



NORTH CAROLINA PUBLIC STAFF UTILITIES COMMISSION

June 10, 2016

Ms. Gail L. Mount, Chief Clerk North Carolina Utilities Commission 4325 Mail Service Center Raleigh, North Carolina 27699-4300

Re: Docket Nos. E-2, Sub 1095, E-7, Sub 1100, and G-9, Sub 682 Duke-Piedmont Merger Application

Dear Ms. Mount:

In connection with the above-referenced dockets, I transmit herewith for filing the testimony of James G. Hoard, Director of the Accounting Division of the Public Staff.

By copy of this letter, I am forwarding a copy of the above to all parties of record.

Yours very truly,

<u>Electronically submitted</u> /s/ Antoinette R. Wike Chief Counsel antoinette.wike@psncuc.nc.gov

ARW/bll Enclosures c: Parties of Record

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PUBLIC STAFF – NORTH CAROLINA UTILITIES COMMISSION DIRECT TESTIMONY OF JAMES G. HOARD BEFORE THE NORTH CAROLINA UTILITIES COMMISSION DOCKET NOS. E-2, SUB 1095, E-7, SUB 1100, AND G-9, SUB 682 June 10, 2016

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

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

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

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

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

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

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

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

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

18 Q. PLEASE DESCRIBE THE PROPOSED TRANSACTION.

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

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

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

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

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

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

the next five years, or approximately \$3.6 million per year. The
 Stipulating Parties have agreed Piedmont will withdraw that request
 for deferral accounting.

In addition, the Stipulating Parties have agreed that Piedmont will
commit to credit its North Carolina Integrity Management Deferred
Account (IM Deferred Account) a total of \$10 million to its North
Carolina customers, \$5 million per year for the first two years
following the close of the Merger. The credits recorded in the IM
Deferred Account reduce the amount that ratepayers will pay related
to Piedmont's Integrity Management Rider by \$10 million.

To avoid potential double-counting of Merger-related cost savings,³ 11 the Stipulating Parties have agreed that in the event of a Piedmont 12 13 general rate case with rates effective no more than two years from the Merger close, (1) Piedmont reserves the right to reflect an 14 15 adjustment in the general rate case that would increase its revenue 16 requirement for a portion of the \$10 million in savings that Piedmont has agreed to credit to its IM Deferred Account and (2) should 17 Piedmont exercise its right to reflect such an adjustment, the Public 18 19 Staff reserves the right to incorporate the effect of additional Merger-20 related savings in its proposed revenue requirement calculation.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- 15 Q. PLEASE DESCRIBE THE PURPOSE OF AFFILIATED16 TRANSACTION RULES.
- A. Affiliated transactions rules, such as those set forth in the current
 Regulatory Conditions and Code of Conduct of DEC and DEP
 approved by the Commission in the Duke-Progress Merger Order,⁶
 are designed to: (1) fairly allocate the cost of common goods and

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

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

22 Q. PLEASE DESCRIBE PROPOSED NEW REGULATORY23 CONDITIONS AND CODE OF CONDUCT PROVISIONS THAT

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

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

12 Priority of Natural Gas Service for Electric Generation

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

18 Separation of Gas and Electric Operations and Potential

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 Discrimination Against Gas-fired Non-utility Electric Generators
- 20 <u>Regulatory Conditions Section XV Procedures for Determining</u>
- 21 <u>Long-term Sources of Pipeline Capacity and Supply</u>

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

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

and DEP on the basis of the benefits and costs of such source(s)

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

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

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

ansactions,

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

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

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

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

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

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

8 Natural Gas – Electricity Competition

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

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

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

- In determining where and when to extend the availability of
 natural gas, Piedmont will make decisions in accordance with
 the best interests of Piedmont, rather than the best interest of
 DEC or DEP.
- 5 4. To the extent that either the natural gas industry or the 6 electricity industry is further restructured, DEC, DEP, and 7 Piedmont will undertake to maintain the full level of 8 competition intended by this Code of Conduct subject to the 9 right of DEC, DEP, Piedmont or the Public Staff to seek relief 10 from or modifications to this requirement by the Commission.
- 11 Q. IN THE PUBLIC STAFF'S OPINION, DO THE NEW AFFILIATE
 12 TRANSACTION RULES INCORPORATE REFINEMENTS THAT
 13 WILL APPROPRIATELY ADDRESS THE POTENTIAL ISSUES
 14 RAISED BY THE MERGER?
- 15 A. Yes.
- 16 Q. WHAT IS THE PUBLIC STAFF'S RECOMMENDATION WITH17 REGARD TO THE PROPOSED MERGER?
- A. The Public Staff recommends that the proposed Merger of Duke
 Energy and Piedmont be approved, subject to the provisions of the
 Stipulation and the agreed upon Regulatory Conditions.
- 21 Q. DOES THIS CONCLUDE YOUR TESTIMONY?
- 22 A. Yes.