiar with that. We also have done RFPs for the
8 renewable energy portfolio standard. Customer
9 programs, we've done shared solar RFPs both in
10 North Carolina and South Carolina. And the Green
11 Source Rider program, that is the legacy Duke
12 Energy Carolinas Green Source Rider program that
13 existed before HP-589 created the new Green Source
14 Advantage program. Next slide.

15 I'm not gonna go through each of these
16 RFPs over the next two pages -- they are really
17 there for reference for the Commission -- but I do
18 want to focus on four key themes that are common
19 across all of these RFPs. I think the first one is
20 Duke Energy has consistently sourced the market
21 through competitive RFPs to provide the best
22 resources at the lowest cost for customers.
23 Sometimes those are new resources, sometimes they
24 are existing resources. It depends on the need and

1 it depends on the timing. In fact, we've had -- if
2 you total up the total number of megawatts that
3 we've had through these solicitations, it's over
4 75,000 megawatts that we've had offers in from the
5 market.

6 The second thing, as I mentioned
7 earlier, the RFPs are issued for a variety of
8 needs, and I will point out a couple of them here.
9 One is the IRP needs that I talked about earlier,
10 and an example of that is the July 2018 RFP and
11 also the July 2007 RFP for dispatchable, peaking,
12 and intermediate resources. One of them resulted
13 in PPAs, the other one resulted in some Duke
14 projects.

15 Solar mandates. I've got the CPRE RFPs
16 listed there, and there was also an RFP in 2014 for
17 REPS. And then, finally, I have the Green Source
18 Rider RFP listed as well.

19 Number 3, intervenors complain that we
20 narrowly define the criteria to exclude certain
21 resources. The fact is that we actually are trying
22 to cast as wide a net as possible, given the nature
23 of the need, based upon available technology. I
24 believe Mr. Wilson actually makes this point, in

1 essence, by saying that what was surprising in
2 Colorado was that they had a very good outcome in
3 their 2016 solicitation, but he also said that's
4 because technology evolved. And so because of the
5 evolution of technology, you were able to extract
6 resources and value that you wouldn't necessarily
7 have been able to extract four or five years
8 earlier. So we are looking for the best-available
9 technology at the lowest cost to meet the need.

10 And then fourth, we have consistently
11 used independent third-party evaluators to review
12 the process when Duke Energy is participating in
13 the RFP. We have done that every single time,
14 whether it's mandated by legislation as it is in
15 CPRE or whether it was part of the IRP planning
16 process. Next slide.

17 And we'll skip that slide too. Next
18 slide. Thank you. So I mentioned earlier that the
19 RFP must procure resources that hit the identified
20 need. Couple of things. Not all needs are created
21 equal. I mentioned about capacity versus energy.
22 I think here we have got an example of NC REPS
23 compliance compared to winter super peak capacity.
24 Both of them are important; however, the winter

1 peak is a different animal, in the sense that it is
2 being done for reliability, whereas NC REPS is
3 being done to satisfy a renewable standard.

4 The other thing I would say is that
5 resources evolve and mature, and resources that
6 perhaps were not available or mature enough in a
7 prior solicitation may be available and mature
8 enough in future solicitations. So, for example,
9 solar plus storage is a resource that is much more
10 mature now than it was, say, in 2012. I mean, in
11 2012, I don't think it was really on anybody's
12 radar screen as a possible resource to meet an
13 IRP-driven capacity need. On the other hand, there
14 are other resources, like hydrogen-fueled CTs. You
15 know, while there are CTs that can burn hydrogen
16 today, the fuel source is the difficult part about
17 the hydrogen CT, and there is really nothing out
18 there that we're aware of that would indicate that
19 that type of resource would be available to
20 participate in any sort of near- to medium-term
21 RFP.

22 So I think bottom line -- and I think
23 this aligns with the Public Staff's comments -- is
24 that our procurement practices have been

1 scrutinized by the Commission, Public Staff, and
2 all -- plenty of intervenors in every CPCN and
3 cost-recovery proceeding to make sure that Duke
4 Energy is meeting the statutory least-cost
5 requirement.

6 I'm gonna turn the presentation over now
7 to Mr. Snider, who is going to walk the Commission
8 through the next three slides.

9 MR. SNIDER: Thank you, Mr. Brown.
10 Commissioners, it's good to be with you again
11 today. Again, just maybe a little building upon
12 some of Mr. Brown's comments and other presenters.
13 Slide 8 here, what we're just trying to highlight,
14 when you think through an IRP -- and a lot of the
15 discussions being had is really building on
16 George's point of all needs are not created equal.
17 So, you know, what we are trying to show here is,
18 in the IRP, you know, we're looking at different
19 resources, and they provide different attributes to
20 the system.

21 And just -- I'm not gonna walk through
22 each and every one of these. I think a lot of them
23 are, at this point, becoming more obvious to all
24 parties, but standalone solar, for example, we have

1 a very sophisticated RFP -- single-source RFP in
2 CPRE because it provides carbon-free energy and
3 fulfills the need of that particular niche of need
4 and the statutory requirement for that under House
5 Bill 589. So you're not gonna see a natural gas CT
6 being bid into CPRE.

7 Conversely, a natural gas simple-cycle
8 turbine is very effective as a dispatchable
9 resource. As Mr. Brown explained, it can be turned
10 on and off quickly during a winter morning need, or
11 if a unit trips offline, whether it's day or night,
12 that resource is available. So its attributes must
13 be taken into consideration dependent upon the type
14 of need.

15 And so, for example, where we have an IA
16 looking at, you know, our standalone, that's for an
17 energy-only single-source. I think where it really
18 becomes important for the Company to work alongside
19 of an IE is when we have these capacity needs,
20 because it's the Company that's responsible for
21 maintaining that reliability of the system, and
22 it's critically important for the Company to select
23 an array of resources that we believe will maintain
24 the Company's responsibility for that reliable

1 system and the reliable grid.

2 And so I think in one case, you know,
3 the use of an IA, for example, when you are doing a
4 single-source energy-only, which is more of an
5 economic consideration, makes a lot more sense than
6 when you're looking at a capacity reliability
7 resource. And in that case, you know, we would see
8 other resources. So, you know, what I do want to
9 make clear is we do not do a -- we do not do or
10 envision a single-source.

11 So if we have a winter capacity need and
12 the IRP says, hey, there is a CT as the preferred
13 resource, it's simply that is what the IRP
14 identified. When you go to the RFP, any resource
15 that's capable of meeting that need -- that
16 capacity need, would be allowed to bid in that RFP.
17 So maybe the CT gets outbid by a battery, or maybe
18 the combined cycle that bids in very aggressively
19 has benefits that make it better than the CT. So
20 it's -- I think there is a lot of nomenclature that
21 can get mixed up here, and I want to make sure we
22 understand its specific resource versus resource
23 type or characteristics.

24 So the IRP identifies resource needs, in

1 terms of the type of need, whether it's an energy
2 need, a capacity need, a carbon-free energy need,
3 and then the RFP allows all resources that can meet
4 that particular need type to bid in to see what's
5 the most economic and reliable alternative for
6 customers.

7 And so I will just briefly, you know,
8 echo the points of a lot of the comments that have
9 been made by intervenors in this case and the
10 Public Staff we agree with, that this process is
11 maturing. So the suite of resources that were
12 available for us to choose from in 2007 are
13 different than the suite of resources today. So
14 earlier RFPs would have been specific to the
15 resources that were available at that point in
16 time. And then the other one to make that we
17 sometimes lose sight of, it's also got to be
18 specific to this region, right? So, you know, in
19 the future, offshore wind may be a potential bidder
20 into an RFP. In some regions, they have already
21 bid in. In other regions -- I don't think Colorado
22 is gonna be accepting offshore wind bids any time
23 soon.

24 So, you know, our region -- the RFP

1 process, the needs are specific to the region, and
2 the resources are specific to the region. So you
3 can't readily compare different prices you see from
4 around the country to just -- and say, oh, that
5 must be the Carolinas. So, you know, the
6 availability of cheap wind in Colorado is very
7 different than the availability of cheap wind here
8 in the Carolinas. So those are the types of
9 considerations that we need to be thinking about.
10 The need type and the resources that are available
11 are the function of the maturity and the region in
12 which the RFP is being conducted. Next slide,
13 please.

14 And so here, you know -- we touched on
15 this a little bit in the IRP in the coal retirement
16 section about all resources have qualitative
17 considerations that need to also be considered that
18 can't necessarily be put into just a quantitative
19 model. And so, through this process, you have to
20 recognize different operating risks, the length of
21 time in which that particular resource has been
22 available and proven in the marketplace, how
23 certain you are of those costs over the time
24 horizon. And I think the IRP -- and I commented on

1 this in the first session -- going forward, needs
2 to not only have the quantitative modeling, but
3 also a wholesome sort of fulsome comparison of some
4 of the qualitative factors that will also go into
5 resource need selection, and maybe the amount of
6 any particular resource you want to lean on as you
7 think about the mix and how it's going to evolve
8 over time. Next slide, please.

9 We've heard a lot on this topic as well,
10 in terms of, you know, the IRP and how it evolves
11 over time, and being a snapshot in time does do a
12 better job, let's say, of projecting the more
13 immediate needs, in terms of, you know, in the next
14 5 or 6 years, there is obviously less uncertainty
15 than maybe 15 years from now.

16 So I think I heard Chair Mitchell ask
17 this question about, when we talk about locking in,
18 how far do you think about locking in? Well, we do
19 not think an all-source procurement or any
20 procurement should try to lock in every resource in
21 an IRP over the 15-year horizon, given some of the
22 uncertainty and how the markets will change over
23 time. The procurement -- and I think Mr. Levitas
24 sort of agreed with this -- generally focuses on

1 those needs that are closer to us, and then as you
2 reevaluate and move through time, the further-out
3 needs will evolve and you'll have future
4 procurements to fill those needs.

5 One of the interesting challenges we are
6 going to see as we move into the next decade is how
7 to deal with technologies that have long lead
8 times. Nuclear, additional offshore wind coming
9 down into the Southeast, these are not 3- and
10 4-year lead times. These can be 8-, 9-, and
11 10-year lead times. So, you know, near-term
12 procurements we are not looking at offshore wind,
13 let's say, to fill '26 or '27 need, nor are we
14 looking at small modulars, but we are going to have
15 to think about how we make room for those as we
16 move through time to allow those technologies to
17 compete when their siting or permitting requires a
18 longer lead time.

19 Finally, you know, we did hear a little
20 bit from some of the intervenors. I heard
21 Mr. Levitas talk about we agree that having a
22 diversification of owned assets versus contracted
23 assets is best principles. And the point there is
24 you simply cannot fully replicate an asset that's

1 owned by the utility's customers, regulated by the
2 Commission, with a leased asset. They are similar,
3 but there's risks and benefits to both. Sort of
4 like owning a house and leasing a house. There is
5 some benefits of leasing a house, in terms of not
6 having to worry about, let's say, the maintenance
7 or caring for the roof or air conditioner. But you
8 have limitations on what you are allowed to do to
9 that house, how it's going to get painted or what
10 additional equipment you might want to add to the
11 house. And, certainly, you know, at the end of
12 your lease, you don't own anything. And so if the
13 market is really hot, you might be exposed to
14 really high lease prices at the end, as opposed to
15 having ownership and only having the undepreciated
16 balance of your house left. So, certainly, having
17 some of both, we think, was recognized as an inert
18 process, as a best practices, and we agree with --
19 we agree with that, that having some of both is
20 really good.

21 So I would just conclude my brief
22 comments on this portion by saying we do align a
23 lot with what many of the intervenors were saying.
24 Want to make sure we understand, from an IRP

1 perspective, our needs. We're not defining an
2 asset that would go for an RFP, but a type of need,
3 and then all resources would be allowed that could
4 meet that type of need. Just wanted to be really,
5 really clear on those points. And with that, I'll
6 turn it back over to Mr. Brown to finish off.

7 MR. BROWN: Thank you, Mr. Snider. This
8 slide is designed -- we actually created this slide
9 back when we thought we were going first, so we may
10 not have to cover a lot of this slide. I will try
11 to reduce it a little bit in the interest of
12 brevity, but we think a lot of times people get
13 caught up in the terminology of all-source RFP.
14 And if you think back to the slide that the Public
15 Staff showed in its presentation, I think it had
16 the two Venn diagrams, or I don't know what you
17 would call them, but it had the all-source and it
18 had what they called targeted.

19 The all-source on the left included
20 demand-side management resources and distributed
21 resources. And generally speaking, when we're
22 talking about our RFPs, they are more like
23 multisource supply-side RFPs. So we aren't
24 necessary -- we aren't stipulating what the

1 resource has to be, except we're not generally
2 doing something -- we're not doing a bidding for a
3 demand response, which some other jurisdictions
4 have done that, but that's typically not what we're
5 doing.

6 I think the other thing I would just
7 emphasize is, it's very important to consider the
8 operational capabilities and not simply look at the
9 financial cost, because if the -- cost is
10 important, but cost in the context of reliability
11 is really what we're trying to achieve. And so I
12 think we take a little bit of exception at the
13 extreme, I would call it, focus on financial
14 analysis that some of the intervenors seem to focus
15 on, in terms of cost of energy and things like
16 that, levelized cost of energy. That's definitely
17 important, but it's not absolute.

18 And then, finally, there was a lot of
19 discussion about Colorado and Pacific Corp, and we
20 have looked at those. They are -- they were very
21 successful multisource -- we think of them as
22 multisource, they call them all-source. We don't
23 disagree with -- you know, their terminology is
24 just different than what we would use. And I think

1 they were very pleased with their results, but as
2 Mr. Snider mentioned, a lot of times they got
3 results that they did because of their specific
4 resource capabilities. There is a lot of wind in
5 Colorado, and we really don't have a lot of wind
6 capability here, at least so far, in the Carolinas.
7 Even if we did, it's not necessarily going to have
8 the capacity factor that Colorado wind has. So
9 it's a very different market. Next slide, please.

10 So I guess to sort of bring it back to
11 what we think is important for the Commission
12 overall, number one, we will continue to use market
13 RFPs to procure resources in the future. There
14 will be a few exceptions. I'll mention them on the
15 next page. Number two, we believe the RFP should
16 specify the requirements of the -- of the -- the
17 IRP should specify the requirements of the RFP.
18 Too many P's. Sorry about that. Number three, we
19 will use a third party to assess the RFP any time
20 utility-owned resources are being considered. We
21 don't think, necessarily, it's necessary in every
22 RFP. I mentioned some targeted RFPs for shared
23 solar, for example, where the utility was not
24 participating. I don't think that's a necessary

1 step.

2 We don't believe a fundamental change is
3 necessary in North Carolina, because we believe
4 that what we have done and what we will continue to
5 do and how we will continue to evolve our practices
6 will continue to result in good resource mix, in
7 low cost for customers, and good reliability for
8 customers, and that's our overarching goal from
9 this whole process. Next slide please.

10 I mentioned a few situations, and I'd
11 like to talk about those. I think some of the
12 intervenors seemed to indicate that we should be
13 doing RFPs all the time, and there are some unique
14 circumstances that sometimes present themselves to
15 us where it would not be appropriate for us to have
16 to slow down the process, or we could even generate
17 an RFP that would make sense.

18 I think the first example is the new
19 Lincoln combustion turbines that we have, which are
20 the fast-start turbines which we got from a vendor.
21 It was a unique opportunity at very, very low cost
22 to customers that a vendor was willing to supply us
23 those turbines. So it really wouldn't have made
24 sense to go out to the market, because this vendor

1 was willing, I think, essentially to subsidize this
2 asset for its own needs.

3 The second one is the Asheville combined
4 cycle. We had the Mountain Energy Act that
5 mandated what we were trying to do or what we
6 needed to do. There was really no other place to
7 source that combined cycle, other than right next
8 to where the coal plant was. And it should be
9 noted, and I think actually the Public Staff did
10 make note of this, that despite that -- so we
11 weren't soliciting the market for an alternative to
12 our combined cycle. We did use competitive
13 sourcing for the EPC contracts, all the major
14 equipment, all the major components to try to drive
15 the cost down as low as we could.

16 A final thing I will mention is an
17 unexpected emergency. Back in 2007, there was
18 extreme drought, and we were experiencing derates
19 on our system because of low river levels. So we
20 went out and proactively procured quickly in the
21 market without a big formal RFP that could have
22 driven the prices up. We did a very short-term
23 solicitation for capacity for maybe a year or 18
24 months, I can't remember the exact details, and

1 that's an example of when you don't necessarily
2 want to have to go through a whole big RFP process.

3 Next slide.

4 So one final point that I think is very
5 important, and I think may be a little bit
6 confusing, about where the intervenors are, where
7 the Public Staff is, and I just want to be clear on
8 what Duke Energy believes. Duke Energy believes,
9 when we're talking about resource procurement, that
10 is persistent reliability, that a utility should be
11 the one responsible for the selection of the
12 resource. If you look at the NERC documents that
13 Mr. Levitas mentioned, I think they are consistent
14 with that policy framework. The CPRE selection
15 process was a different process, and I will talk a
16 little more just in the next slide about that, but
17 that is not the model that we believe the state
18 should pursue.

19 The complexity of an all-source
20 procurement and the deep understanding that you
21 need of the system and how those resources -- and
22 even the judgment you need to make on how those
23 resources will perform under field conditions for
24 evolving or emerging resources, has to be made by

1 the utility, and the utility should be accountable
2 for that because the utility is accountable for
3 service. Now, that does not mean there will not be
4 transparency. There will be transparency. But I
5 think the final selection decision really should be
6 made by the utility, and I believe that the state
7 has been well served by that policy framework. So
8 whether we call it IA, IE -- at Duke we think of an
9 IE as an independent party that is watching,
10 participating maybe, in the utility process, but
11 the utility has to make the final selection
12 process.

13 The other thing I want to address here
14 is the discussion -- or the point that was brought
15 up about future CPRE -- additional CPRE beyond the
16 mandated volumes by Mr. Levitas. I think the first
17 thing I would like to say is we believe that it is
18 a little disingenuous to say on the one hand you
19 want all-source RFPs for IRP, but then you want to
20 go ahead and have an additional resource RFP which
21 is only gonna work for solar, beyond what is
22 contemplated in the statute, which already gives an
23 opportunity for the Commission to extend the
24 program through the IRP process. So we would not

1 support that. We think we should finish up the
2 current CPRE volumes, and we are actively in the
3 process of doing that, and then wait further
4 development through the 2022 IRP to determine
5 future competitive procurement of renewable energy.
6 Next slide.

7 To summarize -- I think the first bullet
8 is a good summary. We believe that the existing
9 processes have worked well. We are committed to
10 utilizing multisource, open-source, all-source,
11 whatever term you want to use, RFP driven by the
12 IRP analysis and any other legislative directives.
13 So if there is a policy driver that moves us in a
14 particular direction, obviously, our RFPs will have
15 to be responsive to that.

16 We're also committed to the use of
17 third-party oversight. We have done it in the
18 past. As I mentioned, every single time there was
19 a utility self-build solution, we had an
20 independent evaluator or an independent
21 administrator.

22 And then third, we plan to engage with
23 stakeholders in advance of issuing the RFP for
24 needs so we can get feedback from stakeholders. We

1 believe that that will help mitigate complaints in
2 the future, and I think it also will demonstrate
3 that we are willing to be transparent, and I think
4 it will help us get to the point where we get to
5 the least-cost resources that we are looking for,
6 given the reliability that we desire.

7 We generally don't believe it's
8 necessary for the Commission to go beyond that --
9 to go beyond our current practices and the current
10 framework of resource selection, CPCN approval,
11 least-cost planning that exists, IRP planning. So
12 that would be our recommendation to the Commission,
13 in terms of next steps on this particular topic.

14 So with that, I'm gonna finish my
15 comments, and I'm gonna turn it over to Mr. Jirak
16 for some legal discussion.

17 MR. JIRAK: Thank you, Mr. Brown.
18 Commissioner Clodfelter, Chair Mitchell, and
19 Commissioners, I want to just briefly speak to some
20 of the legal top issues that have been addressed
21 around the issue of all-source procurement, but I
22 want to, at the risk of beating the drum too
23 loudly, continue to affirm what Mr. Brown just
24 concluded with, which is, we then believe there is

1 more alignment than differences on these issues.
2 We've, once again, reiterated our continued
3 commitment to utilizing both procurement processes,
4 the use of third-party oversight, and the use of
5 RFPs that are open to all resources that can
6 satisfy the identified need, and further committed
7 to stakeholder engagement pre-RFP to continue to
8 improve the transparency of our processes.

9 And again, we think it's appropriate
10 that the discussion here has been focused on the
11 substantive issues, but I do want to address the
12 legal topics that have been addressed, because I do
13 think those are important.

14 And so there's a lot to unpack in
15 assessing, sort of, what portions of the ideas that
16 have been laid on the table would require a change
17 in the law. And, obviously, no change in law is
18 needed for Duke to continue its historic practices
19 of competitive procurements. So that -- nothing is
20 needed for us to follow through on our commitments
21 we have made and reaffirm today.

22 But as we start to unpack some of the
23 different ideas here, I do think there are certain
24 aspects of what has been proposed that would

1 require changes in law. And I will begin with,
2 kind of, the low-hanging fruit, in my opinion,
3 which is, sort of, proposals that would -- and to
4 some extent -- we don't have all the details of
5 each proposal, but as we understand it, some of the
6 proposals would result in a change to the statutory
7 CPCN process or changes to the statutory EEDSM
8 approval process. And so, clearly, anything that's
9 gonna change 62-110.1 processes for CPCNs or
10 62-132.9 framework for EEDSM applications and
11 approval would require change in law. That's -- I
12 think that's kind of the easy part here.

13 But as we turn and think about the, sort
14 of, nuts and bolts of the procurement process, it
15 gets a little fuzzier what's being proposed and
16 which parts of the proposal might require change in
17 law. And so I want to encourage us to think sort
18 of about a, sort of, range of resource procurement
19 selection processes. So you think of, kind of, a
20 continuum of practices. Sort of on the one hand --
21 and a, sort of, more simplistic approach -- you
22 have a utility that goes out, unilaterally selects
23 a resource, and shows up for CPCN for that
24 resource. Now, frankly, I think that's kind of a

1 straw man. That's never been how Duke has handled
2 it. We've always used competitive procurement
3 processes. But again, for purposes of thinking
4 about a range of procurement processes, that's sort
5 of one extreme end.

6 On the other end of the continuum is a
7 proposal that we have heard from some intervenors.
8 We've touched on the topics around it, but the,
9 sort of, extreme other end of the resource
10 selection process would be one where the utility is
11 sort of taking a back seat in the resource
12 selection process, and you have an IA come in and
13 select the resources on which the utility would
14 then be required to rely on for providing
15 reliability, and the utility doesn't really have a
16 role in making a selection. It may be a very
17 minimal, even, role in the evaluation process.

18 Commissioners, our view is this sort of
19 extreme end of the spectrum, first of all, is not
20 really something that's common at all anywhere in
21 the country in similarly situated utilities, but
22 more importantly, we don't believe this sort of
23 extreme end where the utility does not have a
24 primary role in the selection processes of the

1 resources on which it will rely on for providing
2 reliability for customers is consistent with the
3 Public Utilities Act.

4 Now, why do we come to that conclusion?
5 Well, a good starting point on this issue is the
6 Commission's own order on this issue in Docket
7 Number E-100, Sub 112. And this was a proceeding
8 that was initiated in 2009. And in that proceeding
9 the Commission was considering the issues of
10 whether it was necessary for the Commission -- this
11 is a quote -- to give further guidance or adopt
12 more specific rules as to how electric utilities
13 should assess the capabilities of and the options
14 available through a wholesale market when making
15 resource additions. So the Commission, in 2009,
16 was thinking about this very issue, of what should
17 be required of the utilities when it comes to
18 making a resource selection decision.

19 So the Commission had a series of
20 comments, and after receiving comments and reply
21 comments, the Commission did a couple of things. I
22 want to highlight two things it did. First, the
23 Commission reaffirmed its expectation that Duke
24 would, in future CPCN proceedings, provide evidence

1 of robust and thoughtful review of opportunities in
2 the wholesale market.

3 So way back in 2009 the Commission
4 already had put a flag in the ground and said we
5 expect you, the utility, when you show up for a
6 CPCN, to have considered and demonstrate to us that
7 you have engaged in a robust and thoughtful review
8 of opportunities in the wholesale market. And as
9 an aside here, I would say, given that the
10 Commission set up this expectation in 2009, I think
11 it's reasonable to ask that, has there been any
12 finding by the Commission since 2009 that somehow
13 the companies had failed to conform to this very
14 clear directive, and the answer to that question is
15 no. The Commission has made no findings since 2009
16 that somehow the companies have failed to comply
17 with its obligation to thoroughly evaluate
18 opportunities in the wholesale market. In fact, in
19 every single CPCN the Company has filed since then,
20 the Commission has found that, given the
21 appropriate circumstances of that CPCN application,
22 the Company has, indeed, fulfilled this
23 requirement.

24 And again, stepping back, you know,

1 where we are 2009 compared to where we are today,
2 we have a diverse, flexible generating fleet that's
3 a mix of utility-opened, third-party-owned
4 resources; we have affordable rates; we have a
5 nation-leading amount of solar. And as Mr. Snider
6 highlighted at the beginning of your presentations,
7 we've achieved nation-leading amounts of carbon
8 reductions.

9 So I think it's undisputed that we
10 fulfilled the Commission's directives to engage in
11 a robust, thorough review of opportunities in the
12 wholesale market, and the outcome that we've
13 achieved 12 years later is a remarkable success.
14 To the points that have been made by some
15 intervenors that somehow the process is broken, I
16 would say the evidence of what we have in
17 North Carolina just does not support a view that
18 somehow our procurement processes to date have been
19 broken or have failed to deliver value for
20 customers.

21 Now, one other point I want to make is,
22 in the Commission's order -- and this is a balance
23 that -- this is an issue that, in my view, the
24 comments around the legal topics to date in this

1 technical conference haven't really wrestled with,
2 this tension I'm about to identify, but the
3 Commission identified it in their order in 2009.
4 And what the Commission said in their order in 2009
5 was this, and this is a quote. "At the end of the
6 day, it is the utility's responsibility to balance
7 the sometimes complex and competing issues so that
8 their customers are assured a reliable electricity
9 supply at a reasonable cost."

10 So -- and this gets the kind of
11 attention that I think exists under the Public
12 Utilities Act, and the Commission was clearly
13 recognizing here, is that the utility bears
14 responsibility of providing reliable service, and
15 as such, has a key and pivotal role to play in the
16 selection and evaluation of the resources, again,
17 on which it will rely to provide that service. And
18 the Commission recognized this in 2009. And this
19 is not a new idea. I will say that this
20 North Carolina Supreme Court has also recognized
21 this fact in its decision Utilities Commission vs.
22 General Telephone Company. In that decision, the
23 North Carolina Supreme Court affirmed that a public
24 utility is under a present duty to anticipate

1 within reason demands to be made on it for service
2 in the near future. And this is important.

3 Substantial latitude must be allowed the directors
4 in making the determination as to what plant is
5 presently required to meet the service demands of
6 the immediate future.

7 So, you know, we've heard some, just,
8 general references to statutory framework regarding
9 utility supervisory authorities, which is
10 absolutely true, but I don't believe that the legal
11 views we've heard, they have really wrestled with
12 the very real tension between that obligation --
13 it's not necessarily a tension, it's a balancing
14 act -- the balancing between the role of the
15 utility in selecting the resources and the
16 supervisory authorities of the Commission.

17 Now, putting the pin in that idea
18 briefly, and I'm getting close to the close here.
19 I will say, it's also important, we believe, to
20 think about the purpose of an IRP proceeding.
21 Like, what under the existing law is the purpose of
22 an IRP proceeding? And the North Carolina Court of
23 Appeals has, in fact, had occasion to consider this
24 very question. And in that decision, the Court of

1 Appeals -- in fact, this decision was quoted in the
2 Commission's scheduling order for this
3 proceeding -- the Court of Appeals noted that the
4 IRPs are not intended to provide an occasion for
5 the issuance of mandatory orders requiring
6 substantive changes in the given utility's
7 operation. And the court went on to observe that a
8 least-cost planning proceeding should bear a much
9 closer resemblance to a legislative hearing,
10 wherein a legislative committee gathers facts and
11 opinions that inform decisions made at a later
12 time.

13 So in total, we think that there is --
14 there is a way to find a balance in these roles,
15 and our own -- the key thing that we want you to
16 hear is that we believe the, sort of, extreme view
17 that says the utility should be, sort of, put in
18 the back seat of the resource selection process, is
19 just simply not consistent with the Public
20 Utilities Act. But we, of course, as you have
21 heard from us from a substantive perspective,
22 recognize the absolute centrality and importance of
23 competitive procurement processes in order to
24 achieve the best value for customers, and that's

1 been our longstanding historic practice, and it's a
2 practice we continue -- intend to continue going
3 forward to ensure that the best resources are
4 selected for customers. And over all of that, the
5 Commission will continue to exercise its
6 appropriate oversight authority to ensure that the
7 decisions we make are, in fact, in the best
8 interest of the customers.

9 And so I will close just with two other
10 quick observations. First of all, I would note
11 that the NERC documents, themselves, most of which
12 we agree with, also agree that further legislative
13 changes would be needed to implement many of the
14 recommendations in the NERC document. So this
15 position is not a new one. And I will also observe
16 the questions around efficiency and timing are
17 important ones. Commissioner Mitchell kind of --
18 excuse me, Chair Mitchell hit on this earlier in
19 her questions around what does a future look like
20 where we have a, sort of, one-size-fits-all
21 procurement process that is, sort of, a top-down
22 mandated approach? Is that gonna result in 24/7,
23 365 litigation? And we frankly think those are
24 important questions for the Commission to ask as it

1 thinks about the future.

2 I think our experience with CPRE has
3 been -- it's been, in general, successful, but it
4 has not been without dispute and litigation. So I
5 think the notion that somehow all-source RFPs will
6 take off the table some fundamental policy
7 decisions, discussions that need to be -- that need
8 to happen, or that it will resolve the often very
9 different views of the world that you will hear
10 from intervenors and Duke, is probably not
11 accurate.

12 So I think, as we think about it, about
13 what the future looks like, again, we think
14 consideration should be given to efficiency and a
15 flexible approach that does not, sort of, mandate a
16 one-size-fits-all approach, but that instead gives
17 the utility some amount of discretion as it
18 implements it. Again, all subject to the oversight
19 of the Commission, and in light of our commitments
20 around use of competitive procurement processes.

21 So, Commissioners, with that, we will
22 close our comments, and we are certainly glad to
23 have the discussion continue.

24 COMMISSIONER CLODFELTER: Thank you,

1 gentlemen, for your presentation. Let me think
2 about this. We've got -- I know I've got a couple
3 of people who have lunch-hour commitments today
4 that I'm aware of, so I'm going to sort of -- I
5 don't really know how many questions Commissioners
6 had, but in light of that, I'm going to go ahead
7 and take our normal lunch break now. It's 12:30.
8 Let's come back at 1:30, and we'll take
9 Commissioner questions on this topic at 1:30.

10 You moved along a lot quicker than I
11 thought you might, so -- but we sort of staked out
12 the ground. We will do the transmission topic on
13 Wednesday, then. So let's come back at 1:30 for
14 the conclusion of the day. Please turn off your
15 video and mute your microphones.

16 (At this time, a recess was taken from
17 12:29 p.m. to 1:31 p.m.)

18 COMMISSIONER CLODFELTER: Thank you all,
19 and let's come back to order. We'll start off and
20 see -- Mr. Jirak, I think you completed the
21 presentation, so we will start off and see if
22 Commission staff have questions they want to
23 direct.

24 MR. McDOWELL: Commissioner Clodfelter,

1 this is Steve McDowell. I do not have any
2 questions for this panel.

3 COMMISSIONER CLODFELTER: Okay.

4 Ms. Jones?

5 (No response.)

6 COMMISSIONER CLODFELTER: All right. I
7 don't hear Ms. Jones. I'm gonna take a slightly
8 different order here and, sort of, use the
9 presiding commissioner's prerogative, and I want to
10 start off with what I'd consider a framing
11 question, because it may then help us sort of focus
12 some of our other questions that we have for you.
13 And really, it's an open question, Mr. Brown, to
14 you or Mr. Snider both.

15 As I listened to your presentation and
16 tried to think back through the presentations by
17 the other participants, it seemed to me that the
18 point of difference between your position and their
19 position is not so much over the issue of
20 multi-sourcing our competitive procurements, but
21 the difference seems to lie in a different aspect
22 of the issue, and that is the real definition of
23 the need that you are seeking to procure.

24 And as I characterize it, as I hear

1 it -- and I want you to comment on this to see if
2 you think I've got the differences in the positions
3 correct. As I hear it, you are defining need in a
4 more discrete, componentized way and looking at
5 procurements relative to components or elements of
6 need, and what I hear the other parties advocating
7 for is that we should define what they call
8 total-system need, and then you should seek
9 procurement of a portfolio of resources that, in
10 the aggregate, will satisfy that total-system need.

11 Now, have I got the difference in the
12 two positions correct?

13 MR. BROWN: I'm gonna ask Mr. Snider,
14 actually, to take the first stab at that, if that's
15 okay.

16 MR. SNIDER: Certainly. And it's a good
17 question, Commissioner. I mean, I think what
18 you're hitting on there is exactly correct, which
19 is how do you define need. And what we're seeing
20 across the country is there are buckets of need.
21 There isn't -- one need doesn't fit all, right?
22 And so from a -- and it's not a -- that need
23 definition, it's almost a continuum, rather than
24 discrete admissions, per se.

1 So I will give a quick example just to
2 make sure, you know, using Mr. Jirak's -- you know,
3 you have, sort of, extremes. On one extreme, you
4 can define a need as a specific resource, like just
5 solar. That's all we want in this RFP. Or just
6 CTs. So you are resource-specific, single-source
7 resource, and your IRP defines how much of each
8 resource type you want. That would be the most
9 specific -- your definition of just, hey, there is
10 a general system need, let everybody bid in and
11 then figure it out after the fact is sort of the
12 left side of that equation. I think the middle
13 ground that we're seeing others adopt says, I have
14 so much need for capacity resources, and I'm going
15 to define those in a certain manner. So, for
16 example, resources that are available, you know,
17 over the winter-peak period of four hours. I have
18 so much need for renewable resources, and that can
19 be any -- or carbon-free resources, so that could
20 be wind and solar, it could be hydro, it could be,
21 when it becomes available, offshore wind or small
22 modular.

23 And so I think, in that continuum, where
24 the Company is advocating is defining your need

1 types by, more like, the capacity, the renewable
2 energy, you know, the volumes and the timing of
3 those, specifically from the IRP process. So the
4 IRP identifies, as I said in my original
5 presentation, the -- what amount is needed. Not
6 the specific resource, but what amount of capacity
7 is needed to replace a coal plant. What amount of
8 carbon-free energy makes sense at a given point in
9 time. And you go to the market and see all the
10 resources that can meet that specific need type.
11 And I think we keep that around the country, is
12 nobody is really doing the -- you know, you look to
13 the IRP for the timing and the amount of the
14 different types of needs. You don't just say throw
15 open the doors and let anything bid at any point in
16 time.

17 COMMISSIONER CLODFELTER: Well, I
18 appreciate that, but let me press you a little bit
19 on that. So as I understand what -- the key thing
20 that the advocates of the other position are saying
21 is that we should define the system need in an
22 aggregate manner. Say this is your expected load,
23 and this is how you will experience that load in a
24 granular fashion over the course of the year. So

1 it takes into account not just the total capacity
2 or the total energy, but also how that is -- has to
3 be served over the course of the year. Aggregate
4 system load. And what I understand the advocates
5 to be saying is that, if you procure based upon
6 assembling a portfolio that satisfies that
7 aggregate need, including the way the load is
8 experienced over the course of the year, you may
9 pick up some synergies among different types of
10 resources, different categories of resources, that
11 you will miss those synergies and opportunities for
12 cost reduction if you simply seek a capacity need
13 and then separately seek an energy need and then
14 separately seek a carbon-free need. If you
15 procured in those discrete silos, you may miss the
16 opportunity for cost savings and synergies across
17 those. That's what I understand the advocates to
18 be saying, and I would like to hear you respond to
19 that.

20 MR. SNIDER: Right. And I think, in
21 explaining that, you did a good job of that. There
22 is that crossover element. So to the extent you're
23 bidding resources to meet a capacity need, they do
24 have energy benefit, right? So they're gonna --

1 combined cycle or a battery, it's not just meeting
2 that winter need, it's gonna provide energy
3 throughout the year. It's gonna have an
4 implementation process. You're not just giving it
5 the capacity credit, you're recognizing that energy
6 benefit. And so to the extent -- it really comes
7 in to termination. And the same thing with some of
8 the -- perhaps some of the renewable needs. If you
9 have a 50-megawatt solar facility that's bidding in
10 solar, and they happen to put in a 5-megawatt
11 battery, they're gonna have a little bit of value
12 on the capacity side.

13 So there is this crossover that's going
14 to happen that you're going to recognize in the
15 valuation process. And so my way of thinking about
16 it, Commissioner, is if you have a wholistic RFP,
17 you still need to look to the IRP to say what is
18 the primary need and what's the timing and the size
19 of that need while capturing those interactive
20 effects. So to be very clear, energy, as Mr. Brown
21 and I think Mr. Jirak pointed out, energy is an
22 economic decision. We have ample energy on the
23 system, but can I serve it more economically, you
24 know, through a solar procurement, for example, as

1 opposed to running the marginal resource more?

2 That's not a reliability issue.

3 You know, the capacity need is the
4 certainty that you're gonna have adequate
5 reliability throughout the year for your customers.
6 And so you really want to be careful to think about
7 the sizing of the need and the timing of the need
8 relevant to the type of need. And that's where --
9 all we're saying is we think the IRP sets that
10 timing of the need and the size of the need. And
11 then I agree with you, if you're running those RFPs
12 and evaluating them correctly, you are going to
13 give those interactive values. And so you could
14 target the sizing and the timing. When you get all
15 those in, you could say here is the appropriate mix
16 of resources that best meets both my energy and
17 capacity. In both cases you're looking across
18 every hour of the year and the value that's
19 created, but it really, in my mind, comes down to,
20 how do you determine the timing and the size and
21 the type of need. And really you need to look --
22 it's really important to use your robust planning
23 process that has such an incredible amount of
24 stakeholder engagement, regulatory oversight in

1 your IRP where you vet a lot of these issues, in
2 terms of the timing and the size of the need, as
3 well as some of the qualitative considerations.
4 And then, as you execute in the RFP phase,
5 following the identified needs, you will definitely
6 need to look at the best portfolio that comes out
7 of those.

8 As long as you're identifying which
9 types of needs and the timing of the needs in the
10 IRP, I think the RFP process, if structured
11 correctly, will allow that portfolio. And, you
12 know, it will become a -- you know, as more and
13 more resources come into the mix, as Mr. Hinton
14 pointed out, those interactions will become even
15 more important, you know, as you start to look at
16 offshore wind or SMRs or things of that nature.

17 So, yeah, I do think -- I understand
18 your question, and I do think there is that
19 tension, but I really think it comes down to where
20 do you define the amount and the timing, and I
21 think that has to come out, and I think we have
22 seen that in other jurisdictions, is you look to a
23 robust planning process to define that collective
24 system need that you just spoke of, and you put out

1 an RFP that has that volume and timing in mind.

2 MR. BROWN: If I could.

3 COMMISSIONER CLODFELTER: Yes,
4 Mr. Brown. I didn't mean to cut you off.

5 MR. BROWN: Commissioner, yes. I had
6 just one brief comment. I spent a good deal of
7 time trying to understand the process that the
8 intervenors were articulating as their preferred
9 approach. I'm not exactly clear on how it works,
10 to be frank, but the summary that I could -- the
11 elevator summary would be, you'd look at your load,
12 you take away your resources, and then you go to
13 the market to source that load. And what I'm doing
14 with this, if I think about our Carolinas load with
15 a 35-gigawatt peak, I'm not really sure how you're
16 going to go to the market for that with any sort of
17 reasonable results. That's the first thing that
18 sort of hit me on this.

19 And then the second thing was, as
20 Mr. Snider said, is that if you actually look at
21 what Colorado did, as far as I can see, and in
22 analyzing what they have done, they were not
23 disregarding their, what they call, ERP, they were
24 using that as the foundation for the all-source.

1 So even, sort of, the gold standard that's out
2 there on all-source started with an IRP-type
3 process.

4 COMMISSIONER CLODFELTER: Thank you
5 both. That's really helpful. I want to ask you a
6 factual question now, and I just wanted to ask that
7 as a framing question, and then I will go back to
8 the regular order of questioning.

9 Mr. Brown, while I have you, it's a
10 factual question. When Duke Energy Progress went
11 to market in, what was it, 2000-and -- 2018 or --
12 and it got -- I think your slides showed it got 33
13 proposal responses, what was the technology mix
14 among those 33? I know you ended up with a
15 wholesale purchase resource. What was the mix
16 among the 33? What kinds of things did you get in
17 that solicitation?

18 MR. BROWN: I'm actually going to ask
19 Mr. Northrup or Mr. Snider to answer, because they
20 were much closer to the details on that.

21 MR. SNIDER: Maybe I'll frame it as
22 Jim's coming on the screen. I think in that -- if
23 you're talking about the 2018, that was an RFP to
24 replace expiring existing peak generation, right?

1 So we had several contracts that were getting ready
2 to expire that we did not own but purchased, and
3 rather than just extending those without engaging
4 the market, we went out to the marketplace and
5 said, okay, existing generators who we're
6 contracting from, you can bid, and the specific
7 nature of that need was for existing generators
8 that could meet that immediate expiry of those
9 contracts that had similar characteristics.

10 So we received those generators, other
11 competing generators. I believe we had some of the
12 co-generators bid in. We may have had hydro bid in
13 that's existing in the state, but I'm gonna leave
14 it to Mr. Northrup to follow up on the exact mix.
15 But the nature of the RFP, again, was very specific
16 to here's a need and -- you know, at that time, you
17 know, batteries were not mature. We didn't have
18 batteries in the queue. So to Mr. Hinton's point,
19 you know, the number of bidders may grow as the
20 technologies come to fruition, but what is capable
21 of being dispatched to meet a peak need was the
22 nature of the RFP. And, Jim, I don't know if
23 you're -- I'm not seeing your square on my screen,
24 but you can -- I don't know if you could add any

1 further color for the Commissioner.

2 MR. NORTHROP: I can, Glen. You're
3 exactly right. We received hydro bids, we received
4 combined-cycle bids, combustion turbine bids, and
5 system sales from other utilities, and they were
6 both on our system and off our system, and they all
7 had the same characteristics, that they had firm
8 deliverability and reliability. So we did receive
9 a vast assortment of bids. And so it required us
10 to do the analysis and compare and contrast the
11 individual characteristics of each different type
12 of bid to make sure we could secure the capacity
13 needs that we, in fact, need, that you identified
14 in the IRP.

15 COMMISSIONER CLODFELTER: Thank you for
16 that. I just wanted to get more factual detail on
17 that item on that one slide. Let me, then, go back
18 to what I say is the normal order of questioning,
19 and we will go back to Commissioner Brown-Bland.

20 COMMISSIONER BROWN-BLAND: Thank you,
21 Commissioner Clodfelter.

22 Mr. Snider, as much as I have enjoyed
23 our past interchanges, I don't have any questions
24 for you or Mr. Brown.

1 MR. SNIDER: I'm somewhat disappointed,
2 Commissioner.

3 COMMISSIONER CLODFELTER:
4 Commissioner Gray, do you want to take up the
5 slack?

6
7 COMMISSIONER GRAY: No, but I enjoy
8 working with Mr. Snider and all the rest of them
9 too, but no questioning.

10 MR. SNIDER: Thank you,
11 Commissioner Gray.

12 COMMISSIONER CLODFELTER: All right. I
13 will turn to Chair Mitchell.

14 CHAIR MITCHELL: I don't have any
15 questions for y'all at this point in time, but I do
16 thank you for your comments and helping us
17 understand all of these things. I thank you guys
18 very much.

19 MR. SNIDER: Thank you, Chair Mitchell.

20 COMMISSIONER CLODFELTER:
21 Commissioner Duffley?

22 COMMISSIONER DUFFLEY: Thank you all for
23 your presentations. I just have one question, and
24 I don't think there is gonna be an answer, but I'm

1 gonna pose it anyway. And that is, on slide 10,
2 you mentioned offshore wind and advanced nuclear
3 and how to deal with these issues. Because I also
4 heard you state in your presentations that you're
5 committed to this RFP process and becoming more
6 transparent and seeking more types of resources. I
7 mean, that's what I heard. But then, on slide 10,
8 I thought I also heard, but we're not sure what
9 we're gonna do with, you know, offshore wind or
10 advanced nuclear. Because North Carolina has been
11 a state that believes in diversity of resources,
12 right?

13 And so my question is, what are you guys
14 thinking about or what are potential solutions if
15 North Carolina wants these resources? Is it just
16 through the legislative process or are there other
17 options in your mind?

18 MR. BROWN: Mr. Snider, do you want to
19 take it first, and then --

20 MR. SNIDER: Sure. You can followup if
21 you wouldn't mind. So first -- you know, I agree
22 with you that your first thought might be the
23 legislative that has carveouts for emergent
24 resources -- and we have seen that in other

1 jurisdictions, right -- that sort of outline a
2 certain volume with certain conditions to add
3 emergent resources, that clear the path for the
4 utility to make those investments or contract for
5 those resources.

6 Conversely, you know, if they become
7 mature enough, you potentially could have a part of
8 your RFP -- and again, what we have seen, and even
9 in Colorado, was -- you know, there was -- I
10 believe there was a bit of a settlement among
11 stakeholders going into it, in terms of the buckets
12 of types of resources that would then ultimately be
13 filled. And I could be wrong on that, but I'm
14 pretty sure that I saw somewhere that, you know,
15 you settle on that, and so there could be a
16 comprehensive multisource -- some people call it
17 all-source -- RFP that envisions a carveout for a
18 certain number of megawatts of offshore with
19 certain guardrails put on it. So not at any cost,
20 but, you know, certain number of megawatts with
21 cost caps, for example, that would be carved out as
22 part of that process.

23 You know, in limited instances, you
24 know, we may come forward on a smaller number of

1 megawatts with a limited-scale pilot that would
2 allow the utility to get operational experience
3 with certain technologies, subject, again, to
4 certain guardrails. So I think there are multiple
5 avenues. The legislative one is, obviously, the
6 most direct and cleanest. I think, in the context
7 of procurements, if it can be shown that it's
8 generally consistent with the IRP, you could have a
9 carveout for a certain amount, or you could do
10 pilots -- the three things that come to mind as
11 three different avenues for getting these longer
12 duration in. And, Mr. Brown, I don't know if you'd
13 like to add to that comment.

14 MR. BROWN: Yes. Thank you. I will add
15 that, especially with something like offshore wind,
16 it is hard to envision a project of that magnitude
17 and the investment of that magnitude, and how long
18 it takes to be feasible, without real strong policy
19 support, simply because it would be too risky for a
20 developer to try to make that kind of investment, I
21 believe. At least the players in the game today.
22 That may change if -- you know, if there are other
23 market participants. I'm thinking about, for
24 example, a major oil company who may be willing to

1 risk billions of dollars in the hope that they will
2 have an offtake. Maybe they'd have the stomach for
3 something like that, but otherwise, I think,
4 Commissioner, it would be hard to do without
5 policy.

6 COMMISSIONER DUFFLEY: Okay. Thank you
7 for that. I don't have anything further. Thank
8 you for your presentations today.

9 MR. McDOWELL: Commissioner Clodfelter?

10 COMMISSIONER CLODFELTER: Yes.

11 MR. McDOWELL: This is Steve. I do have
12 a question that I told you I wasn't going to ask,
13 but it kind of plays off of Commissioner Duffley's
14 inquiry there.

15 COMMISSIONER CLODFELTER: I know the
16 question. We discussed the question. Go ahead and
17 ask it.

18 MR. McDOWELL: So you're comfortable
19 with the question? It does play off of what
20 Commissioner Duffley was just saying. I remember
21 Glen speaking -- or making a statement, talking
22 about making room, and I think he was talking about
23 making room for nascent technologies and things to
24 happen in the future, right? And I think that's

1 partly what Commissioner Duffley was exploring
2 there. What do you do about these things? SMRs
3 and whatever. And, obviously, you address that
4 somewhat in your IRP, but certainly, when you get
5 to the point of working to secure resources, there
6 is some opportunities there.

7 The thing is, you have resource needs
8 ahead of the maturing of some of these
9 technologies. So what do you do? And so some of
10 what's been discussed in -- both today and in other
11 exercises is stranding of assets, because as other
12 things happen, you know, you may would have made a
13 different decision if you could have waited. And I
14 think that's partly what Glen was saying. How do
15 you make room for those, realizing they are a
16 little bit further down the path, you know? And as
17 we talked about this RFP process, or all-source, or
18 whatever you want to describe, we've established
19 that the assumptions are extremely important on the
20 front end -- I think we all agree with that -- and
21 consistent with your needs.

22 We talked about needs in terms of
23 capacity and fuel supply and all these kind of
24 things, but part of those needs could be something

1 not so specific. Even the desire to make room for
2 nascent technologies, which kind of gets me to this
3 point of, well, should asset lives be considered in
4 that. So if you're exploring a resource need and
5 you're putting together something specific of
6 the -- of what you're gonna consider in the RFP or
7 the all-source procurement, maybe asset lives is
8 one way that you build some room for that. So
9 rather than this long-lived asset, you pursue some
10 resources that will provide for your short-term
11 needs but maybe build a bridge to some of these
12 technologies.

13 So can you kind of -- I don't know if
14 it's clear or not, but can you speak to that?

15 MR. SNIDER: Yeah, Steve, I can. I
16 mean, I definitely understand the concept here, and
17 one thing -- maybe the one thing that does come to
18 mind -- because I have given this a bit of
19 thought -- was, it's back to, you know, a series of
20 comments made. First, there is 35,000-plus
21 megawatts on the system. They range from
22 100-year-old hydro plants to solar plants that went
23 in last year. So you have -- the system didn't
24 evolve overnight, and it's going to retire not all

1 of it overnight.

2 So when you think about room for
3 hydrogen or offshore wind, we really need to think
4 beyond just retiring coal assets. By the time I
5 get to the 2030s, I'm gonna have a bunch of natural
6 gas generators that went in in the late '90s and
7 early 2000s that will be 35 years old. So they are
8 going to be approaching the end of their useful
9 lives, and that will create additional need and
10 room for -- and that's a broad term, and I use it a
11 little bit loosely in this context -- but room for
12 new technologies to fill a future need that we're
13 really not talking about today.

14 You know, but 10 years from now we're
15 probably not going to be talking about just coal
16 retiring, we're gonna be talking about 30-,
17 35-year-old, you know, gas plants that -- so there
18 is this evolution. I almost think about it in
19 tranches by decades. You know, this decade, by
20 2030, '31, '32, how do we systematically, and in a
21 manner that's good for customers, transition away
22 from coal? The following decade may be, how do we
23 transition away from older gas units, older oil
24 units, potentially older units from all of our

1 asset classes, right? We have 100-year-old hydro.
2 We will have at that time maybe some of our
3 first-generation solar that is 20 years old or
4 some -- so there is other assets that will be
5 retiring in the '30s that will create room for us
6 to adopt the emergent technologies that are coming
7 into fruition. So you really have to zoom out even
8 beyond the IRP to a longer, you know, multiple
9 generational sort of decade by decade and remind
10 yourself that there are other things that will be
11 retiring. And that's the way I sort of think about
12 it.

13 And yes, to the extent you can find or
14 think about the useful life of the procurements you
15 are doing today, having a blend of those so that
16 everything is being procured, maybe there is a mix
17 of some procurements that are -- again, a 10- or
18 15-year PPA or a shorter-useful-life asset, blended
19 with some longer-life assets, that diversification
20 of life, just like diversification of asset type
21 and asset ownership, provides that broad
22 diversification for customers that I think will be
23 beneficial. So I don't know if that broader
24 narrative helped in your --

1 MR. McDOWELL: It does. I appreciate
2 that, because you used the word "systematic," and
3 the fact is that, as you continue down this path,
4 periodically you're gonna have needs -- different
5 resource needs, and depending on what aged or
6 what's coming in, what new technologies are
7 available, it just strikes me that you have
8 opportunities just building up across time where
9 something like an all-source procurement allows you
10 to look at what your needs are. If it's a capacity
11 need or there is an energy need associated with
12 that, or it's a carbon theme because of this
13 legislation or, you know, some of these ancillary
14 services or whatever, as you go across time,
15 systematically, you build on your experiences and
16 your ability to exercise that. And I, kind of,
17 read somewhat that's kind of where Colorado may be
18 going, in that they have postured themselves to do
19 periodic all-source procurement, and it recognizes
20 a different resource need. I think that did help.

21 MR. SNIDER: That's right. And that
22 plays into a couple of the Commissioners'
23 questions. That's why you're not securing all
24 15 years, right?

1 MR. McDOWELL: Right, exactly.

2 MR. SNIDER: Whether it's capacity or
3 energy, you still have to -- or how you define it,
4 whether it's the big system, it's for how long and
5 how much. I don't care how you define your
6 buckets, are you talking I'm gonna try and procure
7 everything 20 years forward? You know, probably
8 not. So doing systematic resource plan updates and
9 procurements that are meeting those more immediate
10 needs, and then recognizing that those needs are
11 gonna change over time, as are the technologies
12 that will be available to fill those future needs.

13 Mr. Brown pointed out we didn't think
14 batteries 10 years ago. Ten years from now, who
15 knows what we will be talking about that we didn't
16 think about in 2021. So you are systematically
17 doing this, you know, through a process. And I
18 think we agree. This is where we have an area of
19 agreement with many of the presenters on this.
20 This isn't a one-time one-and-done. This will be
21 successive procurements throughout time.

22 MR. McDOWELL: And the resources that
23 are evaluated may be infrastructure, may be in
24 distribution, may be in transmission, may be in

1 energy efficiency demand-side-type resources,
2 generating resources, et cetera. Just all that
3 evolves over time. Your system evolves over time.
4 Not just retiring generating assets, but the whole
5 infrastructure. And I think that's partly what
6 maybe Commissioner Clodfelter was looking at, in
7 terms of this whole system, but at every point
8 where you stop to evaluate that what your needs
9 are, they are gonna look different than what they
10 were four years earlier, based on technological
11 changes and retirements, et cetera. I guess I'm
12 stating that correctly.

13 MR. SNIDER: That's right. I think we
14 have more alignment than we may think in that
15 across -- across stakeholders.

16 MR. McDOWELL: Thanks. That's all I
17 have, Commissioner. I just wanted to play off
18 Commissioner Duffley's question there.

19 COMMISSIONER CLODFELTER: Good. I think
20 that was helpful.

21 So we'll turn to Commissioner Hughes.

22 COMMISSIONER HUGHES: Thanks. I don't
23 have any questions.

24 COMMISSIONER CLODFELTER: All right.

1 Commissioner McKissick?

2 COMMISSIONER MCKISSICK: I found the
3 presentations to be interesting, intriguing, and
4 provided great information. It looks like there is
5 this distinction about statutory authority as well
6 as perhaps timing and mix, but I think these are
7 all issues that we, as Commissioners, need to give
8 some thoughtful deliberations. I appreciate the
9 expertise that each of the panelists have brought
10 to the table. Thank you.

11 COMMISSIONER CLODFELTER: Okay. I think
12 that may wrap us up on this topic, Mr. Jirak,
13 unless there is something else from Duke.

14 MR. JIRAK: Nothing else from us. Thank
15 you very much, Commissioner Clodfelter.

16 COMMISSIONER CLODFELTER: Okay, good.

17 MR. JIMENEZ: Commissioner Clodfelter,
18 Nick Jimenez with the Southern Environmental Law
19 Center. If I could offer something very brief.

20 COMMISSIONER CLODFELTER: I'm sorry. I
21 can't hear you.

22 MR. JIMENEZ: If I could offer something
23 very brief.

24 COMMISSIONER CLODFELTER: Very brief.

1 MR. JIMENEZ: Yes. In response to
2 Chair Mitchell's question and
3 Commissioner McKissick's question about authority,
4 we will be happy to offer briefing on that issue if
5 the Commission would like it.

6 COMMISSIONER CLODFELTER: As I indicated
7 before we broke for lunch, I think if the
8 Commission wants to explore further some of these
9 topics, we very likely would probably request that.
10 Let's hold on that for now. I don't want anyone
11 to, sort of, do any unnecessary work, so let's just
12 hold on that, and we'll see what direction
13 Commission wants to pursue, and we'll solicit it if
14 we think we need it.

15 MR. JIMENEZ: Thank you.

16 COMMISSIONER CLODFELTER: Okay. We had
17 decided to carry over, then, to Wednesday the
18 transmission topic. Let me just say by way of
19 wrapping up the afternoon, I have sort of talked to
20 quite a number of my colleagues and several others
21 of you who have been following this, and I think we
22 all agree that what we -- the presentations that we
23 have heard and the format that we have been using
24 here has been very, very valuable for all of us.

1 The presentations have been uniformly high quality
2 and very helpful for the Commission in
3 understanding some of the information that's been
4 filed in the docket. We greatly appreciate the
5 work that all of you have put into these
6 presentations so far, and so that's the challenge
7 for Wednesday as we expect equally high or better
8 quality when we come back on Wednesday.

9 And so we will be back on Wednesday
10 morning at 9 a.m. And we'll try to conclude if we
11 can conclude by noon, but certainly not very long
12 after noon if at all. So thank you-all. Everybody
13 have a good weekend. We are done for the day.

14 (The technical conference was
15 adjourned at 2:06 p.m. and set to
16 reconvene at 9:00 a.m. on Wednesday,
17 October 6, 2021.)
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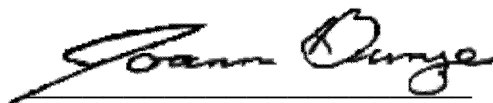
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CERTIFICATE OF REPORTER

STATE OF NORTH CAROLINA)
COUNTY OF WAKE)

I, Joann Bunze, RPR, the officer before whom the foregoing technical conference was taken, do hereby certify that the proceedings were taken down by me to the best of my ability and thereafter reduced to typewriting under my direction; that I am neither counsel for, related to, nor employed by any of the parties to the action in which this hearing was taken, and further that I am not a relative or employee of any attorney or counsel employed by the parties thereto, nor financially or otherwise interested in the outcome of the action.

This the 12th day of October, 2021.



JOANN BUNZE, RPR

Notary Public #200707300112