| THIS FILING IS | | | | |
|--|--------------------|--|--|--|
| Item 1: X An Initial (Original) Submission | OR Resubmission No | | | |

Form 1 Approved OMB No.1902-0021 (Expires 12/31/2019) Form 1-F Approved OMB No.1902-0029 (Expires 12/31/2019) Form 3-Q Approved OMB No.1902-0205 (Expires 12/31/2019)



FERC FINANCIAL REPORT FERC FORM No. 1: Annual Report of Major Electric Utilities, Licensees and Others and Supplemental Form 3-Q: Quarterly Financial Report

These reports are mandatory under the Federal Power Act, Sections 3, 4(a), 304 and 309, and 18 CFR 141.1 and 141.400. Failure to report may result in criminal fines, civil penalties and other sanctions as provided by law. The Federal Energy Regulatory Commission does not consider these reports to be of confidential nature

Exact Legal Name of Respondent (Company)

Duke Energy Carolinas, LLC

Year/Period of Report

End of <u>2016/Q4</u>

INSTRUCTIONS FOR FILING FERC FORM NOS. 1 and 3-Q

GENERAL INFORMATION

I. Purpose

FERC Form No. 1 (FERC Form 1) is an annual regulatory requirement for Major electric utilities, licensees and others (18 C.F.R. § 141.1). FERC Form No. 3-Q (FERC Form 3-Q) is a quarterly regulatory requirement which supplements the annual financial reporting requirement (18 C.F.R. § 141.400). These reports are designed to collect financial and operational information from electric utilities, licensees and others subject to the jurisdiction of the Federal Energy Regulatory Commission. These reports are also considered to be non-confidential public use forms.

II. Who Must Submit

Each Major electric utility, licensee, or other, as classified in the Commission's Uniform System of Accounts Prescribed for Public Utilities and Licensees Subject To the Provisions of The Federal Power Act (18 C.F.R. Part 101), must submit FERC Form 1 (18 C.F.R. § 141.1), and FERC Form 3-Q (18 C.F.R. § 141.400).

Note: Major means having, in each of the three previous calendar years, sales or transmission service that exceeds one of the following:

- (1) one million megawatt hours of total annual sales,
- (2) 100 megawatt hours of annual sales for resale,
- (3) 500 megawatt hours of annual power exchanges delivered, or
- (4) 500 megawatt hours of annual wheeling for others (deliveries plus losses).

III. What and Where to Submit

- (a) Submit FERC Forms 1 and 3-Q electronically through the forms submission software. Retain one copy of each report for your files. Any electronic submission must be created by using the forms submission software provided free by the Commission at its web site: http://www.ferc.gov/docs-filing/forms/form-1/elec-subm-soft.asp. The software is used to submit the electronic filing to the Commission via the Internet.
- (b) The Corporate Officer Certification must be submitted electronically as part of the FERC Forms 1 and 3-Q filings.
- (c) Submit immediately upon publication, by either eFiling or mail, two (2) copies to the Secretary of the Commission, the latest Annual Report to Stockholders. Unless eFiling the Annual Report to Stockholders, mail the stockholders report to the Secretary of the Commission at:

Secretary Federal Energy Regulatory Commission 888 First Street, NE Washington, DC 20426

(d) For the CPA Certification Statement, submit within 30 days after filing the FERC Form 1, a letter or report (not applicable to filers classified as Class C or Class D prior to January 1, 1984). The CPA Certification Statement can be either eFiled or mailed to the Secretary of the Commission at the address above.

The CPA Certification Statement should:

- a) Attest to the conformity, in all material aspects, of the below listed (schedules and pages) with the Commission's applicable Uniform System of Accounts (including applicable notes relating thereto and the Chief Accountant's published accounting releases), and
- b) Be signed by independent certified public accountants or an independent licensed public accountant certified or licensed by a regulatory authority of a State or other political subdivision of the U. S. (See 18 C.F.R. §§ 41.10-41.12 for specific qualifications.)

| Reference Schedules | <u>Pages</u> |
|--------------------------------|--------------|
| Comparative Balance Sheet | 110-113 |
| Statement of Income | 114-117 |
| Statement of Retained Earnings | 118-119 |
| Statement of Cash Flows | 120-121 |
| Notes to Financial Statements | 122-123 |

e) The following format must be used for the CPA Certification Statement unless unusual circumstances or conditions, explained in the letter or report, demand that it be varied. Insert parenthetical phrases only when exceptions are reported.

"In connection with our regular examination of the financial statements of _____ for the year ended on which we have reported separately under date of _____ , we have also reviewed schedules ____ of FERC Form No. 1 for the year filed with the Federal Energy Regulatory Commission, for conformity in all material respects with the requirements of the Federal Energy Regulatory Commission as set forth in its applicable Uniform System of Accounts and published accounting releases. Our review for this purpose included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

Based on our review, in our opinion the accompanying schedules identified in the preceding paragraph (except as noted below) conform in all material respects with the accounting requirements of the Federal Energy Regulatory Commission as set forth in its applicable Uniform System of Accounts and published accounting releases."

The letter or report must state which, if any, of the pages above do not conform to the Commission's requirements. Describe the discrepancies that exist.

- (f) Filers are encouraged to file their Annual Report to Stockholders, and the CPA Certification Statement using eFiling. To further that effort, new selections, "Annual Report to Stockholders," and "CPA Certification Statement" have been added to the dropdown "pick list" from which companies must choose when eFiling. Further instructions are found on the Commission's website at http://www.ferc.gov/help/how-to.asp.
- (g) Federal, State and Local Governments and other authorized users may obtain additional blank copies of FERC Form 1 and 3-Q free of charge from http://www.ferc.gov/docs-filing/forms/form-1/form-1.pdf and http://www.ferc.gov/docs-filing/forms.asp#3Q-qas.

IV. When to Submit:

FERC Forms 1 and 3-Q must be filed by the following schedule:

- a) FERC Form 1 for each year ending December 31 must be filed by April 18th of the following year (18 CFR § 141.1), and
- b) FERC Form 3-Q for each calendar quarter must be filed within 60 days after the reporting quarter (18 C.F.R. § 141.400).

V. Where to Send Comments on Public Reporting Burden.

The public reporting burden for the FERC Form 1 collection of information is estimated to average 1,144 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data-needed, and completing and reviewing the collection of information. The public reporting burden for the FERC Form 3-Q collection of information is estimated to average 150 hours per response.

Send comments regarding these burden estimates or any aspect of these collections of information, including suggestions for reducing burden, to the Federal Energy Regulatory Commission, 888 First Street NE, Washington, DC 20426 (Attention: Information Clearance Officer); and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503 (Attention: Desk Officer for the Federal Energy Regulatory Commission). No person shall be subject to any penalty if any collection of information does not display a valid control number (44 U.S.C. § 3512 (a)).

GENERAL INSTRUCTIONS

Prepare this report in conformity with the Uniform System of Accounts (18 CFR Part 101) (USofA). Interpret

II. Enter in whole numbers (dollars or MWH) only, except where otherwise noted, (Enter cents for averages and

all accounting words and phrases in accordance with the USofA.

- figures per unit where cents are important. The truncating of cents is allowed except on the four basic financial statements where rounding is required.) The amounts shown on all supporting pages must agree with the amounts entered on the statements that they support. When applying thresholds to determine significance for reporting purposes, use for balance sheet accounts the balances at the end of the current reporting period, and use for statement of income accounts the current year's year to date amounts.
- Complete each question fully and accurately, even if it has been answered in a previous report. Enter the word "None" where it truly and completely states the fact.
- For any page(s) that is not applicable to the respondent, omit the page(s) and enter "NA," "NONE," or "Not Applicable" in column (d) on the List of Schedules, pages 2 and 3.
- V. Enter the month, day, and year for all dates. Use customary abbreviations. The "Date of Report" included in the header of each page is to be completed only for resubmissions (see VII. below).
- VI. Generally, except for certain schedules, all numbers, whether they are expected to be debits or credits, must be reported as positive. Numbers having a sign that is different from the expected sign must be reported by enclosing the numbers in parentheses.
- For any resubmissions, submit the electronic filing using the form submission software only. Please explain VII the reason for the resubmission in a footnote to the data field.
- VIII. Do not make references to reports of previous periods/years or to other reports in lieu of required entries, except as specifically authorized.
- IX. Wherever (schedule) pages refer to figures from a previous period/year, the figures reported must be based upon those shown by the report of the previous period/year, or an appropriate explanation given as to why the different figures were used.

Definitions for statistical classifications used for completing schedules for transmission system reporting are as follows:

- FNS Firm Network Transmission Service for Self. "Firm" means service that can not be interrupted for economic reasons and is intended to remain reliable even under adverse conditions. "Network Service" is Network Transmission Service as described in Order No. 888 and the Open Access Transmission Tariff. "Self" means the respondent.
- FNO Firm Network Service for Others, "Firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions. "Network Service" is Network Transmission Service as described in Order No. 888 and the Open Access Transmission Tariff.
- LFP for Long-Term Firm Point-to-Point Transmission Reservations. "Long-Term" means one year or longer and" firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions. "Point-to-Point Transmission Reservations" are described in Order No. 888 and the Open Access Transmission Tariff. For all transactions identified as LFP, provide in a footnote the

termination date of the contract defined as the earliest date either buyer or seller can unilaterally cancel the contract.

- OLF Other Long-Term Firm Transmission Service. Report service provided under contracts which do not conform to the terms of the Open Access Transmission Tariff. "Long-Term" means one year or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions. For all transactions identified as OLF, provide in a footnote the termination date of the contract defined as the earliest date either buyer or seller can unilaterally get out of the contract.
- SFP Short-Term Firm Point-to-Point Transmission Reservations. Use this classification for all firm point-to-point transmission reservations, where the duration of each period of reservation is less than one-year.
- NF Non-Firm Transmission Service, where firm means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions.
- OS Other Transmission Service. Use this classification only for those services which can not be placed in the above-mentioned classifications, such as all other service regardless of the length of the contract and service FERC Form. Describe the type of service in a footnote for each entry.
- AD Out-of-Period Adjustments. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting periods. Provide an explanation in a footnote for each adjustment.

DEFINITIONS

- I. Commission Authorization (Comm. Auth.) -- The authorization of the Federal Energy Regulatory Commission, or any other Commission. Name the commission whose authorization was obtained and give date of the authorization.
- II. Respondent -- The person, corporation, licensee, agency, authority, or other Legal entity or instrumentality in whose behalf the report is made.

EXCERPTS FROM THE LAW

Federal Power Act, 16 U.S.C. § 791a-825r

- Sec. 3. The words defined in this section shall have the following meanings for purposes of this Act, to with:
- (3) 'Corporation' means any corporation, joint-stock company, partnership, association, business trust, organized group of persons, whether incorporated or not, or a receiver or receivers, trustee or trustees of any of the foregoing. It shall not include 'municipalities, as hereinafter defined;
 - (4) 'Person' means an individual or a corporation:
- (5) 'Licensee, means any person, State, or municipality Licensed under the provisions of section 4 of this Act, and any assignee or successor in interest thereof;
- (7) 'municipality means a city, county, irrigation district, drainage district, or other political subdivision or agency of a State competent under the Laws thereof to carry and the business of developing, transmitting, unitizing, or distributing power;
- (11) "project' means. a complete unit of improvement or development, consisting of a power house, all water conduits, all dams and appurtenant works and structures (including navigation structures) which are a part of said unit, and all storage, diverting, or fore bay reservoirs directly connected therewith, the primary line or lines transmitting power there from to the point of junction with the distribution system or with the interconnected primary transmission system, all miscellaneous structures used and useful in connection with said unit or any part thereof, and all water rights, rights-of-way, ditches, dams, reservoirs, Lands, or interest in Lands the use and occupancy of which are necessary or appropriate in the maintenance and operation of such unit;
- "Sec. 4. The Commission is hereby authorized and empowered
- (a) To make investigations and to collect and record data concerning the utilization of the water 'resources of any region to be developed, the water-power industry and its relation to other industries and to interstate or foreign commerce, and concerning the location, capacity, development -costs, and relation to markets of power sites; ... to the extent the Commission may deem necessary or useful for the purposes of this Act."
- "Sec. 304. (a) Every Licensee and every public utility shall file with the Commission such annual and other periodic or special* reports as the Commission may be rules and regulations or other prescribe as necessary or appropriate to assist the Commission in the -proper administration of this Act. The Commission may prescribe the manner and FERC Form in which such reports salt be made, and require from such persons specific answers to all questions upon which the Commission may need information. The Commission may require that such reports shall include, among other things, full information as to assets and Liabilities, capitalization, net investment, and reduction thereof, gross receipts, interest due and paid, depreciation, and other reserves, cost of project and other facilities, cost of maintenance and operation of the project and other facilities, cost of renewals and replacement of the project works and other facilities, depreciation, generation, transmission, distribution, delivery, use, and sale of electric energy. The Commission may require any such person to make adequate provision for currently determining such costs and other facts. Such reports shall be made under oath unless the Commission otherwise specifies*.10

"Sec. 309. The Commission shall have power to perform any and all acts, and to prescribe, issue, make, and rescind such orders, rules and regulations as it may find necessary or appropriate to carry out the provisions of this Act. Among other things, such rules and regulations may define accounting, technical, and trade terms used in this Act; and may prescribe the FERC Form or FERC Forms of all statements, declarations, applications, and reports to be filed with the Commission, the information which they shall contain, and the time within which they shall be field..."

General Penalties

The Commission may assess up to \$1 million per day per violation of its rules and regulations. *See* FPA § 316(a) (2005), 16 U.S.C. § 825o(a).

FERC FORM NO. 1/3-Q: REPORT OF MAJOR ELECTRIC UTILITIES, LICENSEES AND OTHER

| IDENTIFICATION | | | | | | | |
|---|--|---------------------------------------|-------------------------|-------------------|--|--|--|
| 01 Exact Legal Name of Respondent | | | 02 Year/Perio | od of Report | | | |
| Duke Energy Carolinas, LLC | | | End of | 2016/Q4 | | | |
| 03 Previous Name and Date of Change (if name changed during year) | | | | | | | |
| (go . | gg, | | 11 | | | | |
| 04 Address of Principal Office at End of Pe | riod (Street City State Zin C | ode) | | | | | |
| | | oue) | | | | | |
| 550 South Tryon Street, Charlotte, NC 2 | 20202 | | 00 T'' | Б. | | | |
| 05 Name of Contact Person Jennifer lannotti | | | 06 Title of Contact | Person | | | |
| Jennifer lannotti Analyst | | | | | | | |
| 07 Address of Contact Person (Street, City | | | | | | | |
| 550 South Tryon Steet, Charlotte, NC 2 | 8202 | | | | | | |
| 08 Telephone of Contact Person, Including | 09 This Report Is | | | 10 Date of Report | | | |
| Area Code | |) \square AR | esubmission | (Mo, Da, Yr) | | | |
| (704) 382-8029 | | <i>,</i> \square \wedge \square | Coddinioolon | 04/13/2017 | | | |
| · · · · | INNUAL CORPORATE OFFICER CE | FRTIFICATI | ON | | | | |
| The undersigned officer certifies that: | MINOAL COM CHAIL OF FICER CL | | | | | | |
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| I have examined this report and to the best of my kno of the business affairs of the respondent and the finar respects to the Uniform System of Accounts. | | | | | | | |
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| 01 Name | 03 Signature | | | 04 Date Signed | | | |
| William E. Currens, Jr. | | | | (Mo, Da, Yr) | | | |
| 02 Title SVP, Chief Accounting Off and Contr | William E. Currens, Jr. | | | 04/13/2017 | | | |
| Title 18, U.S.C. 1001 makes it a crime for any persor | ı ı to knowingly and willingly to make to | o any Agend | cy or Department of the | | | | |
| false, fictitious or fraudulent statements as to any ma | | , 0 | | · | | | |
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| | e of Respondent Energy Carolinas, LLC | This Report Is: (1) XAn Original (2) A Resubmission | Date of Report (Mo, Da, Yr) 04/13/2017 | Year/Period of Report End of2016/Q4 | | | | |
|-------------|--|---|--|-------------------------------------|--|--|--|--|
| | LIST OF SCHEDULES (Electric Utility) | | | | | | | |
| | Enter in column (c) the terms "none," "not applicable," or "NA," as appropriate, where no information or amounts have been reported for certain pages. Omit pages where the respondents are "none," "not applicable," or "NA". | | | | | | | |
| Line No. | Title of Sched | ule | Reference Page No. | Remarks | | | | |
| 110. | (a) | | (b) | (c) | | | | |
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| 2 | Control Over Respondent | | 102 | | | | | |
| 3 | Corporations Controlled by Respondent | | 103 | | | | | |
| 4 | Officers | | 104 | | | | | |
| 5 | Directors | | 105 | | | | | |
| 6 | Information on Formula Rates | | 106(a)(b) | | | | | |
| 7 | Important Changes During the Year | | 108-109 | | | | | |
| 8 | Comparative Balance Sheet | | 110-113 | | | | | |
| 9 | Statement of Income for the Year | | 114-117 | | | | | |
| 10 | Statement of Retained Earnings for the Year | | 118-119 | | | | | |
| 11 | Statement of Cash Flows | | 120-121 | | | | | |
| 12 | Notes to Financial Statements | | 122-123 | | | | | |
| 13 | Statement of Accum Comp Income, Comp Incom | ne, and Hedging Activities | 122(a)(b) | | | | | |
| 14 | Summary of Utility Plant & Accumulated Provision | ns for Dep, Amort & Dep | 200-201 | | | | | |
| 15 | Nuclear Fuel Materials | | 202-203 | | | | | |
| 16 | Electric Plant in Service | | 204-207 | | | | | |
| 17 | Electric Plant Leased to Others | | 213 | | | | | |
| 18 | Electric Plant Held for Future Use | | 214 | | | | | |
| 19 | Construction Work in Progress-Electric | | 216 | | | | | |
| 20 | Accumulated Provision for Depreciation of Electr | ic Utility Plant | 219 | | | | | |
| 21 | Investment of Subsidiary Companies | | 224-225 | | | | | |
| 22 | Materials and Supplies | | 227 | | | | | |
| 23 | Allowances | | 228(ab)-229(ab) | | | | | |
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| 26 | Transmission Service and Generation Interconne | ection Study Costs | 231 | | | | | |
| 27 | Other Regulatory Assets | | 232 | | | | | |
| 28 | Miscellaneous Deferred Debits | | 233 | | | | | |
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| 30 | Capital Stock | | 250-251 | | | | | |
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| 32 | Capital Stock Expense | | 254 | | | | | |
| 33 | Long-Term Debt | | 256-257 | | | | | |
| 34 | Reconciliation of Reported Net Income with Taxa | | 261 | | | | | |
| 35 | Taxes Accrued, Prepaid and Charged During the | Year | 262-263 | | | | | |
| 36 | Accumulated Deferred Investment Tax Credits | | 266-267 | | | | | |
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| | e of Respondent Energy Carolinas, LLC | This Report Is: (1) X An Original (2) A Resubmission | Date of Report (Mo, Da, Yr) 04/13/2017 | Year/Period of Report End of2016/Q4 | | | | |
|-------------|--|--|--|-------------------------------------|--|--|--|--|
| | LI | ST OF SCHEDULES (Electric Utility) (c | | | | | | |
| | Enter in column (c) the terms "none," "not applicable," or "NA," as appropriate, where no information or amounts have been reported for certain pages. Omit pages where the respondents are "none," "not applicable," or "NA". | | | | | | | |
| Line No. | Title of Scheo | lule | Reference Page No. | Remarks | | | | |
| INO. | (a) | | (b) | (c) | | | | |
| 37 | Other Deferred Credits | | 269 | | | | | |
| 38 | Accumulated Deferred Income Taxes-Accelerate | ed Amortization Property | 272-273 | | | | | |
| 39 | Accumulated Deferred Income Taxes-Other Proj | perty | 274-275 | | | | | |
| 40 | Accumulated Deferred Income Taxes-Other | | 276-277 | | | | | |
| 41 | Other Regulatory Liabilities | | 278 | | | | | |
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| 43 | Regional Transmission Service Revenues (Acco | unt 457.1) | 302 | | | | | |
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| 46 | Electric Operation and Maintenance Expenses | | 320-323 | | | | | |
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| 50 | Transmission of Electricity by Others | | 332 | | | | | |
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| 53 | Regulatory Commission Expenses | | 350-351 | | | | | |
| 54 | Research, Development and Demonstration Acti | vities | 352-353 | | | | | |
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| 56 | Common Utility Plant and Expenses | | 356 | | | | | |
| 57 | Amounts included in ISO/RTO Settlement Stater | ments | 397 | | | | | |
| 58 | Purchase and Sale of Ancillary Services | | 398 | | | | | |
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| 65 | Pumped Storage Generating Plant Statistics | | 408-409 | | | | | |
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| Name of Respondent Duke Energy Carolinas, LLC This Report Is: (1) XAn Original (2) A Resubmission Date of Report (Mo, Da, Yr) End of 2016/C | | | | | | | | |
|--|--|---------------------------------------|-----------------------|---------|--|--|--|--|
| | LI | ST OF SCHEDULES (Electric Utility) (c | | | | | | |
| | Enter in column (c) the terms "none," "not applicable," or "NA," as appropriate, where no information or amounts have been reported for certain pages. Omit pages where the respondents are "none," "not applicable," or "NA". | | | | | | | |
| Line No. | Title of Sched | lule | Reference Page No. | Remarks | | | | |
| | (a) | | (b) | (c) | | | | |
| 67 | Transmission Line Statistics Pages | | 422-423 | | | | | |
| 68 | Transmission Lines Added During the Year | | 424-425 | | | | | |
| 69 | Substations | | 426-427 | | | | | |
| 70 | Transactions with Associated (Affiliated) Compar | nies | 429 | | | | | |
| 71 | Footnote Data | | 450 | | | | | |
| | Stockholders' Reports Check appropr | riate box: | | | | | | |
| | Two copies will be submitted | | | | | | | |
| | No annual report to stockholders is pr | epared | | | | | | |
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| Name of Respondent Duke Energy Carolinas, LLC | This Report Is: (1) 🕱 An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report | | | | | | |
|---|---|-----------------------------|-----------------------|--|--|--|--|--|--|
| Suke Ellergy Carollilas, EEC | (2) A Resubmission | 04/13/2017 | End of <u>2016/Q4</u> | | | | | | |
| | GENERAL INFORMATION | N | | | | | | | |
| 1. Provide name and title of officer having office where the general corporate books a are kept, if different from that where the general william E. Currens, Jr. | re kept, and address of office wheral corporate books are kept. | | | | | | | | |
| Senior Vice President, Chief Accounting 550 South Tryon Street Charlotte, NC 28202 | | | | | | | | | |
| Provide the name of the State under the If incorporated under a special law, give ref of organization and the date organized. | | | | | | | | | |
| On April 3, 2006 the respondent conversion North Carolina limited liability compactorporation on November 27, 1963. | _ | | - 1 | | | | | | |
| 3. If at any time during the year the proper receiver or trustee, (b) date such receiver or trusteeship was created, and (d) date when | or trustee took possession, (c) th | e authority by which tl | | | | | | | |
| Not applicable | | | | | | | | | |
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| 4. State the classes or utility and other se the respondent operated. | ervices furnished by respondent | during the year in eac | h State in which | | | | | | |
| Electric in the states of North and So | outh Carolina | | | | | | | | |
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| 5. Have you engaged as the principal acc | countant to audit vour financial s | tatements an account | ant who is not | | | | | | |
| the principal accountant for your previous y | | | | | | | | | |
| (1) YesEnter the date when such inc (2) No | dependent accountant was initia | lly engaged: | | | | | | | |
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| Name of Respondent | This Report Is: (1) 🕱 An Original | Date of Report (Mo, Da, Yr) | Year/Perio | d of Report | | |
|--|--------------------------------------|--------------------------------|-----------------|-------------|--|--|
| Duke Energy Carolinas, LLC | (1) X An Original (2) A Resubmission | 04/13/2017 | End of | 2016/Q4 | | |
| | CONTROL OVER RESPOND | ENT | | | | |
| 1. If any corporation, business trust, or similar organization or a combination of such organizations jointly held control over the repondent at the end of the year, state name of controlling corporation or organization, manner in which control was held, and extent of control. If control was in a holding company organization, show the chain of ownership or control to the main parent company or organization. If control was held by a trustee(s), state name of trustee(s), name of beneficiary or beneficiearies for whom trust was maintained, and purpose of the trust. | | | | | | |
| Name of Controlling Organization: Duke Energy | Corporation | | | | | |
| Manner/Extent of Control: Membership interest Corporation. | in respondent, Duke Energy Carolir | nas, LLC, is 100% owner | d by Duke Enero | ЭУ | | |
| Chain of Ownership/Control to Main Parent complise owned and controlled by Duke Energy Corporation | | | e Energy Caroli | nas, LLC, | | |
| See also 2016 Duke Energy Corporation Form 1 | 0-K filed with the SEC in February, | 2017. | | | | |
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| | 1 (| his Report Is: X An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report End of 2016/Q4 | | | | |
|--|---|-----------------------------------|--------------------------------|--------------------------------------|--|--|--|--|
| Duke Energy Carolinas, LLC | | 2) A Resubmission | 04/13/2017 | End of2016/Q4 | | | | |
| | CORPORATIONS CONTROLLED BY RESPONDENT | | | | | | | |
| at an 2. If any i | 1. Report below the names of all corporations, business trusts, and similar organizations, controlled directly or indirectly by respondent at any time during the year. If control ceased prior to end of year, give particulars (details) in a footnote. 2. If control was by other means than a direct holding of voting rights, state in a footnote the manner in which control was held, naming any intermediaries involved. 3. If control was held jointly with one or more other interests, state the fact in a footnote and name the other interests. | | | | | | | |
| 1. Se 2. Di 3. In 4. Jo votino agree Unifo | Definitions 1. See the Uniform System of Accounts for a definition of control. 2. Direct control is that which is exercised without interposition of an intermediary. 3. Indirect control is that which is exercised by the interposition of an intermediary which exercises direct control. 4. Joint control is that in which neither interest can effectively control or direct action without the consent of the other, as where the voting control is equally divided between two holders, or each party holds a veto power over the other. Joint control may exist by mutual agreement or understanding between two or more parties who together have control within the meaning of the definition of control in the Uniform System of Accounts, regardless of the relative voting rights of each party. | | | | | | | |
| Line No. | Name of Company Controlled | Kind of Business | Percent Votin Stock Owned | Ref. | | | | |
| | (a) | (b) | (c) | (d) | | | | |
| 1 | Advance SC LLC | Non-profit | 100% | | | | | |
| 2 | Caldwell Power Company | Refer to column (d) | 100% | A | | | | |
| 3 | Catawba Manufacturing and Electric Power Co. | Refer to column (d) | 100% | A | | | | |
| 4 | Claiborne Energy Services, Inc. | Uranium Enrichment | 100% | | | | | |
| 5 | Duke Energy Receivables Finance Co., LLC | Receivables Finance | 100% | | | | | |
| 6 | Eastover Land Company | Real Estate | 100% | | | | | |
| 7 | Eastover Mining Company | Mining Company | 100% | | | | | |
| 8 | Greenville Gas and Electric Light & Power Co. | Refer to column (d) | 100% | A | | | | |
| 9 | MCP, LLC | Holding Company | 100% | | | | | |
| 10 | Sandy River Timber, LLC | Real Estate | 100% | | | | | |
| 11 | Southern Power Company | Refer to column (d) | 100% | A | | | | |
| | TBP Properties, LLC | Real Estate | 100% | | | | | |
| | TRES Timber, LLC | Real Estate | 100% | | | | | |
| 14 | Wateree Power Company | Refer to column (d) | 100% | A | | | | |
| 15 | Western Carolina Power Company | Refer to column (d) | 100% | A | | | | |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | |
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| | (1) X An Original | (Mo, Da, Yr) | · | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | |
| FOOTNOTE DATA | | | | | | |

Schedule Page: 103 Line No.: 2 Column: d

(A): The purpose of this entity is to generate, transmit, and distribute electric power and preserve property rights.

Schedule Page: 103 Line No.: 3 Column: d

Refer to Footnote A on Schedule Page: 103; Line No.: 2; Column: d

Schedule Page: 103 Line No.: 8 Column: d

Refer to Footnote A on Schedule Page: 103; Line No.: 2; Column: d

Schedule Page: 103 Line No.: 11 Column: d

Refer to Footnote A on Schedule Page: 103; Line No.: 2; Column: d

Schedule Page: 103 Line No.: 14 Column: d

Refer to Footnote A on Schedule Page: 103; Line No.: 2; Column: d

Schedule Page: 103 Line No.: 15 Column: d

Refer to Footnote A on Schedule Page: 103; Line No.: 2; Column: d

| | of Respondent | This R | eport Is: Ҁ∣An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report 2016/Q4 |
|-------------------------|--|--------------------------------|---|---|--------------------------------------|
| Duke | Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of |
| | | • | OFFICERS | | - |
| respo (such 2. If | eport below the name, title and salary for ea ondent includes its president, secretary, trea n as sales, administration or finance), and ar a change was made during the year in the in nbent, and the date the change in incumben | surer, a ny other ncumbe | nd vice president in cha person who performs s nt of any position, show | arge of a principal business imilar policy making function | s unit, division or function ons. |
| Line | Title | ioy wao | made. | Name of Officer | Salary |
| No. | (a) | | | (b) | for Year (c) |
| 1 | Chief Executive Officer | | | Lynn J. Good | 1,300,00 |
| 2 | | | | | |
| 3 | Executive Vice President and President, General | ation | | Dhiaa M. Jamil | 750,00 |
| 4 | and Transmission through 04/30/2016; | | | | |
| 5 | Executive Vice President and | | | | |
| 6 | Chief Operating Officer, effective 05/1/2016 | | | | |
| 7 | | | | | |
| 8 | Executive Vice President | | | Julia S. Janson | 525,00 |
| 9 | Chief Legal Officer and Secretary | | | | |
| 10 | | | | A D M III | 450.00 |
| 11 | Executive Vice President, Strategic Services, | | | A. R. Mullinax | 150,00 |
| 12 | resigned 05/1/2016 | | | | |
| 13 | Everytive Vice President Evternal Affairs and | | | lannifor L Wahar | 92.06 |
| 14 15 | Executive Vice President, External Affairs and Strategic Policy, resigned 02/26/2016 | | | Jennifer L. Weber | 82,06 |
| 16 | Strategic Folicy, resigned 02/20/2010 | | | | |
| 17 | Executive Vice President, Market Solutions and | | | Lloyd M. Yates | 666,75 |
| 18 | President, Carolinas Region through 08/31/2016 | | | Lioya W. Tates | 000,73 |
| 19 | Executive Vice President, Customer and Deliver | | | | |
| 20 | Operations and President, Carolinas Region, | · y | | | |
| 21 | effective 09/1/2016 | | | | |
| 22 | | | | | |
| 23 | President, South Carolina | | | Clark S. Gillespy | 272,82 |
| 24 | · | | | 17 | , |
| 25 | President, North Carolina | | | David B. Fountain | 369,90 |
| 26 | | | | | |
| 27 | Executive Vice President and Chief Financial Of | fficer | | Steven K. Young | 630,00 |
| 28 | | | | | |
| 29 | Senior Vice President and Treasurer through 01 | /31/2016 | ; | Stephen Gerard De May | 358,14 |
| 30 | Treasurer and Senior Vice President, Tax, | | | | |
| 31 | effective 02/1/2016 | | | | |
| 32 | | | | | |
| 33 | Senior Vice President, Chief Accounting Officer | | | Brian D. Savoy | 350,00 |
| 34 | and Controller, through 05/15/2016 | | | | |
| 35 | | | | | |
| 36 | Senior Vice President, Chief Accounting Officer | | | William E. Currens, Jr. | 270,00 |
| 37 | and Controller, effective 05/16/2016 | | | | |
| 38 | | | | | |
| 39 | Senior Vice President and Chief Human Resour | ces | | Melissa H. Anderson | 463,50 |
| 40 | Officer through 04/30/2016; | | | | |
| 41 | Executive Vice President, Administration and | 2042 | | | |
| 42 | Chief Human Resources Officer, effective 05/1/2 | 2016 | | | |
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| | e of Respondent | This R | eport ls: X∣An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report End of 2016/Q4 |
|-------------------------|--|-------------------------|--|--|---|
| Duke | Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of2016/Q4 |
| | | • | OFFICERS | | |
| respo (such 2. If | eport below the name, title and salary for ea ondent includes its president, secretary, trea n as sales, administration or finance), and ar a change was made during the year in the in mbent, and the date the change in incumben | surer, any other noumbe | and vice president in or person who performent of any position, sh | charge of a principal business s similar policy making functi | s unit, division or function ions. |
| Line | Title | | | Name of Officer | Salary for Year |
| No. | (a) | | | (b) | for Year (c) |
| 1 | Executive Vice President and President, | | | Douglas F Esamann | 500,0 |
| 2 | Midwest and Florida Regions through 08/31/201 | 6 | | | |
| 3 | Executive Vice President Energy Solutions and | | | | |
| 4 | President, Midwest and Florida Regions, | | | | |
| 5 | effective 09/1/2016 | | | | |
| 6 | President, Duke Energy International, | | | Andrea Destera | 200.4 |
| 7 8 | resigned 12/31/2016 | | | Andrea Bertone | 366,4 |
| 9 | resigned 12/3 1/2010 | | | | |
| 10 | President, Commercial Portfolio, resigned 07/7/2 | 2016 | | Gregory C. Wolf | 192,0 |
| 11 | | | | anagary arrivan | 1 |
| 12 | Executive Vice President and President | | | Franklin H. Yoho | 113,0 |
| 13 | Natural Gas, effective 10/4/2016 | | | | |
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| Name of Respondent This Report Is: (1) X An Original | | | eport Is: X]An Original | Date of Report Year/Period of Report (Mo, Da, Yr) Find of 2016/Q4 | | | | |
|---|---|--------|----------------------------|---|-------------|--------------------------------|------------------------------------|--|
| Duke | Energy Carolinas, LLC | (2) | | A Resubmission | | 04/13/2017 | End of2016/Q4 | |
| | | • | | DIRECTORS | | | | |
| | port below the information called for concerning each | direct | tor c | of the respondent who | held office | at any time during the year. I | Include in column (a), abbreviated | |
| | of the directors who are officers of the respondent. signate members of the Executive Committee by a trip | ءد ماد | torio | sk and the Chairman o | f the Eveci | itive Committee by a double a | actorick | |
| Line No. | Name (and Title) of I | | | sk and the onaliman o | I THE EXCE | | siness Address | |
| — | (a) | | | | 550.0 | (k | 0) | |
| 2 | Lynn J. Good Chief Executive Officer | | | | 550 Sou | th Tryon Street, Charlotte, | NC 28202 | |
| 3 | Office Exceditive Officer | | | | | | | |
| 4 | Dhiaa M. Jamil | | | | 550 Sou | th Tryon Street, Charlotte, | NC 28202 | |
| 5 | Executive Vice President and Chief Operating | | | | | | | |
| 6 | Officer (elected 5/1/16) | | | | | | | |
| 7 | President, Generation and Transmission (resig | ned t | 5/1/ | 16) | | | | |
| 9 | Executive Vice President (resigned 5/1/16) | | | | | | | |
| 10 | Lloyd M. Yates | | | | 550 Sou | th Tryon Street, Charlotte, | NC 28202 | |
| 11 | Executive Vice President, Customer and Delive | ery | | | 000 000 | ar rryon ourout, onanouto, | 110 20202 | |
| 12 | Operations and President, Carolinas | | | | | | | |
| 13 | Region (elected 9/1/16) | | | | | | | |
| 14 | Executive Vice President, Market Solutions and | | | | | | | |
| 15 | President, Carolinas Region (resigned 9/1/201 | 6) | | | | | | |
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| | e of Respondent | This F (1) | Rep | ort Is: An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|-------------|--|---------------|------|--|--------------------------------|--------------------------|
| Duke | Energy Carolinas, LLC | (2) | | A Resubmission | 04/13/2017 | End of 2016/Q4 |
| | FERC | | | MATION ON FORMULA R edule/Tariff Number FER | | |
| Does | the respondent have formula rates? | | | | X Yes | |
| | | | | | No | |
| 1. Plo | ease list the Commission accepted formula rates in cepting the rate(s) or changes in the accepted rate | ncluding | j Fl | ERC Rate Schedule or Tar | iff Number and FERC prod | ceeding (i.e. Docket No) |
| Line No. | FERC Rate Schedule or Tariff Number | | | FERC Proceeding | | |
| 1 | 273 | | | | | ER15-1241 |
| 2 | 315 | | | | | ER15-1346 |
| 3 | 316 | | | | | ER15-1346 |
| 4 | 317 | | | | | ER15-1346 |
| 5 | 326 | | | | | ER15-1346 |
| 6 | 327 | | | | | ER15-1346 |
| 7 | 328 | | | | | ER15-1346 |
| 8 | 329 | | | | | ER16-953 |
| 9 | 330 | | | | | ER15-1346 |
| 10 | 331 | | | | | ER15-1346 |
| 11 | 332 | | | | | ER16-952 |
| 12 | 333 | | | | | ER15-1346 |
| | 334 | | | | | ER15-1346 |
| | 335 | | | | | ER16-267 |
| | 336 | | | | | ER15-1346 |
| 16 | | | | | | ER15-1346 |
| 17 | 338 | | | | | ER15-1346 |
| | 340 | | | | | ER15-1346 |
| 19 | Joint Oatt Tarriff Volume 4 | | | | | ER12-1343 |
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| | e of Respondent | | | This Rep (1) X | ort Is: | Original | Date of Report (Mo, Da, Yr) | | Year/Period of Report |
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| Duke | e Energy Carolina | as, LLC | | (2) | | esubmission | 04/13/2017 | | End of 2016/Q4 |
| | | | FERG | | | ON ON FORMULA RA | | - | |
| Does | the respondent | file with the Co | ommission annual (| or more fre | auent) | <u> </u> | X Yes | | |
| filing | s containing the in | nputs to the fo | rmula rate(s)? | | | | □ No | | |
| 2. If | yes, provide a lis | ting of such fili | ngs as contained o | n the Comr | missio | n's eLibrary website | | | |
| | | Document | | | | | | Formul | a Rate FERC Rate |
| Line No. | Accession No. | Date \ Filed Date | Docket No. | | | Description | | Schedu Tariff N | ule Number or Jumber |
| 1 | 201605165248 | | ER11-3585 | | | | T Tarriff Volume 4 | | ATT Tarriff Volume 4 |
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| Name | e of Respondent | | This Rep | | Date | e of Report |) | /ear/Period of Report |
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| Duke | Energy Carolinas, I | LLC | (1) X (2) | An Original A Resubmission | , | , Da, Yr) 4/13/2017 | E | End of 2016/Q4 |
| | INFORMATION ON FORMULA RATES Formula Rate Variances | | | | | | | |
| am 2. The For 3. The imp | counts reported in the footnote should prome 1. The footnote should expected formula rate | not submit such filings then ind e Form 1. ovide a narrative description ex plain amounts excluded from t inputs differ from amounts rep n has provided guidance on for | xplaining ho he ratebas orted in Fo | ow the "rate" (or billing) we or where labor or other rm 1 schedule amounts. | vas derive | ed if different from the | e re | ported amount in the enses, or other items |
| Line No. | Page No(s). | Schedule | | | | Column | | Line No |
| 1 | 114-115 | Statement of Income | | | | | g | 14 |
| 2 | 117 | Statement of Income | | | | | С | 63 |
| 3 | 204-205 | Electric Plant in Service | | | | | g | 46 |
| 4 | 206-207 | Electric Plant in Service | | | | | g | 58,75,99 |
| 5 | 219 | Accumulated Provision for D | epreciation | n of | | | b | 25,26 |
| 6 | | Electric Utility Plant (Acco | ount 108) | | | | | |
| 7 | 219 | Accumulated Provision for D | epreciation | n of | | | С | 24,25 |
| 8 | | Electric Utility Plant (Acco | ount 108) | | | | | |
| 9 | 263 | Taxes Accrued, Prepaid, and | d Charged | During Year | | | į. | 2,5,17,27,28,29,30,31,32, |
| 10 | | | | | | | | 33,37,38 |
| 11 | 274-275 | Accumulated Deferred incor | ne Taxes - | Other Property | | | k | 2,9 |
| 12 | 311 | Sales for Resale | | | | | k | Subtotal Non-RQ |
| 13 | 320 | Electric Operation and Main | | • | | | | 5,12,17,35 |
| 14 | 321 | Electric Operation and Main | | | | | _ | 80,90,91,112 |
| 15 | 323 | Electric Operation and Main | | • | | | _ | 185,189,191,192,197 |
| 16 | 336 | Depreciation and Amortization | | ric Plant | | | \rightarrow | 1,2,3,6,7,10 |
| 17 | 354-355 | Distribution of Salaries and \ | Nages | | | | b : | 20,24,25,27,65 |
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| Name of Respondent | This Report Is: | Date of Report | Year/Period of Report |
|---|--|--|---|
| Duke Energy Carolinas, LLC | (1) X An Original (2) A Resubmission | 04/13/2017 | End of 2016/Q4 |
| IMF | PORTANT CHANGES DURING THE C | QUARTER/YEAR | |
| Give particulars (details) concerning the matters in accordance with the inquiries. Each inquiry should information which answers an inquiry is given elsew 1. Changes in and important additions to franchise franchise rights were acquired. If acquired without 2. Acquisition of ownership in other companies by companies involved, particulars concerning the transcription authorization. 3. Purchase or sale of an operating unit or system: and reference to Commission authorization, if any owner submitted to the Commission. 4. Important leaseholds (other than leaseholds for effective dates, lengths of terms, names of parties, reference to such authorization. 5. Important extension or reduction of transmission began or ceased and give reference to Commission customers added or lost and approximate annual renew continuing sources of gas made available to it approximate total gas volumes available, period of 6. Obligations incurred as a result of issuance of set debt and commercial paper having a maturity of on appropriate, and the amount of obligation or guarar 7. Changes in articles of incorporation or amendme 8. State the estimated annual effect and nature of 9. State briefly the status of any materially important transactive of any of these persons was a party or in 11. (Reserved.) 12. If the important changes during the year relating applicable in every respect and furnish the data required in every respect and furnish the data required in every respect and furnish the data required to the significant events or transactive to which the respondent participates in percent please describe the significant events or transactive to which the respondent has amounts loaned cash management program(s). Additionally, pleas | be answered. Enter "none," "not where in the report, make a reference rights: Describe the actual consideration, state reorganization, merger, or consoliums actions, name of the Commission: Give a brief description of the prowas required. Give date journal enterty and other condition. State of the response of each class of service. If from purchases, development, purchases, development, purchases, development, purchases, development, purchases, development, purchases, development, purchases. Give reference to find the provide of the condition of liabilities are year or less. Give reference to find the provide of the Annual Report Form No. In which any such person had a material to the respondent company appropried by Instructions 1 to 11 aboves, major security holders and voting a cash management program(s) a ansactions causing the proprietary dor money advanced to its parent see describe plans, if any to regain and the security to regain a respective to respec | applicable," or "NA" when noe to the schedule in who deration given therefore a te that fact. dation with other companion authorizing the transactoperty, and of the transactory acquired or given, assigname of Commission authorized authorized and purpose of the approxity and purpose of such characteristic and purpose of such charact | re applicable. If ich it appears. Ind state from whom the ies: Give names of tion, and reference to etions relating thereto, iform System of Accounts and or surrendered: Give horizing lease and give and date operations mate number of any must also state major vise, giving location and issuance of short-term on authorization, as anges or amendments. It is results of any such port in which an officer, ated company or known art to stockholders are luded on this page. In that may have tratio is less than 30 an 30 percent, and the companies through a |
| PAGE 108 INTENTIONALLY LEFT BLANK SEE PAGE 109 FOR REQUIRED INFORM | | | |
| | | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued) | | | | | | | |

1. None

- 2. See Notes to Financial Statements, Note 2, "Acquisitions and Dispositions"
- 3. None
- 4. None
- 5. None
- 6. See Notes to Financial Statements, Note 6, "Debt and Credit Facilities"
- 7. None
- 8. During the third quarter of 2016, employees bargained for by IBEW Local 962 and USW Local 7202, and non-represented craft employees were granted a general wage increase that totaled \$6,538,017 in annualized costs (This excludes promotions, demotions, job reclassification, etc.). These changes were reported in the $4^{\rm th}$ quarter in 2015, while changes were effective 9/26 (3rd quarter)in 2016.
- 9. See Notes to Financial Statements, Note 4, "Regulatory Matters" and Note 5, "Commitments and Contingencies"
- 10. None
- 11. (Reserved)
- 12. None
- 13. There are no changes to major security holders and voting powers of Duke Energy Carolinas, LLC that occurred during in 2016.

The officer and director appointments that occurred in 2016 are as follows:

APPOINTMENTS

Effective 1/01/2016

John Elnitsky

Jeffrey M. Stone

John L. Sullivan, III

Sandra S. Wyckoff

Senior Vice President, Nuclear Engineering

Vice President, Corporate Audit Services

Assistant Treasurer

Vice President, Ethics and Compliance, Chief Ethics Officer

Effective 2/01/2016

Keith G. Butler Senior Vice President, Global Risk Management and Insurance, Chief Risk Officer
Stephen G. De May Senior Vice President, Tax

Effective 4/01/2016

Regis T. Repko Senior Vice President and Chief Fossil/Hydro Officer

Effective 4/11/2016

Terrell N. Garren Vice President and Chief Security Officer
Thomas Cooper Monroe III Director, State Tax
Sandra S. Wyckoff Vice President and Chief Ethics and Compliance Officer

| i Lito i Oitin ito: i (LD: iL 00) | FERC FORM NO. 1 (ED. 12-96) | Page 109.1 |
|-----------------------------------|-----------------------------|------------|
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|
| · · | (1) X An Original | (Mo, Da, Yr) | · | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued) | | | | | | | |

Effective 4/19/2016

Paul Draovitch Senior Vice President, Fossil Hydro Operations George T. Hamrick Senior Vice President, Coal Combustion Products

Effective 5/01/2016

Melissa H. Anderson Executive Vice President, Administration and Chief Human

Resources Officer

David L. Doss, Jr. Vice President, Accounting

Dhiaa M. Jamil Executive Vice President and Chief Operating Officer

Effective 5/16/2016 William E. Currens Jr. Senior Vice President, Chief Accounting Officer and

Controller

Senior Vice President, Business Transformation and Brian D. Savoy

Technology

Effective 6/01/2016

Caren B. Anders Vice President, Operations Support Richard W. Bagley

Vice President, Transmission Engineering, Resource and

Project Management

Stephen J. Immel Vice President, Carolinas Coal Generation

Vice President, Transmission Systems Planning and Operations Vice President, Total Rewards and Human Resources Operations

Vice President, Carolinas Natural Gas Generation

Effective 7/8/2016

V. Nelson Peeler Tom Silinski Julie K. Turner

Robert F. Caldwell President, Duke Energy Renewables and Distributed Energy

Technology

Effective 9/1/2016

Douglas F. Esamann Executive Vice President, Energy Solutions and President,

Midwest and Florida Regions

Michael A. Lewis Senior Vice President and Chief Distribution Officer John F. Smith III Senior Vice President, Carolinas Distribution Operations

Executive Vice President, Customer and Delivery Operations

and President, Carolinas Region

Effective 9/16/2016

Thomas Daniel Ray

Robert T. Simril Jr.

Lloyd M. Yates

Scott L. Batson Senior Vice President, Nuclear Operations (SC) Robert J. Duncan II Senior Vice President, Nuclear Operations (NC)
T. Preston Gillespie Jr. Senior Vice President and Nuclear Chief Operating Officer Kelvin Henderson Senior Vice President, Nuclear Corporate

Site Vice President, Oconee

Site Vice President, Catawba

Effective 10/1/2016

V. Nelson Peeler

Sam Holeman Vice President, Transmission Systems Planning and Operations

Senior Vice President and Chief Transmission Officer

Effective 11/1/2016

Benjamin C. Waldrep Vice President, Operational Excellence

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued) | | | | | | | |

RESIGNATIONS

Effective 1/01/2016

Effective 2/01/2016

John Elnitsky Senior Vice President, Ash Basin Strategy
Jeffrey M. Stone Vice President, Internal Audit, Ethics and Compliance
Sandra S. Wyckoff Assistant Treasurer

Keith G. Butler Senior Vice President, Tax

Dwight L. Jacobs Senior Vice President, Global Risk Management and Insurance,

Chief Risk Officer

Effective 2/26/2016

Jennifer L. Weber Executive Vice President, External Affairs and

Strategic Policy

Effective 3/31/2016

Charles M. Gates Senior Vice President, Chief Fossil/Hydro Officer

Effective 4/01/2016

Regis T. Repko Senior Vice President Nuclear Corporate

Effective 4/11/2016

Sandra S. Wyckoff Vice President, Ethics and Compliance and Chief Ethics

Officer

Effective 4/19/2016

George T. Hamrick

Paul Draovitch Vice President, Fossil Hydro Operations, Carolinas East

Vice President, Coal Combustion Products

Effective 5/01/2016

Melissa H. Anderson Senior Vice President and Chief Human Resource Officer

Bryan W. Buckler Vice President, Accounting

Dhiaa M. Jamil President, Generation and Transmission and Executive Vice

President

A.R. Mullinax Executive Vice President, Strategic Services

Effective 5/16/2016

Brian D. Savoy Senior Vice President and Chief Accounting Officer and

Controller

Effective 6/01/2016

Jason M. Allen Vice President, Carolinas West

Caren B. Anders

Richard Bagley

Stephen J. Immel

Vice President, Delivery Operations Support

Vice President, Transmission Engineering

Vice President, Outage and Project Services

Vice President, Transmission Systems Operations

Tom Silinski Vice President, Human Resources Operations

Effective 7/8/2016

Robert F. Caldwell Senior Vice President, Distributed Energy Resources

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | |
| IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued) | | | | | | | | |

Effective 8/31/2016

Heath J. Shuler Senior Vice President, Federal Government Affairs

Effective 9/1/2016

Douglas F. Esamann Executive Vice President and President, Midwest and Florida

Regions

Michael A. Lewis

John F. Smith III

Senior Vice President and Chief Transmission Officer

Senior Vice President, Carolinas Delivery Operations

Lloyd M. Yates

Executive Vice President, Market Solutions and President,

Carolinas Region

Effective 9/16/2016

Scott L. Batson Site Vice President, Oconee

T. Preston Gillespie Jr. Senior Vice President, Nuclear Operations

Kelvin Henderson Site Vice President, Catawba

Effective 10/1/2016

V. Nelson Peeler Vice President, Transmission Systems Planning and Operations

Effective 10/28/2016

John Elnitsky Senior Vice President, Nuclear Engineering

14. N/A

| Name | e of Respondent | This Report Is: | Date of F | | Year/I | Period of Report |
|-------------|--|--------------------------------------|-------------------------|------------------------------|-----------------------------|---|
| Duke I | Energy Carolinas, LLC | (1) X An Original (2) A Resubmission | (Mo, Da, 04/13/20 | · · | | of <u>2016/Q4</u> |
| | COMPARATIV | E BALANCE SHEET (ASSETS | AND OTHER | R DEBITS |) | |
| Line No. | Title of Accoun | | Ref. Page No. (b) | Curren End of Qua Bala | t Year arter/Year nce | Prior Year End Balance 12/31 (d) |
| 1 | UTILITY PLA | ANT | | | | |
| 2 | Utility Plant (101-106, 114) | | 200-201 | 1 | 6,332,162 | 35,613,085,946 |
| 3 | Construction Work in Progress (107) | | 200-201 | | 9,769,272 | 1,834,176,788 |
| 4 | TOTAL Utility Plant (Enter Total of lines 2 and | | | 1 | 6,101,434 | 37,447,262,734 |
| 5 | (Less) Accum. Prov. for Depr. Amort. Depl. (10 | 08, 110, 111, 115) | 200-201 | | 5,088,915 | 14,068,664,108 |
| 6 | Net Utility Plant (Enter Total of line 4 less 5) | | 000 000 | 1 | 1,012,519 | 23,378,598,626 |
| 7 | Nuclear Fuel Meterials and Assemblies Stock | | 202-203 | 33 | 6,750,095 | 278,873,242 |
| 9 | Nuclear Fuel Materials and Assemblies-Stock A Nuclear Fuel Assemblies in Reactor (120.3) | Account (120.2) | | 1 20 | 0,997,083 | 0 1,170,737,892 |
| 10 | Spent Nuclear Fuel (120.4) | | | + | 6,908,927 | 377,715,778 |
| 11 | Nuclear Fuel Under Capital Leases (120.6) | | | 33 | 0,900,927 | 377,713,770 |
| 12 | (Less) Accum. Prov. for Amort. of Nucl. Fuel A | ssemblies (120.5) | 202-203 | 1 19 | 1,832,506 | 976,394,379 |
| 13 | Net Nuclear Fuel (Enter Total of lines 7-11 less | ` ' | 202 200 | 1 | 2,823,599 | 850,932,533 |
| 14 | Net Utility Plant (Enter Total of lines 6 and 13) | , , , | | 1 | 3,836,118 | 24,229,531,159 |
| 15 | Utility Plant Adjustments (116) | | | 1 | 1,012,652 | 1,012,652 |
| 16 | Gas Stored Underground - Noncurrent (117) | | | | 0 | 0 |
| 17 | OTHER PROPERTY AND | INVESTMENTS | | | | |
| 18 | Nonutility Property (121) | | | 12 | 0,327,669 | 121,936,147 |
| 19 | (Less) Accum. Prov. for Depr. and Amort. (122 | () | | 3 | 5,814,103 | 34,547,660 |
| 20 | Investments in Associated Companies (123) | | | | 0 | 0 |
| 21 | Investment in Subsidiary Companies (123.1) | | 224-225 | 1 | 1,321,378 | 11,033,231 |
| 22 | (For Cost of Account 123.1, See Footnote Pag | e 224, line 42) | | | | |
| 23 | Noncurrent Portion of Allowances | | 228-229 | | 0 | 0 |
| 24 | Other Investments (124) | | | | 2,857,728 | 2,971,315 |
| 25 | Sinking Funds (125) | | | | 0 | 0 |
| 26 | Depreciation Fund (126) | | | | 0 | 0 |
| 27 | Amortization Fund - Federal (127) | | | 0.54 | 0 | 0 000 000 000 |
| 28 | Other Special Funds (128) | | | 3,54 | 6,760,318 | 3,302,683,226 |
| 29 | Special Funds (Non Major Only) (129) | | | | 0 | 0 |
| 30 | Long-Term Portion of Derivative Assets (175) Long-Term Portion of Derivative Assets – Hedge | nos (176) | | | 9,065,508 | 19,563 |
| 32 | TOTAL Other Property and Investments (Lines | • ` ' | | | 4,518,498 | 3,404,095,822 |
| 33 | CURRENT AND ACCR | , | | 3,03 | 4,510,490 | 3,404,093,022 |
| 34 | Cash and Working Funds (Non-major Only) (13 | | | | 0 | 0 |
| 35 | Cash (131) | , | | 1 | 3,599,942 | 13,156,900 |
| 36 | Special Deposits (132-134) | | | | 0 | 0 |
| 37 | Working Fund (135) | | | | 300,000 | 300,000 |
| 38 | Temporary Cash Investments (136) | | | | 0 | 0 |
| 39 | Notes Receivable (141) | | | | 0 | 0 |
| 40 | Customer Accounts Receivable (142) | | | 402,046,079 | | 393,923,026 |
| 41 | Other Accounts Receivable (143) | | | 119,749,731 | | 181,536,112 |
| 42 | (Less) Accum. Prov. for Uncollectible AcctCre | ` ' | | | 9,044,211 | 9,573,606 |
| 43 | Notes Receivable from Associated Companies | ` ' | | 66,344,000 | | 163,210,000 |
| 44 | Accounts Receivable from Assoc. Companies | (146) | | 180,731,637 | | 225,953,449 |
| 45 | Fuel Stock (151) | | 227 | 290,783,909 | | 491,480,433 |
| 46 | Fuel Stock Expenses Undistributed (152) | | 227 | | 0 | 0 |
| 47 | Residuals (Elec) and Extracted Products (153) | | 227 | 74 | 0 002 512 | 742 803 055 |
| 48 49 | Plant Materials and Operating Supplies (154) Merchandise (155) | | 227 227 | 1 | 9,902,512 | 742,893,055 0 |
| 50 | Merchandise (155) Other Materials and Supplies (156) | | 227 | | 56,950 | 0 |
| 51 | Nuclear Materials Held for Sale (157) | | 202-203/227 | | 00,950 | 0 |
| 52 | Allowances (158.1 and 158.2) | | 228-229 | 3 | 6,521,765 | 31,169,095 |
| | | | . =- | | , , == | |
| | A TABLE 10 4 (DEL) (10 00) | | | | | |

| Name | e of Respondent | This Report Is: | Date of F | | Year/ | Period of Report |
|----------|--|--------------------------|-----------|--|--------------------------|---------------------------------|
| Duke I | Energy Carolinas, LLC | (1) X An Original | (Mo, Da, | | | of 2016/Q4 |
| | | (2) A Resubmission | 04/13/20 | | End o | <u> </u> |
| | COMPARATIV | E BALANCE SHEET (ASSETS | AND OTHER | R DEBITS | (Continued |) |
| Line | | | | | nt Year | Prior Year |
| No. | T:U = 4 A = = | | Ref. | | ıarter/Year | End Balance |
| | Title of Account | i e | Page No. | | ance | 12/31 |
| 53 | (a) (Less) Noncurrent Portion of Allowances | | (b) | (| c) 0 | (d) 0 |
| 54 | Stores Expense Undistributed (163) | | 227 | | 43,768,488 | 41,166,985 |
| 55 | Gas Stored Underground - Current (164.1) | | ZZI | <u> </u> | 0 | 0 |
| 56 | Liquefied Natural Gas Stored and Held for Prod | cessing (164 2-164 3) | | | 0 | 0 |
| 57 | Prepayments (165) | 5555511g (10 1.2 10 1.5) | | | 7,933,319 | 6,555,314 |
| 58 | Advances for Gas (166-167) | | | | 0 | 0 |
| 59 | Interest and Dividends Receivable (171) | | | | 4,193 | 949 |
| 60 | Rents Receivable (172) | | | | 201,328 | 160,878 |
| 61 | Accrued Utility Revenues (173) | | | 2 | 79,407,256 | 250,330,801 |
| 62 | Miscellaneous Current and Accrued Assets (17 | 74) | | | 1,250,000 | 1,250,000 |
| 63 | Derivative Instrument Assets (175) | , | | | 0 | 0 |
| 64 | (Less) Long-Term Portion of Derivative Instrum | ent Assets (175) | | | 0 | 0 |
| 65 | Derivative Instrument Assets - Hedges (176) | , , | | ; | 31,929,553 | 19,563 |
| 66 | (Less) Long-Term Portion of Derivative Instrum | ent Assets - Hedges (176 | | | 9,065,508 | 19,563 |
| 67 | Total Current and Accrued Assets (Lines 34 thr | | | 2,1 | 76,420,943 | 2,533,513,391 |
| 68 | DEFERRED DE | BITS | | | | |
| 69 | Unamortized Debt Expenses (181) | | | 4 | 47,848,474 | 42,749,926 |
| 70 | Extraordinary Property Losses (182.1) | | 230a | | 0 | 0 |
| 71 | Unrecovered Plant and Regulatory Study Costs | s (182.2) | 230b | | 0 | 0 |
| 72 | Other Regulatory Assets (182.3) | | 232 | 3,0 | 19,657,037 | 2,949,198,173 |
| 73 | Prelim. Survey and Investigation Charges (Elec | etric) (183) | | • | 10,920,219 | 8,150,394 |
| 74 | Preliminary Natural Gas Survey and Investigati | on Charges 183.1) | | | 0 | 0 |
| 75 | Other Preliminary Survey and Investigation Cha | arges (183.2) | | | 0 | 0 |
| 76 | Clearing Accounts (184) | | | | 790,946 | 502,055 |
| 77 | Temporary Facilities (185) | | | | 0 | 0 |
| 78 | Miscellaneous Deferred Debits (186) | | 233 | 1,12 | 20,016,189 | 965,093,136 |
| 79 | Def. Losses from Disposition of Utility Plt. (187) | | | | 0 | 0 |
| 80 | Research, Devel. and Demonstration Expend. | (188) | 352-353 | | 0 | 0 |
| 81 | Unamortized Loss on Reaquired Debt (189) | | 00.4 | 70,374,838 | | 77,843,481 |
| 82 | Accumulated Deferred Income Taxes (190) | | 234 | 2,72 | 20,556,256 | 2,722,159,778 |
| 83 | Unrecovered Purchased Gas Costs (191) | | | 6.00 | 00 163 050 | 6 765 606 043 |
| 84 85 | Total Deferred Debits (lines 69 through 83) TOTAL ASSETS (lines 14-16, 32, 67, and 84) | | | | 90,163,959 45,952,170 | 6,765,696,943 36,933,849,967 |
| | | | | | | |
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| Name of Respondent | | This Report is: | Date of F | • | Year/Period of Report | | |
|----------------------------|--|---------------------------|----------------------|------------------|-----------------------|----------------|--|
| Duke Energy Carolinas, LLC | | (1) x An Original (2) | (mo, da, 04/13/20 | | | 2016/Q4 | |
| | COMPARATIVE E | BALANCE SHEET (LIABILITIE | S AND OTHE | ı | | | |
| 1.5 | | , | | Current Year | | Prior Year | |
| Line No. | | | Ref. | End of Quarter/Y | 'ear | End Balance | |
| INO. | Title of Account | | Page No. | Balance | | 12/31 | |
| | (a) | | (b) | (c) | | (d) | |
| 1 | PROPRIETARY CAPITAL | | | | | | |
| 2 | Common Stock Issued (201) | | 250-251 | | 0 | 0 | |
| 3 | Preferred Stock Issued (204) | | 250-251 | | 0 | 0 | |
| 4 | Capital Stock Subscribed (202, 205) | | | | 0 | 0 | |
| 5 | Stock Liability for Conversion (203, 206) | | | | 0 | 0 | |
| 6 | Premium on Capital Stock (207) | | | | 0 | 0 | |
| 7 | Other Paid-In Capital (208-211) | | 253 | 3,725,067, | ,453 | 3,725,067,453 | |
| 8 | Installments Received on Capital Stock (212) | | 252 | | 0 | 0 | |
| 9 | (Less) Discount on Capital Stock (213) | | 254 | | 0 | 0 | |
| 10 | (Less) Capital Stock Expense (214) | | 254b | | 0 | 0 | |
| 11 | Retained Earnings (215, 215.1, 216) | | 118-119 | 7,055,134, | 480 | 7,889,576,939 | |
| 12 | Unappropriated Undistributed Subsidiary Earning | age (216.1) | 118-119 | 3,017, | | 2,729,324 | |
| 13 | | 195 (2 10.1) | + | 3,017, | ,471 | | |
| | (Less) Reaquired Capital Stock (217) | 250-251 | | 0 | 0 | | |
| 14 | Noncorporate Proprietorship (Non-major only) | | 400(-)(-) | 0.407 | 770 | | |
| 15 | Accumulated Other Comprehensive Income (21 | 19) | 122(a)(b) | -9,497, | | -11,277,265 | |
| 16 | Total Proprietary Capital (lines 2 through 15) | | | 10,773,721, | ,634 | 11,606,096,451 | |
| 17 | LONG-TERM DEBT | | | | | | |
| 18 | Bonds (221) | | 256-257 | 8,560,231, | ,949 | 7,313,101,528 | |
| 19 | (Less) Reaquired Bonds (222) | 256-257 | 0 | | 0 | | |
| 20 | Advances from Associated Companies (223) | | 256-257 | 300,000,000 | | 300,000,000 | |
| 21 | Other Long-Term Debt (224) | | 256-257 | 786,179, | ,751 | 786,640,100 | |
| 22 | Unamortized Premium on Long-Term Debt (225 | 5) | | | 0 | 0 | |
| 23 | (Less) Unamortized Discount on Long-Term De | ebt-Debit (226) | | 20,100, | ,965 | 18,078,654 | |
| 24 | Total Long-Term Debt (lines 18 through 23) | | | 9,626,310, | ,735 | 8,381,662,974 | |
| 25 | OTHER NONCURRENT LIABILITIES | | | | | | |
| 26 | Obligations Under Capital Leases - Noncurrent | (227) | | 18,357, | ,410 | 21,547,152 | |
| 27 | Accumulated Provision for Property Insurance (| (228.1) | | 93,529,465 | | 91,333,761 | |
| 28 | Accumulated Provision for Injuries and Damage | es (228.2) | | 514,617, | ,809 | 538,922,187 | |
| 29 | Accumulated Provision for Pensions and Benef | its (228.3) | | 95,099, | ,965 | 105,522,460 | |
| 30 | Accumulated Miscellaneous Operating Provisio | ns (228.4) | | 1,836, | ,738 | 1,460,579 | |
| 31 | Accumulated Provision for Rate Refunds (229) | | | | 0 | 0 | |
| 32 | Long-Term Portion of Derivative Instrument Lia | bilities | | 15,148, | ,777 | 4,694,105 | |
| 33 | Long-Term Portion of Derivative Instrument Lia | bilities - Hedges | | | 0 | 8,027,009 | |
| 34 | Asset Retirement Obligations (230) | <u> </u> | | 3,673,441, | .671 | 3,918,476,854 | |
| 35 | Total Other Noncurrent Liabilities (lines 26 through | ugh 34) | | 4,412,031, | | 4,689,984,107 | |
| 36 | CURRENT AND ACCRUED LIABILITIES | , | | | | | |
| 37 | Notes Payable (231) | | | | 0 | 0 | |
| 38 | Accounts Payable (232) | | | 808,309, | 971 | 738,320,737 | |
| 39 | Notes Payable to Associated Companies (233) | | | | 0 | 0 | |
| 40 | Accounts Payable to Associated Companies (2 | | | 267,507, | 984 | 250,188,203 | |
| 41 | Customer Deposits (235) | o ., | | 132,008, | | 132,003,028 | |
| 42 | Taxes Accrued (236) | | 262-263 | 140,059, | | 43,469,673 | |
| 43 | Interest Accrued (237) | | 202 200 | 125,036,866 | | 110,734,067 | |
| 44 | Dividends Declared (238) | | | 125,000, | 000 | 0 | |
| 45 | Matured Long-Term Debt (239) | | | + | 0 | 0 | |
| 45 | Matured Long-Term Debt (239) | | | | - | 0 | |
| | | | | | | | |
| | | | | | | | |
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| Name of Respondent | | This Report is: | Date of Report | | Year/Period of Report | | | |
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| Duke Energy Carolinas, LLC | | (1) x An Original(2) A Resubmission | - | (mo, da, yr) 04/13/2017 | | f 2016/Q4 | | |
| | COMPARATIVE B | ALANCE SHEET (LIABILITIES | | | end o | | | |
| | | , | | Curren | | Prior Year | | |
| Line No. | | | Ref. | End of Qua | arter/Year | End Balance | | |
| INO. | Title of Account | | Page No. | Bala | ince | 12/31 | | |
| | (a) | (b) | (0 | ;) | (d) | | | |
| 46 | Matured Interest (240) | | | | 0 | 0 | | |
| 47 | Tax Collections Payable (241) | | | 1 | 10,177,067 | 7,802,417 | | |
| 48 | Miscellaneous Current and Accrued Liabilities (| 242) | | 51 | 19,055,728 | 305,569,935 | | |
| 49 | Obligations Under Capital Leases-Current (243 |) | | | 3,189,742 | 2,940,613 | | |
| 50 | Derivative Instrument Liabilities (244) | | | 1 | 15,148,777 | 4,694,105 | | |
| 51 | (Less) Long-Term Portion of Derivative Instrum | ent Liabilities | | 1 | 15,148,777 | 4,694,105 | | |
| 52 | Derivative Instrument Liabilities - Hedges (245) | | | | 0 | 39,277,140 | | |
| 53 | (Less) Long-Term Portion of Derivative Instrum | ent Liabilities-Hedges | | | 0 | 8,027,009 | | |
| 54 | Total Current and Accrued Liabilities (lines 37 th | _ | | 2,00 | 05,345,208 | 1,622,278,804 | | |
| 55 | DEFERRED CREDITS | , | | | | | | |
| 56 | Customer Advances for Construction (252) | | | | 325,000 | 0 | | |
| 57 | Accumulated Deferred Investment Tax Credits | (255) | 266-267 | 20 | 2,585,650 | 198,608,658 | | |
| 58 | Deferred Gains from Disposition of Utility Plant | , | | | 0 | 0 | | |
| 59 | Other Deferred Credits (253) | (200) | 269 | 57 | 70,166,666 | 557,882,331 | | |
| 60 | Other Regulatory Liabilities (254) | | 278 | | 39,911,046 | 1,009,229,876 | | |
| 61 | Unamortized Gain on Reaquired Debt (257) | | 2.0 | 1,10 | 0 | 0 | | |
| 62 | Accum. Deferred Income Taxes-Accel. Amort.(2 | 281) | 272-277 | | 0 | 0 | | |
| 63 | Accum. Deferred Income Taxes-Other Property | * | 212-211 | 6.45 | 52,625,233 | 6,217,649,577 | | |
| 64 | Accum. Deferred Income Taxes-Other (283) | (202) | | | 12,929,163 | 2,650,457,189 | | |
| 65 | Total Deferred Credits (lines 56 through 64) | | | | 28,542,758 | 10,633,827,631 | | |
| 66 | TOTAL LIABILITIES AND STOCKHOLDER EQ | UITV (lines 16, 24, 25, 54 and 65) | | | 15,952,170 | 36,933,849,967 | | |
| | | (| | 33,5 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ,, | | |
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| Name | e of Respondent | This Report Is: (1) X An Original | | | ate of Report lo, Da, Yr) | | Year/Period of Report | | | | | |
|--|--|--------------------------------------|-------------------------------------|---|--|---------------------------------|-----------------------|--|--|--|--|--|
| Duke Energy Carolinas, LLC (1) | | | submission | | 10, 5a, 11) 1/13/2017 | End of _ | 2016/Q4 | | | | | |
| STATEMENT OF INCOME | | | | | | | | | | | | |
| data i 2. Ent | port in column (c) the current year to date balance n column (k). Report in column (d) similar data for ter in column (e) the balance for the reporting quar | the previous yea ter and in colum | ar. This inform in (f) the balan | ation is reporte | d in the annual filine three month perio | g only. od for the prior yea | ar. | | | | | |
| 3. Report in column (g) the quarter to date amounts for electric utility function; in column (i) the quarter to date amounts for gas utility, and in column (k) the quarter to date amounts for other utility function for the current year quarter. | | | | | | | | | | | | |
| | port in column (h) the quarter to date amounts for | | | nn (j) the quart | er to date amounts | for gas utility, and | l in column (I) | | | | | |
| | the quarter to date amounts for other utility function for the prior year quarter. | | | | | | | | | | | |
| 5. If a | 5. If additional columns are needed, place them in a footnote. | | | | | | | | | | | |
| Annua | al or Quarterly if applicable | | | | | | | | | | | |
| | not report fourth quarter data in columns (e) and (| | | | | | | | | | | |
| | port amounts for accounts 412 and 413, Revenues ty department. Spread the amount(s) over lines 2 | | | | | | imilar manner to | | | | | |
| | port amounts in account 414, Other Utility Operation | | | | | | | | | | | |
| Line | , | <u> </u> | | Total | Total | Current 3 Months | Prior 3 Months | | | | | |
| No. | | | | Current Year to | Prior Year to | Ended | Ended | | | | | |
| | T:: | | (Ref.) | Date Balance for | | Quarterly Only | Quarterly Only | | | | | |
| | Title of Account (a) | | Page No. (b) | Quarter/Year (c) | Quarter/Year (d) | No 4th Quarter (e) | No 4th Quarter (f) | | | | | |
| 1 | UTILITY OPERATING INCOME | | (b) | (6) | (u) | (e) | (1) | | | | | |
| | Operating Revenues (400) | | 300-301 | 7,332,914,69 | 7,231,120,691 | | | | | | | |
| | Operating Expenses | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , | | | | | | | |
| | Operation Expenses (401) | | 320-323 | 3,149,546,1 | 3,220,067,525 | | | | | | | |
| | Maintenance Expenses (402) | | 320-323 | 674,939,7 | _ | | | | | | | |
| | Depreciation Expense (403) | | 336-337 | 951,571,6 | | | | | | | | |
| | Depreciation Expense for Asset Retirement Costs (403.1) | | 336-337 | | | | | | | | | |
| | Amort. & Depl. of Utility Plant (404-405) | | 336-337 | 45,761,3 | 35,412,151 | | | | | | | |
| | Amort. of Utility Plant Acq. Adj. (406) | | 336-337 | ,. | 33,112,121 | | | | | | | |
| | Amort. Property Losses, Unrecov Plant and Regulatory Stud | v Costs (407) | | | | | | | | | | |
| | Amort. of Conversion Expenses (407) | , , | | | | | | | | | | |
| | Regulatory Debits (407.3) | | | 135,873,3 | 00 136,348,858 | | | | | | | |
| | (Less) Regulatory Credits (407.4) | | | 21,202,7 | | | | | | | | |
| 14 | , , , , , | | 262-263 | 272,463,8 | | | | | | | | |
| 15 | Income Taxes - Federal (409.1) | | 262-263 | 122,520,1 | | | | | | | | |
| 16 | - Other (409.1) | | 262-263 | 22,693,7 | | | | | | | | |
| 17 | Provision for Deferred Income Taxes (410.1) | | 234, 272-277 | 1,414,173,4 | _ | | | | | | | |
| 18 | (Less) Provision for Deferred Income Taxes-Cr. (411.1) | | 234, 272-277 | 933,438,8 | | | | | | | | |
| 19 | Investment Tax Credit Adj Net (411.4) | | 266 | -5,263,0 | | | | | | | | |
| 20 | (Less) Gains from Disp. of Utility Plant (411.6) | | | | | | | | | | | |
| 21 | Losses from Disp. of Utility Plant (411.7) | | | 121,4 | 15 | | | | | | | |
| 22 | (Less) Gains from Disposition of Allowances (411.8) | | | -425,3 | -332,182 | | | | | | | |
| 23 | Losses from Disposition of Allowances (411.9) | | | | | | | | | | | |
| 24 | Accretion Expense (411.10) | | | | | | | | | | | |
| 25 | TOTAL Utility Operating Expenses (Enter Total of lines 4 thr | u 24) | | 5,830,185,6 | 5,852,144,742 | | | | | | | |
| 26 | Net Util Oper Inc (Enter Tot line 2 less 25) Carry to Pg117,lin | ne 27 | | 1,502,729,0 | 79 1,378,975,949 | | | | | | | |
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| | | This Report Is: (1) | | Date of Report (Mo, Da, Yr) | Year/Period of Repo | | |
|--|--|---|--|---|---|------|--|
| Duke Energy Carolinas, | LLC | (2) A Resubmiss | sion | 04/13/2017 | End of2016/Q4 | | |
| | | STATEMENT OF INC | OME FOR THE YEA | AR (Continued) | | | |
| Give concise explana nade to the utility's custone gross revenues or con | rtant notes regarding the stations concerning unsettled ramers or which may result in sts to which the contingency | ate proceedings where a commaterial refund to the utili relates and the tax effect | contingency exists s ity with respect to po s together with an e | ower or gas purchases xplanation of the majo | State for each year effe | cted | |
| 1 Give concise explanat | n revenues or recover amour ions concerning significant a nues received or costs incur | mounts of any refunds m | ade or received duri | ing the year resulting f | | | |
| 3. Enter on page 122 a cluding the basis of allo 4. Explain in a footnote | g in the report to stokholders concise explanation of only t cations and apportionments if the previous year's/quarter ufficient for reporting additio | hose changes in accounti from those used in the pr 's figures are different fro | ing methods made or receding year. Also, m that reported in pi | during the year which he give the appropriate do not reports. | nad an effect on net incom ollar effect of such change | es. | |
| | RIC UTILITY | GASI | JTILITY | | OTHER UTILITY | | |
| Current Year to Date | Previous Year to Date | Current Year to Date | Previous Year to D | | | Line | |
| (in dollars) | (in dollars) | (in dollars) | (in dollars) | (in dollars) | (in dollars) | No. | |
| (g) | (h) | (i) | (j) | (k) | (1) | | |
| | | | | | | | |
| 7,332,914,693 | 7,231,120,691 | | | | | 2 | |
| 3,149,546,154 | 3,220,067,525 | | | | | ` | |
| 674,939,732 | 695,078,065 | | | | | | |
| 951,571,661 | 919,495,794 | | | | | (| |
| | | | | | | - | |
| 45,761,394 | 35,412,151 | | | | | 3 | |
| | | | | | | (| |
| | | | | | | 10 | |
| | | | | | | 1 | |
| 135,873,300 | 136,348,858 | | | | | 12 | |
| 21,202,738 | 13,335,593 | | | | | 13 | |
| 272,463,846 | 264,750,428 | | | | | 14 | |
| 122,520,135 | 220,187,191 | | | | | 1: | |
| 22,693,718 | 13,408,254 | | | | | 10 | |
| 1,414,173,472 | 1,367,499,969 | | | | | 17 | |
| 933,438,808 | 1,001,621,484 | | | | | 18 | |
| -5,263,008 | -5,478,598 | | | | | 1 | |
| | | | | | | 20 | |
| 121,415 | | | | | | 2 | |
| -425,341 | -332,182 | | | | | 2: | |
| | | | | | | 23 | |
| E 000 40E 044 | 5 050 444 740 | | | | | 24 | |
| 5,830,185,614 | 5,852,144,742 | | | | | 2: | |
| 1,502,729,079 | 1,378,975,949 | | | | | | |
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| Name of Respondent This Repo | | Report Is: X An O | : ls:) Original | | | e of Report , Da, Yr) | Year/Period of Report | | | |
|------------------------------|--|----------------------|---------------------|--------------|------------|--------------------------|-----------------------|------------------|----------------|--|
| Duke | e Energy Carolinas, LLC | (2) | | submission | | | 3/2017 | End of2016/Q4 | | |
| | STA | TEME | NT OF IN | COME FOR T | HE YEA | R (contir | nued) | | | |
| Line | | | | | | - | TAL | Current 3 Months | Prior 3 Months | |
| No. | | | | | | | | Ended | Ended | |
| | | | | (Ref.) | | | | Quarterly Only | Quarterly Only | |
| | Title of Account | | | Page No. | Curren | t Year | Previous Year | No 4th Quarter | No 4th Quarter | |
| | (a) | | | (b) | (| c) | (d) | (e) | (f) | |
| | | | | | | | | | | |
| 27 | Net Utility Operating Income (Carried forward from page 114 | 1\ | | | 1 500 | 2,729,079 | 1,378,975,949 | | | |
| | Other Income and Deductions | †) | | | 1,502 | 2,723,073 | 1,570,975,949 | | | |
| | Other Income | | | | | | | | | |
| | Nonutilty Operating Income | | | | | | | | | |
| | Revenues From Merchandising, Jobbing and Contract Work | (415) | | | | | | | | |
| | (Less) Costs and Exp. of Merchandising, Job. & Contract Wo | . , | ١ | | | | | | | |
| | Revenues From Nonutility Operations (417) | OIR (+10) |) | | 16 | 5,229,228 | 16,639,996 | | | |
| | (Less) Expenses of Nonutility Operations (417.1) | | | | | 0,847,382 | 9,433,921 | | | |
| | Nonoperating Rental Income (418) | | | | | 1,968,489 | -3,769,142 | | | |
| | Equity in Earnings of Subsidiary Companies (418.1) | | | 119 | | 288,147 | -0,700,142 | | | |
| | Interest and Dividend Income (419) | | | 110 | | 3,961,105 | 2,005,076 | | | |
| | Allowance for Other Funds Used During Construction (419.1 | 1) | | | | 1,909,393 | 96,346,460 | | | |
| | Miscellaneous Nonoperating Income (421) | 1 | | | | 6,692,854 | 62,049,305 | | | |
| | Gain on Disposition of Property (421.1) | | | | 30 | 287,219 | 62,049,305 | | | |
| 41 | TOTAL Other Income (Enter Total of lines 31 thru 40) | | | | 166 | 287,219 6,552,075 | 163,900,570 | | | |
| 42 | Other Income Deductions | | | | 100 | 0,002,070 | 163,900,370 | | | |
| | | | | | | - 022 502 | 715 204 | | | |
| | Loss on Disposition of Property (421.2) | | | | | 5,032,503 | 715,294 | | | |
| 44 45 | Miscellaneous Amortization (425) | | | | | 9,979 | 9,979 | | | |
| 46 | Donations (426.1) | | | | 02 | 2,553,334 | 5,228,172 | | | |
| 46 | Life Insurance (426.2) | | | | | 40 224 | 10 001 702 | | | |
| | Penalties (426.3) | | | | | -46,334 | 10,601,723 | | | |
| 48 49 | Exp. for Certain Civic, Political & Related Activities (426.4) | | | | | 3,662,833 | 4,586,372 | | | |
| | Other Deductions (426.5) | | | | | 3,414,039 | 4,659,632 | | | |
| 50 | TOTAL Other Income Deductions (Total of lines 43 thru 49) | | | | | 1,626,354 | 25,801,172 | | | |
| 51 | Taxes Applic. to Other Income and Deductions | | | 000.000 | | 0.047.700 | 2 055 022 | | | |
| 52 | Taxes Other Than Income Taxes (408.2) | | | 262-263 | | 3,247,700 | 3,855,833 | | | |
| | Income Taxes-Federal (409.2) Income Taxes-Other (409.2) | | | 262-263 | | 5,877,171 2,102,950 | -4,092,633 455,357 | | | |
| _ | , | | | 262-263 | | | | | | |
| | Provision for Deferred Inc. Taxes (410.2) (Less) Provision for Deferred Income Taxes-Cr. (411.2) | | | 234, 272-277 | | 9,821,736 | 58,259,258 | | | |
| _ | Investment Tax Credit AdjNet (411.5) | | | 234, 272-277 | | 5,416,824 | 21,783,329 | | | |
| _ | (Less) Investment Tax Credit (420) | | | | | | | | | |
| | TOTAL Taxes on Other Income and Deductions (Total of line | oo E2 E0 |)\ | | 16 | 5,632,733 | 36,694,486 | | | |
| | Net Other Income and Deductions (Total of lines 41, 50, 59) | es 32-30 | <u>')</u> | | | 5,292,988 | 101,404,912 | | | |
| | Interest Charges | | | | 1. | 5,292,900 | 101,404,912 | | | |
| | Interest Orlarges Interest on Long-Term Debt (427) | | | | /10 | 9,512,738 | 405,487,890 | | | |
| | Amort. of Debt Disc. and Expense (428) | | | | | 6,189,395 | 7,380,854 | | | |
| | Amort. or Debt Disc. and Expense (426) Amortization of Loss on Reaquired Debt (428.1) | | | | | | 9,914,742 | | | |
| | (Less) Amort. of Premium on Debt-Credit (429) | | | | | 7,468,644 | 3,314,142 | | | |
| | (Less) Amortization of Gain on Reaquired Debt-Credit (429) | 1) | | | | | | | | |
| | Interest on Debt to Assoc. Companies (430) | '/ | | | | 2,645,919 | 1,625,232 | | | |
| | Other Interest Expense (431) | | | | 14,693,132 | | 12,620,746 | | | |
| | (Less) Allowance for Borrowed Funds Used During Construc | rtion-Cr | (432) | | 38,333,449 | | 37,576,312 | | | |
| | Net Interest Charges (Total of lines 62 thru 69) | Jaon-Or. | (402) | | | | 399,453,152 | | | |
| | Income Before Extraordinary Items (Total of lines 27, 60 and | 170) | | | | | 1,080,927,709 | | | |
| | Extraordinary Items (10tal of lines 27, 60 and | . 10) | | | 1,100 | J,UTU,UUU | 1,000,921,109 | | | |
| | Extraordinary Income (434) | | | | | | | | | |
| | (Less) Extraordinary Deductions (435) | | | | | | | | | |
| | Net Extraordinary Items (Total of line 73 less line 74) | | | | | | | | | |
| | Income Taxes-Federal and Other (409.3) | | | 262 262 | | | | | | |
| | Extraordinary Items After Taxes (line 75 less line 76) | | | 262-263 | | | | | | |
| _ | | | | | 1 107 | 2 8 VE 600 | 1 000 007 700 | | | |
| 10 | Net Income (Total of line 71 and 77) | | | | 1,100 | 5,845,688 | 1,080,927,709 | | | |
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| Name of Respondent | | This Report Is: (1) XAn Original | | | | (Mo Da Yr) | | | ear/Period of Report | | |
|----------------------------|--|----------------------------------|-----------------|--------------------------|------------|-------------------------|--------------------|---|-------------------------|--|--|
| Duke Energy Carolinas, LLC | | (2) A Resubmission | | | 04/13/2017 | | End of | 2010/04 | | | |
| | | STA | TE | MENT OF RETAINED E | ARNIN | GS | | | | | |
| 1. Do | not report Lines 49-53 on the quarterly vers | ion. | | | | | | | | | |
| | eport all changes in appropriated retained ea | | i, u | nappropriated retained | d earni | ngs, year t | to date, and | d unappro | priated | | |
| | tributed subsidiary earnings for the year. | | | | | | | | | | |
| | ach credit and debit during the year should b | | | | arning | s account | in which red | corded (A | ccounts 433, 436 | | |
| | inclusive). Show the contra primary accoun | | | | | | | | | | |
| | ate the purpose and amount of each reserva | | | | | • | | | | | |
| | st first account 439, Adjustments to Retained | l Earni | ng | s, reflecting adjustmer | nts to t | he opening | g balance o | f retained | earnings. Follow | | |
| | edit, then debit items in that order. | | | | | | | | | | |
| | now dividends for each class and series of ca | | | | | 400 4 1 | | D : 1 : 1 : | | | |
| | now separately the State and Federal income | | | | | | | | | | |
| | cplain in a footnote the basis for determining rent, state the number and annual amounts to | | | | | | | | | | |
| | any notes appearing in the report to stockhol | | | | | | | | | | |
| 9. 11 | any notes appearing in the report to stockhol | ueis a | ıı C | applicable to this state | emem, | include th | em on page | 55 122-12 | J. | | |
| | | | | 1 | | 1 | | | | | |
| | | | | | | | Curre | | Previous | | |
| | | | | | | | Quarter/ | | Quarter/Year | | |
| 1.5 | Item | | | | | a Primary t Affected | Year to l Balan | | Year to Date Balance | | |
| Line No. | | | | 1 | | | | ce | | | |
| INO. | (a) | | 0.10 | | | (b) | (c) | | (d) | | |
| 4 | UNAPPROPRIATED RETAINED EARNINGS (AC | count | 216 | 5) | | | 7.000 | 070.040 | 7.424.004.700 | | |
| 1 | Balance-Beginning of Period | | | | | | 7,800 | 0,079,212 | 7,134,284,708 | | |
| 2 | Changes | | | | | | | | | | |
| 3 | Adjustments to Retained Earnings (Account 439) | | | | | | | ı | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | TOTAL 0. III + D | | | | | | | | | | |
| 9 | TOTAL Credits to Retained Earnings (Acct. 439) | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | TOTAL Debits to Detained Fernings (Acet. 420) | | | | | | | | | | |
| | TOTAL Debits to Retained Earnings (Acct. 439) | A | | nt 410 1) | | | 1 165 | . EE7 E41 | 1,080,927,709 | | |
| | Balance Transferred from Income (Account 433 Appropriations of Retained Earnings (Acct. 436) | ess Ac | COU | 11(4 10. 1) | | | 1,100 | 5,557,541 | 1,000,927,709 | | |
| 18 | Appropriations of Retained Earnings (Acct. 436) | | | | | | 10 | 3,371,984 | (15,133,205) | | |
| 19 | | | | | | | -10 | 5,37 1,904 | (13,133,203) | | |
| 20 | | | | | | | | | | | |
| 21 | | | | | | | | | | | |
| | TOTAL Appropriations of Retained Earnings (Acc | + 436) | | | | | _13 | 3,371,984 | (15,133,205) | | |
| 23 | Dividends Declared-Preferred Stock (Account 43) | | | | | | -10 | 5,57 1,904 | (13, 133,203) | | |
| 24 | Dividends Decialed-Freiened Stock (Account 45 | ') | | | | | | | | | |
| 25 | | | | | | | | | | | |
| 26 | | | | | | | | | | | |
| 27 | | | | | | | | | | | |
| 28 | | | | | | | | | | | |
| | TOTAL Dividends Declared-Preferred Stock (Acc | † <u>4</u> 37\ | | | | | | | | | |
| | Dividends Declared-Common Stock (Account 438 | | | | | | | | | | |
| 31 | Cash Dividend to Parent | -1 | | | | | -2 000 | 0,000,000 | (400,000,000) | | |
| 32 | Cast. Difficult to Fallont | | | | | | 2,000 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | (100,000,000) | | |
| 33 | | | | | | | | | | | |
| 34 | | | | | | | | | | | |
| 35 | | | | | | | | | | | |
| | TOTAL Dividends Declared-Common Stock (Acc | t. 438) | | | | | -2 000 | 0,000,000 | (400,000,000) | | |
| - | Transfers from Acct 216.1, Unapprop. Undistrib. | | jarv | Earnings | | | 2,000 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | (100,000,000) | | |
| | Balance - End of Period (Total 1,9,15,16,22,29,36 | | y | | | | 6 952 | 2,264,769 | 7,800,079,212 | | |
| | APPROPRIATED RETAINED EARNINGS (According to the control of the co | | 5) | | | | 3,002 | .,_0 1,7 00 | . ,555,010,212 | | |
| 39 | | | , | | | | | | | | |
| 10 | | | | | | | | | | | |

| Name of Respondent Duke Energy Carolinas, LLC | | This Report Is: (1) XAn Original (2) A Resubmission | | Date of Ro (Mo, Da, \ 04/13/201 | ⁄r) | Year/Period of Report End of2016/Q4 | | | |
|--|---|--|--------|---------------------------------------|---|---|---------------|--|--|
| | | (2) A Resubmission 04/13/2017 STATEMENT OF RETAINED EARNINGS | | | / | | | | |
| 1. Do | not report Lines 49-53 on the quarterly vers | | | | | | | | |
| Report all changes in appropriated retained earnings, unappropriated retained earnings, year to date, and unappropriated | | | | | | | | | |
| | undistributed subsidiary earnings for the year. | | | | | | | | |
| | 3. Each credit and debit during the year should be identified as to the retained earnings account in which recorded (Accounts 433, 436 | | | | | | | | |
| | - 439 inclusive). Show the contra primary account affected in column (b) | | | | | | | | |
| | ate the purpose and amount of each reserva | | ed ear | nings. | | | | | |
| | 5. List first account 439, Adjustments to Retained Earnings, reflecting adjustments to the opening balance of retained earnings. Follow | | | | | | | | |
| | edit, then debit items in that order. | 32, 2 222 3 23, | | | , | | 3 | | |
| _ | now dividends for each class and series of ca | apital stock. | | | | | | | |
| | now separately the State and Federal income | | accour | nt 439. Adiu | stments to | Retained | Earnings. | | |
| | xplain in a footnote the basis for determining | | | | | | | | |
| | rent, state the number and annual amounts t | | | | | | | | |
| | any notes appearing in the report to stockhol | | | | | | | | |
| 0 | and notice appearing in the report to etceined | | | , | o pag | | | | |
| | | | 1 | | | | | | |
| | | | | | Curre | | Previous | | |
| | | | | | Quarter/ | | Quarter/Year | | |
| | | | | tra Primary | Year to | | Year to Date | | |
| Line | Item | | Accou | unt Affected | Balan | ce | Balance | | |
| No. | (a) | | | (b) | (c) | | (d) | | |
| 41 | | | | | | | | | |
| 42 | | | | | | | | | |
| 43 | | | | | | | | | |
| 44 | | | | | | | | | |
| 45 | TOTAL Appropriated Retained Earnings (Accoun | t 215) | | | | | | | |
| | APPROP. RETAINED EARNINGS - AMORT. Re | serve, Federal (Account 215.1) | | | | | | | |
| 46 | TOTAL Approp. Retained Earnings-Amort. Reser | rve, Federal (Acct. 215.1) | | | 102 | 2,869,711 | 89,497,727 | | |
| 47 | TOTAL Approp. Retained Earnings (Acct. 215, 2 | 15.1) (Total 45,46) | | | 102 | 2,869,711 | 89,497,727 | | |
| | TOTAL Retained Earnings (Acct. 215, 215.1, 216 | | | | | 5,134,480 | 7,889,576,939 | | |
| | UNAPPROPRIATED UNDISTRIBUTED SUBSID | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 7-1-7-1 | | |
| | Report only on an Annual Basis, no Quarterly | THE EXECUTION (NOODUIN | | | | | | | |
| 10 | Balance-Beginning of Year (Debit or Credit) | | | | • | 2,729,324 | 2,729,324 | | |
| | Equity in Earnings for Year (Credit) (Account 418 | : 1) | | | | 288,147 | 2,720,024 | | |
| 51 | (Less) Dividends Received (Debit) | | | | | 200, 147 | | | |
| 52 | (Less) Bividendo Neserved (Besit) | | | | | | | | |
| | Balance-End of Year (Total lines 49 thru 52) | | | | 3 | 3,017,471 | 2,729,324 | | |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 118 Line No.: 46 Column: c

A specified reasonable rate of return upon the net investment in the hydro project(s) shall be used for determining surplus earnings of the project for the establishment and maintenance of amortization reserves. The Licensee shall set aside in a project amortization reserve account at the end of each fiscal year one half of the project surplus earnings, if any, in excess of the specified rate of return per annum on the net investment. To the extent that there is a deficiency of project earnings below the specified rate of return per annum for any fiscal year, the Licensee shall deduct the amount of that deficiency from the amount of any surplus earnings subsequently accumulated, until absorbed.

| Company Continues Contin | | e of Respondent | l (1) 🖾 An Original I (Mo Da Yr) I | | | | | | |
|--|-------------------------|--|------------------------------------|--|---|----------------------|---|--|--|
| Doctor to be used (s) Net Proceeds or Payments (USbords, decentures and other long-term debt. (c) Induse commercials paper, and (c) Identify separately such terms as informational control control in the intermination about nonceast inventing and financing advisites must be provided in the Notes to the Francisal statements. Also provides an exocilation between "Cash and Cash (C) Industrial Activities - Control Industrial Statements - Choice - Industrial Sta | Duke | Duke Energy Carolinas, LLC | | A Resubmission | (| End of2016/Q4 | | | |
| recostments, fixed associs, integraptions, onc. 2 politoriants a state microactis investing and financing schellers must be provided in the Notes to the Financial statements. Also provide a recordilation between "Cash and Cash Capitalisms and End of Previols" in Header acroscus to the States of States. 2 politoriants and inclinate acroscus in the States of the Notes and Previols and End of Previols in Header acroscus to the States of States. 3 politoriants and the Notes of the States of States and Previols of States and Previols and Previols of States and Previols of Previols of States and Previols of Previols of Previols of Previols o | STATEMENT OF CASH FLOWS | | | | | | | | |
| 3) Operating Activities - Other Include gains and bosses pertaining be operating activities only. Gains and losses pertaining to investing and financing schillers and the report in those achillers. Show in the Notes to the infinited set in those and inclined to inclined the part of invested part of investing Activities in thicke at Other (pine 5) yet cath valuation is experient under companies. Provide a recordishor of insense acquired with biabilities assumed in the Notes to activate the part of the Notes to Control of the No | investr (2) Info | nents, fixed assets, intangibles, etc. prmation about noncash investing and financing activities | must be | provided in the Notes to the Financial | | | | | |
| International Statements Control include on this statement the dollar amount of leases capitatived per the USAN General instruction 20, increased provide a reconciliation of the obtain amount of leases capitation with the plant cost. Line Description (See Instruction No. 1 for Explanation of Codes) Current Year to Date Cuurent/Year (b) | (3) Op | erating Activities - Other: Include gains and losses pertain | ing to o | perating activities only. Gains an | | | financing activities should be reported | | |
| Counter/Year | the Fir | nancial Statements. Do not include on this statement the | | • | | • | | | |
| No. Cash Flow from Operating Activities: Cash Cash Flow from Operating Activities: Cash Flow from Operating Activities Cash Flow from Operating Activities (Total 2 thru 21) Cash Flow from Operating Activities (Total 2 thru 21) Cash Flow from Operating Activities Cash Flow from Investment Activities Cash Activities Cash Activities Cash Activities C | Line | Description (See Instruction No. 1 for F | xplana | tion of Codes) | | Current Year to Date | Previous Year to Date | | |
| Net Cash Flow from Operating Activities: | l I | , , | тр.шш | | | | | | |
| 2 Net Income (Line 78(c) on page 117) 3 Noncash Charges (Credits) to Income: ### Depreciation and Depletion 5 Annotization of primarily nuclear fuel 6 Net (Increase) Decrease in RTM and Hedging Transactions 7 Contributions to Qualified Pensions 8 Note (Increase) Decrease in RTM and Hedging Transactions 9 Net (Increase) Decrease in RTM and Hedging Transactions 9 Net (Increase) Decrease in Receivables 9 Deferred Income Taxes (Net) 9 Investment Tax Credit Adjustment (Net) 9 Net (Increase) Decrease in Receivables 9 Net (Increase) Decrease in Receivables 9 Net (Increase) Decrease in Receivables 9 Net (Increase) Decrease in Investory 10 Net (Increase) Decrease in Investory 11 Net (Increase) Decrease in Investory 12 Net (Increase) Decrease in Allowances Investory 13 Net (Increase) Decrease in Other Regulatory Assets 14 Net (Increase) Decrease in Other Regulatory Assets 15 Net Increase (Decrease) in Physables and Accrued Expenses 16 Net Increase) Decrease in Other Regulatory Assets 17 Net Increase) Decrease in Other Regulatory Assets 17 Net Increase) Decrease in Other Regulatory Seates 18 Net Increase) Decrease in Other Regulatory Seates 19 Net Increase) Decrease in Other Regulatory Seates 10 Net Increase) Decrease in Other Regulatory Seates 11 Net Increase) Decrease in Other Regulatory Seates 12 Net Increase) Decrease in Other Regulatory Seates 13 Net Increase) Decrease in Other Regulatory Seates 14 Net Increase) Decrease in Other Regulatory Sea | 1 | . , | | | | (D) | (C) | | |
| 3 Noncash Charges (Credits) to Income: 919,495,794 | | , - | | | | 1 165 945 69 | 1 090 027 700 | | |
| 4 Depreciation and Depletion 919,495,796 919,495,796 191,495,796 6 Amortization of primarily nuclear fuel 463,077,0711 463,007,929 147,063 147,0 | | · · · · · · · · · · · · · · · · · · · | | | | 1,105,645,00 | 1,060,927,709 | | |
| 6 Net (Increase) Decrease in MTM and Hedging Transactions 4,628,223 447,003 6 Net (Increase) Decrease in MTM and Hedging Transactions 4,628,223 447,003 7 Contributions to Qualified Pensions 43,138,882 -90,900,156 8 Deferred Income Taxes (Net) 475,139,576 402,354,141 9 Investment Tax Credit Adjustment (Net) 5,263,000 -5,478,598 10 Net (Increase) Decrease in Receivables 24,991,301 -31,862,172 11 Net (Increase) Decrease in Inventory 215,758,508 -157,248,115 12 Net (Increase) Decrease in Inventory 5,352,670 -5,351,474 13 Net Increase (Decrease) in Payables and Accrued Expenses 106,512,572 -14,861,733 14 Net (Increase) Decrease in Other Regulatory Assets -104,287,323 44,075,573 15 Net Increase (Decrease) in Dema Regulatory Liabilities 74,485,163 55,24,624 16 (Less) Allowance for Other Funds Used During Construction 101,999,393 96,346,400 17 (Less) Undistributed Earnings from Subsidiary Companies 288,147 18 Impairment Charges 788,146 906,006 20 Accrued Pension and other post-retirement benefit costs 4,086,696 14,981, | | | | | | 051 571 66 | 010 405 704 | | |
| 6 Net (Increase) Decrease in MTM and Hedging Transactions | | <u> </u> | | | | | | | |
| 7 Contributions to Qualified Pensions | | | anaaat | iona | | | · · · | | |
| 8 Deferred Income Taxes (Net) | | , , , | ansacı | IOTIS | | | | | |
| 9 Investment Tax Credit Adjustment (Net) | | | | | + | | | | |
| 10 | | ` / | | | | | | | |
| 11 Net (Increase) Decrease in Inventory 215,758,508 -157,248,115 | | | | | | | | | |
| 12 Net (Increase) Decrease in Allowances Inventory 13 Net Increase (Decrease) in Payables and Accrued Expenses 108,612,672 1-14,640,738 1 Net Increase (Decrease) in Payables and Accrued Expenses 1-104,287,323 1-14,640,738 15 Net Increase (Decrease) in Other Regulatory Liabilities 7-4,485,163 55,234,824 16 (Less) Allowance for Other Funds Used During Construction 101,909,393 96,346,460 17 (Less) Undistributed Earnings from Subsidiary Companies 18 Impairment Charges 7-88,146 906,006 19 Payments for asset retirement obligations 28,147 18 Impairment Charges 7-88,146 906,006 19 Payments for asset retirement benefit costs 20 Accrued Pension and other post-retirement benefit costs 4,086,696 11 4,981,970 21 Other (provide details in footnote): 8,734,127 5-30,673,382 22 Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21) 2,955,166,975 2,359,185,395 24 Cash Flows from Investment Activities: 25 Construction and Acquisition of Plant (including land): 26 Gross Additions to Utility Plant (less nuclear fuel) 27 Gross Additions to Noutility Plant 28 Gross Additions to Noutility Plant 29 Gross Additions to Noutility Plant 30 (Less) Allowance for Other Funds Used During Construction 31 Other (provide details in footnote): 32 Acquisition of Other Noncurrent Assets (d) 33 Proceeds from Disposal of Noncurrent Assets (d) 34 Cash Outflows for Plant (Total of lines 26 thru 33) 35 Acquisition of Other Noncurrent Assets (d) 36 Acquisition of Other Noncurrent Assets (d) 37 Proceeds from Disposal of Noncurrent Assets (d) 38 Investments in and Advances to Assoc. and Subsidiary Companies 40 Disposition of Investments in (and Advances to) 41 Disposition of Investments in (and Advances to) 42 Associated and Subsidiary Companies 43 Purchase of Investments in (and Advances to) 44 Purchase of Investment Securities (a) 45 -2,555,033,974 | | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| 13 | | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| 14 Net (Increase) Decrease in Other Regulatory Assets -104,287,323 44,075,573 15 Net Increase (Decrease) in Other Regulatory Liabilities 74,485,163 55,234,824 16 (Less) Allowance for Other Funds Used During Construction 101,909,333 96,346,460 17 (Less) Undistributed Earnings from Subsidiary Companies 288,147 18 Impairment Charges 788,146 906,006 19 Payments for asset retirement obligations -286,906,011 -167,066,666 20 Accrued Pension and other post-retirement benefit costs 4,086,696 14,981,997 21 Other (provide details in footnote): 8,734,127 -50,907,382 22 Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21) 2,955,166,975 2,359,185,395 23 24 Cash Flows from Investment Activities: 2 25 Construction and Acquisition of Plant (including land): -2,072,359,737 -1,755,898,087 27 Gross Additions to Utility Plant (less nuclear fuel) -246,962,893 -273,195,351 28 Gross Additions to Nuclear Fuel -246,962,893 -273,195,351 39 Gross Additions to Nomulity Plant -101,909,393 -96,346,460 30 (Less) Allowance for Other Funds Used During Construct | | | . – | | | | | | |
| 15 Net Increase (Decrease) in Other Regulatory Liabilities 74,485,163 55,234,824 16 (Less) Allowance for Other Funds Used During Construction 101,909,393 96,346,460 17 (Less) Undistributed Earnings from Subsidiary Companies 288,147 18 Impairment Charges 788,146 906,006 19 Payments for asset retirement obligations -286,906,011 -167,066,666 20 Accrued Pension and other post-retirement benefit costs 4,086,696 14,981,970 21 Other (provide details in footnote): 8,734,127 -53,057,382 22 Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21) 2,955,166,975 2,359,185,395 23 24 Cash Flows from Investment Activities: 5 5 24 Cash Flows from Investment Activities: 5 5 25 Construction and Acquisition of Plant (including land): -1,755,898,087 27 Gross Additions to Nuclear Fuel -2,072,359,737 -1,755,898,087 27 Gross Additions to Nonutility Plant 5 5 28 Gross Additions to Nonutilit | | | | nses | | | | | |
| 16 (Less) Allowance for Other Funds Used During Construction 101,909,393 96,346,460 17 (Less) Undistributed Earnings from Subsidiary Companies 288,147 18 Impairment Charges 788,146 906,006 19 Payments for asset retirement obligations -226,996,011 -167,066,666 20 Accrued Pension and other post-retirement benefit costs 4,086,696 14,981,970 21 Other (provide details in footnote): 8,734,127 -53,057,382 22 Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21) 2,955,166,975 2,359,185,395 23 2 Cash Flows from Investment Activities: 2 2,072,359,737 2,359,185,395 24 Cash Flows from Investment Activities: 2 2 2,072,359,737 -1,755,898,087 25 Construction and Acquisition of Plant (including land): 2 -2,072,359,737 -1,755,898,087 26 Gross Additions to Utility Plant (less nuclear fuel) -2,072,359,737 -1,755,898,087 27 Gross Additions to Nonutility Plant -2 -2 -246,962,893 -273,195,351 <td></td> <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | <u> </u> | | | | | | | |
| 17 (Less) Undistributed Earnings from Subsidiary Companies 288,147 906,006 19 Payments Charges 788,146 906,006 19 Payments for asset retirement obligations -286,906,011 -167,066,666 20 Accrued Pension and other post-retirement benefit costs 4,086,696 14,981,970 21 Other (provide details in footnote): 8,734,127 -53,057,382 22 Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21) 2,955,166,975 2,359,185,395 23 24 Cash Flows from Investment Activities: 25 Construction and Acquisition of Plant (including land): -2,072,359,737 -1,755,898,087 27 Gross Additions to Utility Plant (less nuclear fuel) -2,2072,359,737 -1,755,898,087 27 Gross Additions to Noutlity Plant -246,962,893 -273,195,351 27 Gross Additions to Noutlity Plant -2 Gross Additions to Nou | | , | | | | | | | |
| 18 | | , | | | | | | | |
| 19 Payments for asset retirement obligations -286,906,011 -167,066,666 20 Accrued Pension and other post-retirement benefit costs 4,086,966 14,981,970 21 Other (provide details in footnote): 8,734,127 -53,057,382 22 Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21) 2,955,166,975 2,359,185,395 23 24 Cash Flows from Investment Activities: 25 Construction and Acquisition of Plant (including land): -2,072,359,737 -1,755,898,087 26 Gross Additions to Utility Plant (less nuclear fuel) -2,072,359,737 -1,755,898,087 27 Gross Additions to Nonutility Plant -246,962,893 -273,195,351 28 Gross Additions to Nonutility Plant -246,962,893 -273,195,351 29 Gross Additions to Nonutility Plant -246,962,893 -273,195,351 30 (Less) Allowance for Other Funds Used During Construction -101,909,393 -96,346,460 31 Other (provide details in footnote): -32 -33 32 -33 -34 Cash Outflows for Plant (Total of lines 26 thru 33) -2,217,413,237 -1,932,746,978 38 -39 Investments in and Advances to Assoc. and Subsidiary Companies 96,866,000 -128,580,000 40 Contributions and Advances from Assoc. and Subsidiary Companies 96,866,000 -128,580,000 40 Contributions and Advances from Assoc. and Subsidiary Companies 96,866,000 -2,255,033,974 44 Purchase of Investments in (and Advances to) -2,255,033,974 45 Purchase of Investment Securities (a) -2,255,033,974 46 Purchase of Investment Securities (a) -2,255,033,974 47 Purchase of Investment Securities (a) -2,255,033,974 48 Purchase of Investment Securities (a) -2,255,033,974 49 Purchase of Investment Securities (a) -2,255,033,974 40 Purchase of Investment Securities (a) -2,255,033,974 40 Purchase of Investment Securities (a) -2,255,033,974 41 Purchase of Investment Securities (a) -2,255,033,974 42 Purchase of Investment Securities (a) -2,255,033,974 4 | | | | | | <u> </u> | | | |
| Accrued Pension and other post-retirement benefit costs | | | | | | | | | |
| 21 Other (provide details in footnote): 8,734,127 -53,057,382 22 Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21) 2,955,166,975 2,359,185,395 23 | 19 | Payments for asset retirement obligations | | | | -286,906,01 | -167,066,666 | | |
| 22 Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21) 2,955,166,975 2,359,185,395 23 Cash Flows from Investment Activities: | 20 | Accrued Pension and other post-retirement benef | it costs | 3 | | 4,086,69 | 96 14,981,970 | | |
| 23 Cash Flows from Investment Activities: 25 Construction and Acquisition of Plant (including land): 26 Gross Additions to Utility Plant (less nuclear fuel) -2,072,359,737 -1,755,898,087 27 Gross Additions to Nuclear Fuel -246,962,893 -273,195,351 28 Gross Additions to Common Utility Plant | | , | | | | 8,734,12 | -53,057,382 | | |
| 25 Construction and Acquisition of Plant (including land): 26 Gross Additions to Utility Plant (less nuclear fuel) -2,072,359,737 -1,755,898,087 27 Gross Additions to Nuclear Fuel -246,962,893 -273,195,351 28 Gross Additions to Common Utility Plant | | Net Cash Provided by (Used in) Operating Activiti | es (To | tal 2 thru 21) | | 2,955,166,97 | 75 2,359,185,395 | | |
| 25 Construction and Acquisition of Plant (including land): 26 Gross Additions to Utility Plant (less nuclear fuel) -2,072,359,737 -1,755,898,087 27 Gross Additions to Nuclear Fuel -246,962,893 -273,195,351 28 Gross Additions to Common Utility Plant | 24 | Cash Flows from Investment Activities: | | | | | | | |
| 26 Gross Additions to Utility Plant (less nuclear fuel) 27 Gross Additions to Nuclear Fuel 28 Gross Additions to Common Utility Plant 29 Gross Additions to Nonutility Plant 30 (Less) Allowance for Other Funds Used During Construction 31 Other (provide details in footnote): 32 Cash Outflows for Plant (Total of lines 26 thru 33) 33 -2,217,413,237 -1,932,746,978 35 -2,217,413,237 -1,932,746,978 36 Acquisition of Other Noncurrent Assets (d) 37 Proceeds from Disposal of Noncurrent Assets (d) 38 Investments in and Advances to Assoc. and Subsidiary Companies 40 Contributions and Advances from Assoc. and Subsidiary Companies 41 Disposition of Investments in (and Advances to) 42 Associated and Subsidiary Companies 43 Purchase of Investment Securities (a) 44 Purchase of Investment Securities (a) 45 -2,832,059,904 -2,555,033,974 | | | nd): | | | | | | |
| 27 Gross Additions to Nuclear Fuel -246,962,893 -273,195,351 28 Gross Additions to Common Utility Plant 29 Gross Additions to Nonutility Plant 30 (Less) Allowance for Other Funds Used During Construction -101,909,393 -96,346,460 31 Other (provide details in footnote): -23 -23 32 -33 -22,217,413,237 -1,932,746,978 35 -22,217,413,237 -1,932,746,978 36 Acquisition of Other Noncurrent Assets (d) -2,217,413,237 -1,932,746,978 37 Proceeds from Disposal of Noncurrent Assets (d) -2,832,059,000 -128,580,000 40 Contributions and Advances to Assoc. and Subsidiary Companies 96,866,000 -128,580,000 40 Contributions and Advances from Assoc. and Subsidiary Companies 96,866,000 -128,580,000 41 Disposition of Investments in (and Advances to) -2,832,059,904 -2,555,033,974 44 Purchase of Investment Securities (a) -2,832,059,904 -2,555,033,974 | | | -, | | | -2.072.359.73 | -1.755.898.087 | | |
| 28 Gross Additions to Common Utility Plant 29 Gross Additions to Nonutility Plant 30 (Less) Allowance for Other Funds Used During Construction 31 Other (provide details in footnote): 32 33 | | | | | | | | | |
| 29 Gross Additions to Nonutility Plant 30 (Less) Allowance for Other Funds Used During Construction -101,909,393 -96,346,460 31 Other (provide details in footnote): 32 | | | | | | -,, | 2, 22, 2 | | |
| 30 (Less) Allowance for Other Funds Used During Construction 31 Other (provide details in footnote): 32 33 34 Cash Outflows for Plant (Total of lines 26 thru 33) 35 4 Acquisition of Other Noncurrent Assets (d) 37 Proceeds from Disposal of Noncurrent Assets (d) 38 39 Investments in and Advances to Assoc. and Subsidiary Companies 40 Contributions and Advances from Assoc. and Subsidiary Companies 41 Disposition of Investments in (and Advances to) 42 Associated and Subsidiary Companies 43 44 Purchase of Investment Securities (a) 45 -2,832,059,904 46 -2,555,033,974 | | <u> </u> | | | | | | | |
| 31 Other (provide details in footnote): 32 | | <u> </u> | onstru | ction | | -101 909 39 | -96 346 460 | | |
| 32 Cash Outflows for Plant (Total of lines 26 thru 33) -2,217,413,237 -1,932,746,978 35 Acquisition of Other Noncurrent Assets (d) 37 Proceeds from Disposal of Noncurrent Assets (d) 38 Investments in and Advances to Assoc. and Subsidiary Companies 96,866,000 -128,580,000 40 Contributions and Advances from Assoc. and Subsidiary Companies 41 Disposition of Investments in (and Advances to) 42 Associated and Subsidiary Companies 43 Purchase of Investment Securities (a) -2,832,059,904 -2,555,033,974 | | - | | | | ,, | 23,213,132 | | |
| 33 Cash Outflows for Plant (Total of lines 26 thru 33) 34 Cash Outflows for Plant (Total of lines 26 thru 33) 35 Cash Outflows for Plant (Total of lines 26 thru 33) 36 Acquisition of Other Noncurrent Assets (d) 37 Proceeds from Disposal of Noncurrent Assets (d) 38 Cash Outflows in and Advances to Assoc. and Subsidiary Companies 39 Investments in and Advances to Assoc. and Subsidiary Companies 40 Contributions and Advances from Assoc. and Subsidiary Companies 41 Disposition of Investments in (and Advances to) 42 Associated and Subsidiary Companies 43 Cash Outflows for Plant (Total of lines 26 thru 33) 44 Purchase of Investment Securities (a) 45 Cash Outflows for Plant (Total of lines 26 thru 33) 46 Cash Outflows for Plant (Total of lines 26 thru 33) 47 Cash Outflows for Plant (Total of lines 26 thru 33) 48 Cash Outflows for Plant (Total of lines 26 thru 33) 49 Cash Outflows for Plant (Total of lines 26 thru 33) 40 Cash Outflows for Plant (Total of lines 26 thru 33) 40 Cash Outflows for Plant (Total of lines 26 thru 33) 41 Cash Outflows for Plant (Total of lines 26 thru 33) 42 Cash Outflows for Plant (Total of lines 26 thru 33) 43 Cash Outflows for Plant (Total of lines 26 thru 33) 44 Purchase of Investment Securities (a) 45 Cash Outflows for Plant (Total of lines 26 thru 33) 46 Cash Outflows for Plant (Total of lines 26 thru 33) 47 Cash Outflows for Plant (Total of lines 26 thru 33) 48 Cash Outflows for Plant (Total of lines 26 thru 33) 49 Cash Outflows for Plant (Total of lines 26 thru 33) 40 Cash Outflows for Plant (Total of lines 26 thru 33) 40 Cash Outflows for Plant (Total of lines 26 thru 33) 41 Cash Outflows for Plant (Total of lines 26 thru 33) 42 Cash Outflows for Plant (Total of lines 26 thru 33) 40 Cash Outflows for Plant (Total of lines 26 thru 33) 41 Cash Outflows for Plant (Total of lines 26 thru 33) 42 Cash Outflows for Plant (Total of lines 26 thru 33) 43 Cash Outflows for Plant (Total of lines 26 thru 33) 44 Cash Outflows for Plant (Total of lines 26 thru 33) 45 Cash Outflows for Plant (Total of | | Care (provide details in resultate). | | | | | | | |
| Cash Outflows for Plant (Total of lines 26 thru 33) -2,217,413,237 -1,932,746,978 35 Acquisition of Other Noncurrent Assets (d) 37 Proceeds from Disposal of Noncurrent Assets (d) 38 Investments in and Advances to Assoc. and Subsidiary Companies 40 Contributions and Advances from Assoc. and Subsidiary Companies 41 Disposition of Investments in (and Advances to) 42 Associated and Subsidiary Companies 43 44 Purchase of Investment Securities (a) -2,832,059,904 -2,555,033,974 | | | | | | | | | |
| 35 Acquisition of Other Noncurrent Assets (d) 37 Proceeds from Disposal of Noncurrent Assets (d) 38 Substitutions and Advances to Assoc. and Subsidiary Companies Substitutions and Advances from Assoc. and Subsidiary Companies Substitutions of Investments in (and Advances to) Substitutions and Substitutions and Substitutions and Substitutions and Advances to) Substitutions and Advances from Assoc. and Substitutions Substitutions and Advances from Assoc. and Substitutions Substit | | Cash Outflows for Plant (Total of lines 26 thru 33) | 1 | | | -2 217 413 23 | -1 932 746 978 | | |
| 36 Acquisition of Other Noncurrent Assets (d) 37 Proceeds from Disposal of Noncurrent Assets (d) 38 39 Investments in and Advances to Assoc. and Subsidiary Companies 40 Contributions and Advances from Assoc. and Subsidiary Companies 41 Disposition of Investments in (and Advances to) 42 Associated and Subsidiary Companies 43 44 Purchase of Investment Securities (a) 45 -2,832,059,904 46 -2,555,033,974 | | Cach Callows for Flam (Folds of Miles 25 and 55) | | | | 2,217,110,20 | 1,002,7 10,010 | | |
| 37 Proceeds from Disposal of Noncurrent Assets (d) | | Acquisition of Other Noncurrent Assets (d) | | | | | | | |
| 38 Investments in and Advances to Assoc. and Subsidiary Companies 96,866,000 -128,580,000 40 Contributions and Advances from Assoc. and Subsidiary Companies 41 Disposition of Investments in (and Advances to) 42 Associated and Subsidiary Companies 43 | | The state of the s | | | | | | | |
| 39 Investments in and Advances to Assoc. and Subsidiary Companies 96,866,000 -128,580,000 40 Contributions and Advances from Assoc. and Subsidiary Companies 41 Disposition of Investments in (and Advances to) 42 Associated and Subsidiary Companies 43 44 Purchase of Investment Securities (a) -2,832,059,904 -2,555,033,974 | | 1 Toolean Hell Biopesal of Neriodilett's tecete (a) | | | | | | | |
| 40 Contributions and Advances from Assoc. and Subsidiary Companies 41 Disposition of Investments in (and Advances to) 42 Associated and Subsidiary Companies 43 44 Purchase of Investment Securities (a) 45 -2,832,059,904 46 -2,555,033,974 | | Investments in and Advances to Assoc, and Subs | idian | Companies | | 96.866.00 | -128 580 000 | | |
| 41 Disposition of Investments in (and Advances to) 42 Associated and Subsidiary Companies 43 Purchase of Investment Securities (a) 44 Purchase of Investment Securities (a) | | | | • | | 50,000,00 | 120,000,000 | | |
| 42 Associated and Subsidiary Companies ———————————————————————————————————— | | | , Sidiai j | , companies | | | | | |
| 43 -2,832,059,904 44 Purchase of Investment Securities (a) -2,832,059,904 | | | | | | | | | |
| 44 Purchase of Investment Securities (a) -2,832,059,904 -2,555,033,974 | | Associated and Subsidiary Companies | | | | | | | |
| | | Durchase of Investment Socurities (c) | | | | 2 833 050 00 | 2 555 022 074 | | |
| 40 Floceeds from Sales of fivestifient Securities (a) 2,832,039,904 2,855,033,974 | | | | | + | | | | |
| | 45 | rioceeus iioiii baies of investment becurities (a) | | | + | 2,832,059,90 | 2,555,033,974 | | |
| | | | | | | | | | |

| Name | e of Respondent | nal | Date of Report (Mo, Da, Yr) Year/Period of Report 2016 | | | | | | | |
|---|---|--------------------|--|--------------------------|----------------------------------|---|--|--|--|--|
| Duke | Energy Carolinas, LLC | X An Origi A Resub | | 1 ' ' F10.01 = | | | | | | |
| | | is | | | | | | | | |
| investr (2) Info | (1) Codes to be used:(a) Net Proceeds or Payments;(b)Bonds, debentures and other long-term debt; (c) Include commercial paper; and (d) Identify separately such items as investments, fixed assets, intangibles, etc. (2) Information about noncash investing and financing activities must be provided in the Notes to the Financial statements. Also provide a reconciliation between "Cash and Cash Equivalents at End of Period" with related amounts on the Balance Sheet. | | | | | | | | | |
| | erating Activities - Other: Include gains and losses pertain | | | ties only. Gains and los | sses pertaining to investing and | financing activities should be reported | | | | |
| in those activities. Show in the Notes to the Financials the amounts of interest paid (net of amount capitalized) and income taxes paid. (4) Investing Activities: Include at Other (line 31) net cash outflow to acquire other companies. Provide a reconciliation of assets acquired with liabilities assumed in the Note: | | | | | | | | | | |
| . , | esting Activities: include at Other (line 31) het cash outflot lancial Statements. Do not include on this statement the o | | • | • | • | | | | | |
| | amount of leases capitalized with the plant cost. | | | | | | | | | |
| Line | Description (See Instruction No. 1 for E | xplana | tion of Code: | 3) | Current Year to Date | Previous Year to Date | | | | |
| No. | · | | | , | Quarter/Year | Quarter/Year | | | | |
| - 10 | (a) | | | | (b) | (c) | | | | |
| | Loans Made or Purchased | | | | | | | | | |
| | Collections on Loans | | | | | | | | | |
| 48 | | | | | | | | | | |
| | Net (Increase) Decrease in Receivables | | | | | | | | | |
| | Net (Increase) Decrease in Inventory | | | | | | | | | |
| 51 | Net (Increase) Decrease in Allowances Held for S | Specula | ation | | | | | | | |
| 52 | Net Increase (Decrease) in Payables and Accrue | d Expe | nses | | | | | | | |
| 53 | Other (provide details in footnote): | | | | -65,034,04 | -21,815,568 | | | | |
| 54 | | | | | | | | | | |
| 55 | | | | | | | | | | |
| 56 | Net Cash Provided by (Used in) Investing Activities | es | | | | | | | | |
| 57 | Total of lines 34 thru 55) | | | | -2,185,581,28 | -2,083,142,546 | | | | |
| 58 | , | | | | | | | | | |
| 59 | Cash Flows from Financing Activities: | | | | | | | | | |
| | Proceeds from Issuance of: | | | | | | | | | |
| | Long-Term Debt (b) | | | | 1,596,588,00 | 520,830,000 | | | | |
| — | Preferred Stock | | | | 1,390,300,00 | 320,830,000 | | | | |
| | | | | | | | | | | |
| | Common Stock | | | | | | | | | |
| | Other (provide details in footnote): | | | | | | | | | |
| 65 | | | | | | | | | | |
| | Net Increase in Short-Term Debt (c) | | | | | | | | | |
| | Other (provide details in footnote): | | | | -9,889,15 | -6,123,727 | | | | |
| 68 | | | | | | | | | | |
| 69 | | | | | | | | | | |
| 70 | Cash Provided by Outside Sources (Total 61 thru | 69) | | | 1,586,698,84 | 514,706,273 | | | | |
| 71 | | | | | | | | | | |
| 72 | Payments for Retirement of: | | | | | | | | | |
| 73 | Long-term Debt (b) | | | | -355,841,49 | -505,548,485 | | | | |
| 74 | Preferred Stock | | | | | | | | | |
| 75 | Common Stock | | | | | | | | | |
| 76 | Other (provide details in footnote): | | | | | | | | | |
| 77 | | | | | | | | | | |
| 78 | Net Decrease in Short-Term Debt (c) | | | | | | | | | |
| | Cash Dividends to Parents | | | | -2,000,000,00 | -400,000,000 | | | | |
| | Dividends on Preferred Stock | | | | , , , | | | | | |
| | Dividends on Common Stock | | | | | + | | | | |
| | Net Cash Provided by (Used in) Financing Activiti | <u> </u> | | | | | | | | |
| | (Total of lines 70 thru 81) | | | | -769,142,64 | -390,842,212 | | | | |
| 84 | (1.5ta. of mioo / o und o i) | | | + | -700,142,04 | -030,042,212 | | | | |
| | Not Increase (Decrease) in Cash and Cash Emilia | alonto | | | | | | | | |
| | Net Increase (Decrease) in Cash and Cash Equiv | aieiiiS | | | 440.04 | 144 700 000 | | | | |
| | (Total of lines 22,57 and 83) | | | | 443,04 | -114,799,363 | | | | |
| 87 | | | | | | | | | | |
| 88 | Cash and Cash Equivalents at Beginning of Perio | d | | | 13,456,90 | 12,534,263 | | | | |
| 89 | | | | | | | | | | |
| 90 | Cash and Cash Equivalents at End of period | | | | 13,899,94 | -102,265,100 | | | | |
| | | | | T | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | |
|----------------------------|--------------------|----------------|-----------------------|--|--|--|--|--|--|
| · · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | |
| FOOTNOTE DATA | | | | | | | | | |

| Schedule Page: 120 Line No.: 21 Column: b | | |
|--|------------------|-----------|
| Merger related costs | 52,279,225 | |
| Insurance proceeds for asbestosis claims | 32,748,363 | |
| Miscellaneous prepaid expenses | 2,805,739 | |
| Other | 1,470,870 | |
| Claims and expenses related to injuries and damages | (42,242,078) | |
| Net pension related payments | (13, 137, 177) | |
| Debt return on Coal Ash Compliance Costs | (12, 135, 912) | |
| Cost of removal on final retired plants | (9,294,871) | |
| Deferred lighting and extra facilities revenue | (3,760,032) | |
| Total | 8,734,127 | |
| | | |
| Schedule Page: 120 Line No.: 53 Column: b | | |
| Cost of removal of utility plant, net of salvage value | (65, 147, 635) | |
| Other | 113 , 587 | |
| Total | (65,034,048) | |
| | | |
| Schedule Page: 120 Line No.: 67 Column: b | | |
| Issuance Costs | (9,889,156) | |
| Schedule Page: 120 Line No.: 86 Column: b | | \exists |
| Accrued capital expenditures | 346,853,237 | |
| | | |
| Supplemental disclosures: | | |
| Cash paid for interest, net of amount capitalized | 393,082,292 | |
| Cash refunded for income taxes | (59,780,894) | |
| cash retunded for income caxes | (33,700,031) | |
| Schedule Page: 120 Line No.: 88 Column: b | | \Box |
| Cash and working funds (131 & 135) | 13,456,900 | |
| Special deposits (132 - 134) | 0 | |
| Temporary cash investments | 0 | |
| Total | 13,456,900 | |
| | | |
| Schedule Page: 120 Line No.: 90 Column: b | | \exists |
| Cash and working funds (131 & 135) | 13,899,942 | |
| Special deposits (132 - 134) | 0 | |
| Temporary cash investments | 0 | |
| Total | 13,899,942 | |
| | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | |

This Federal Energy Regulatory Commission (FERC) Form 1 has been prepared in conformity with the requirements of the FERC as set forth in its applicable Uniform System of Accounts and published accounting releases, which is a comprehensive basis of accounting other than Generally Accepted Accounting Principles in the United States of America (GAAP). The following areas represent the significant differences between the Uniform System of Accounts and GAAP:

- GAAP requires that public business enterprises report certain information about operating segments in complete
 sets of financial statements of the enterprise and certain information about their products and services, which are
 not required for FERC reporting purposes.
- GAAP requires that majority-owned subsidiaries be consolidated for financial reporting purposes. FERC
 requires that majority-owned subsidiaries be separately reported as Investment in Subsidiary Companies, unless
 an appropriate waiver has been granted by the FERC.
- FERC requires that income or losses of an unusual nature and infrequent occurrence, which would significantly distort the current year's income, be recorded as extraordinary income or deductions, respectively.
- GAAP requires that removal and nuclear decommissioning costs for property that does not have an associated legal retirement obligation be presented as a regulatory liability on the Balance Sheet. These costs are presented as accumulated depreciation on the Balance Sheet for FERC reporting purposes.
- GAAP requires the regulatory assets and liabilities resulting from the implementation of ASC 740-10 (formerly SFAS No. 109) be presented as a net amount on the balance sheet. For FERC reporting purposes, these assets and liabilities are presented separately and are included in the Other Regulatory Asset and Other Regulatory Liability line items.
- GAAP requires that the current portion of regulatory assets and regulatory liabilities be reported as current assets and current liabilities, respectively, on the Balance Sheet. FERC requires that the current portion of regulatory assets and liabilities be reported as Regulatory Assets within Deferred Debits and Regulatory Liabilities within Deferred Credits, respectively.
- GAAP requires that the current portion of long-term debt and preferred stock be reported as a current liability on the Balance Sheet. FERC requires that the current portion of long-term debt and preferred stock be reported as Long-term Debt and Proprietary Capital.
- GAAP previously required the current portion of deferred income taxes to be reported as a current asset or liability on the balance sheet. An Accounting Standards update now requires that all deferred tax balances be classified as non-current for GAAP purposes, which is consistent with FERC reporting. Duke Energy Corporation adopted this methodology for GAAP purposes effective as of December 31, 2015.
- GAAP requires that any deferred costs associated with a specific debt issuance be presented as a reduction to debt on the Balance Sheet. FERC requires any Unamortized Debt Expense to be separately stated as a Deferred Debit on the Balance Sheet.
- GAAP requires that certain account balances within financial statement line items which are not in the natural position for that line item (e.g. an account within Accounts Receivable with a credit balance) be reclassed to the appropriate side of the Balance Sheet. FERC does not require certain accounts which are not in a natural position for their respective line item to be reclassed, as long as the line item in total is in its natural position.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | |

- GAAP requires that the current portion of the provision for injuries and damages be reported as a current liability
 on the Balance Sheet. GAAP also requires that the current portion of the expected insurance proceeds receivable
 related to the provision for injuries and damages be reported as a current asset on the Balance Sheet. FERC
 requires that the current portion of the provision for injuries and damages be reported as 'Accumulated Provision
 for Injuries and Damages' and that the current portion of the related insurance receivable be reported as 'Deferred
 Debits'.
- GAAP requires that regulated assets that are abandoned or retired early, including the cost of the asset and its
 associated accumulated depreciation, be reclassified to a separate regulatory asset on the Balance Sheet. For
 FERC reporting purposes, those assets which have been abandoned but are still operating are maintained in their
 original balance sheet accounts.

The Combined Notes To Consolidated Financial Statements below are as published in the fourth quarter ended December 31, 2016 Form 10-K (includes Duke Energy Carolinas, LLC, Duke Energy Progress, LLC, Duke Energy Florida, LLC, Duke Energy Ohio, Inc., and Duke Energy Indiana, LLC) filed on February 24, 2017. See "Index to the Combined Notes to Consolidated Financial Statements" for a listing of applicable notes for Duke Energy Carolinas, LLC. Management has evaluated the impact of events occurring after December 31, 2016 up to February 24, 2017, the date that Duke Energy Carolinas' U.S. GAAP financial statements were issued and has updated such evaluation for disclosure purposes through April 13, 2017. These financial statements include all necessary adjustments and disclosures resulting from these evaluations.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | |

Index to Combined Notes To Consolidated Financial Statements

The notes to the consolidated financial statements are a combined presentation. The following table indicates the registrants to which the notes apply.

| | Applicable Notes | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Registrant | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| Duke Energy Corporation | • | • | • | • | • | • | • | • | • | • | • | • | | • | • | • | • | • | • | • | • | • | • | • | • |
| Duke Energy Carolinas, LLC | • | | • | • | • | • | | • | • | • | • | | • | • | • | • | • | | • | • | • | • | • | • | • |
| Progress Energy, Inc. | • | • | • | • | • | • | • | • | • | • | • | | • | • | • | • | • | | • | • | • | • | • | • | • |
| Duke Energy Progress, LLC | • | • | • | • | • | • | | | • | • | • | | • | • | • | • | • | | • | • | • | • | • | • | • |
| Duke Energy Florida, LLC | • | | • | • | • | • | • | • | • | • | • | | • | • | • | • | • | | • | • | • | • | • | • | • |
| Duke Energy Ohio, Inc. | • | • | • | • | • | • | | • | • | • | • | | • | • | | • | • | | • | • | • | • | • | • | • |
| Duke Energy Indiana, LLC | • | | • | • | • | • | | • | • | • | • | | • | • | • | • | • | | • | • | • | • | • | • | • |

Tables within the notes may not sum across due to (i) Progress Energy's consolidation of Duke Energy Progress, Duke Energy Florida and other subsidiaries that are not registrants, (ii) Piedmont, a subsidiary registrant acquired on October 3, 2016, which is consolidated within Duke Energy but not separately stated in the combined presentation and (iii) other subsidiaries that are not registrants but included in the consolidated Duke Energy balances.

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Nature of Operations and Basis of Consolidation

Duke Energy Corporation (collectively with its subsidiaries, Duke Energy) is an energy company headquartered in Charlotte, North Carolina, subject to regulation by the Federal Energy Regulatory Commission (FERC). Duke Energy operates in the United States (U.S.) primarily through its direct and indirect subsidiaries. Certain Duke Energy subsidiaries are also subsidiary registrants, including Duke Energy Carolinas, LLC (Duke Energy Carolinas); Progress Energy, Inc. (Progress Energy); Duke Energy Progress, LLC (Duke Energy Progress); Duke Energy Florida, LLC (Duke Energy Florida); Duke Energy Ohio, Inc. (Duke Energy Ohio); and Duke Energy Indiana, LLC (Duke Energy Indiana). On October 3, 2016, Duke Energy acquired Piedmont Natural Gas Company, Inc. (Piedmont) which also became a wholly owned subsidiary and subsidiary registrant of Duke Energy. Duke Energy's consolidated financial statements include Piedmont's results of operations and cash flow activity subsequent to the acquisition. See Note 2 for additional information regarding the acquisition. When discussing Duke Energy's consolidated financial information, it necessarily includes the results of its seven separate subsidiary registrants (collectively referred to as the Subsidiary Registrants), which along with Duke Energy, are collectively referred to as the Duke Energy Registrants (Duke Energy Registrants).

In October 2016, Duke Energy completed the acquisition of Piedmont, an energy services company whose principal business is the distribution of natural gas, for a total cash purchase price of \$5.0 billion. The acquisition provides a foundation for establishing a broader strategic natural gas infrastructure platform within Duke Energy to complement the existing natural gas pipeline investments and the natural gas business located in the Midwest. For additional information on the details of this transaction including purchase price allocation and acquisition financing, see Note 2. Piedmont continues to maintain reporting requirements as a Securities and Exchange Commission (SEC) registrant.

In December 2016, Duke Energy completed an exit of the Latin American market to focus on its domestic regulated business, which was further bolstered by the acquisition of Piedmont. The sale of the International Energy business segment, excluding an equity method investment in National Methanol Company (NMC), was completed through two transactions including a sale of assets in Brazil to China Three Gorges (Luxembourg) Energy S.à.r.l. (CTG) and a sale of Duke Energy's remaining Latin American assets in Peru, Chile, Ecuador, Guatemala, El Salvador and Argentina to ISQ Enerlam Aggregator, L.P. and Enerlam (UK) Holding Ltd. (I Squared) (collectively, the International Disposal Group). For additional information on the sale of International Energy see Note 2.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | |

The information in these combined notes relates to each of the Duke Energy Registrants, excluding Piedmont, as noted in the Index to Combined Notes to Consolidated Financial Statements. However, none of the registrants make any representation as to information related solely to Duke Energy or the Subsidiary Registrants of Duke Energy other than itself.

These Consolidated Financial Statements include, after eliminating intercompany transactions and balances, the accounts of the Duke Energy Registrants and subsidiaries where the respective Duke Energy Registrants have control. These Consolidated Financial Statements also reflect the Duke Energy Registrants' proportionate share of certain jointly owned generation and transmission facilities.

Duke Energy Carolinas is a regulated public utility primarily engaged in the generation, transmission, distribution and sale of electricity in portions of North Carolina and South Carolina. Duke Energy Carolinas is subject to the regulatory provisions of the North Carolina Utilities Commission (NCUC), Public Service Commission of South Carolina (PSCSC), U.S. Nuclear Regulatory Commission (NRC) and FERC. Substantially all of Duke Energy Carolinas' operations qualify for regulatory accounting.

Progress Energy is a public utility holding company headquartered in Raleigh, North Carolina, subject to regulation by the FERC. Progress Energy conducts operations through its wholly owned subsidiaries, Duke Energy Progress and Duke Energy Florida. Substantially all of Progress Energy's operations qualify for regulatory accounting.

Duke Energy Progress is a regulated public utility primarily engaged in the generation, transmission, distribution and sale of electricity in portions of North Carolina and South Carolina. Duke Energy Progress is subject to the regulatory provisions of the NCUC, PSCSC, NRC and FERC. Substantially all of Duke Energy Progress' operations qualify for regulatory accounting.

Duke Energy Florida is a regulated public utility primarily engaged in the generation, transmission, distribution and sale of electricity in portions of Florida. Duke Energy Florida is subject to the regulatory provisions of the Florida Public Service Commission (FPSC), NRC and FERC. Substantially all of Duke Energy Florida's operations qualify for regulatory accounting.

Duke Energy Ohio is a regulated public utility primarily engaged in the transmission and distribution of electricity in portions of Ohio and Kentucky, the generation and sale of electricity in portions of Kentucky and the transportation and sale of natural gas in portions of Ohio and Kentucky. Duke Energy Ohio also conducts competitive auctions for retail electricity supply in Ohio whereby recovery of the energy price is from retail customers and recorded in Operating Revenues on the Consolidated Statements of Operations and Comprehensive Income. Operations in Kentucky are conducted through its wholly owned subsidiary, Duke Energy Kentucky, Inc. (Duke Energy Kentucky). References herein to Duke Energy Ohio include Duke Energy Ohio and its subsidiaries, unless otherwise noted. Duke Energy Ohio is subject to the regulatory provisions of the Public Utilities Commission of Ohio (PUCO), Kentucky Public Service Commission (KPSC) and FERC. On April 2, 2015, Duke Energy completed the sale of its nonregulated Midwest generation business, which sold power into wholesale energy markets, to a subsidiary of Dynegy Inc. (Dynegy). For further information about the sale of the Midwest Generation business, refer to Note 2 "Acquisitions and Dispositions." Substantially all of Duke Energy Ohio's operations that remain after the sale qualify for regulatory accounting.

Duke Energy Indiana is a regulated public utility primarily engaged in the generation, transmission, distribution and sale of electricity in portions of Indiana. Duke Energy Indiana is subject to the regulatory provisions of the Indiana Utility Regulatory Commission (IURC) and FERC. Substantially all of Duke Energy Indiana's operations qualify for regulatory accounting. On January 1, 2016, Duke Energy Indiana, an Indiana corporation, converted into an Indiana limited liability company.

Piedmont is a regulated public utility primarily engaged in the distribution of natural gas in portions of North Carolina, South Carolina and Tennessee. Piedmont is invested in joint venture businesses including regulated interstate natural gas transportation and storage and intrastate natural gas transportation businesses. Piedmont is subject to the regulatory provisions of the NCUC, PSCSC, Tennessee Regulatory Authority (TRA) and FERC. Substantially all of Piedmont's operations qualify for regulatory accounting.

Certain prior year amounts have been reclassified to conform to the current year presentation.

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Other Current Assets and Liabilities

The following table provides a description of amounts included in Other within Current Assets or Current Liabilities that exceed 5 percent of total Current Assets or Current Liabilities on the Duke Energy Registrants' Consolidated Balance Sheets at either December 31, 2016 or 2015.

| | | Decer | nber | 31, |
|----------------------------|---------------------|--------|------|------|
| (in millions) | Location | 2016 | | 2015 |
| Duke Energy | | | | |
| Accrued compensation | Current Liabilities | \$ 765 | \$ | 619 |
| Duke Energy Carolinas | | | | |
| Accrued compensation | Current Liabilities | \$ 248 | \$ | 213 |
| Collateral liabilities | Current Liabilities | 155 | | 141 |
| Progress Energy | | | | |
| Income taxes receivable | Current Assets | \$ 19 | \$ | 129 |
| Customer deposits | Current Liabilities | 363 | | 373 |
| Derivative liabilities | Current Liabilities | 1 | | 201 |
| Duke Energy Progress | | | | |
| Income taxes receivable | Current Assets | \$ 16 | \$ | 111 |
| Customer deposits | Current Liabilities | 141 | | 141 |
| Accrued compensation | Current Liabilities | 135 | | 108 |
| Derivative liabilities | Current Liabilities | _ | | 76 |
| Duke Energy Florida | | | | |
| Customer deposits | Current Liabilities | \$ 222 | \$ | 232 |
| Derivative liabilities | Current Liabilities | 1 | | 125 |
| Duke Energy Ohio | | | | |
| Income taxes receivable | Current Assets | \$ 16 | \$ | 59 |
| Other receivable | Current Assets | _ | | 33 |
| Accrued litigation reserve | Current Liabilities | 4 | | 80 |
| Collateral liabilities | Current Liabilities | 62 | | 48 |
| Duke Energy Indiana | | | | |
| Collateral liabilities | Current Liabilities | \$ 44 | \$ | 44 |

Discontinued Operations

The results of operations of the International Disposal Group and Duke Energy Ohio's nonregulated Midwest Generation business and Duke Energy Retail Sales, LLC (collectively, Midwest Generation Disposal Group) have been classified as Discontinued Operations on Duke Energy's Consolidated Statements of Operations. Duke Energy has elected to present cash flows of discontinued operations combined with cash flows of continuing operations. Unless otherwise noted, the notes to these consolidated financial statements exclude amounts related to discontinued operations for all periods presented and assets held for sale (AHFS) and liabilities associated with AHFS as of December 31, 2015. See Note 2 for additional information.

Amounts Attributable to Controlling Interests

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Duke Energy's amount of (Loss) Income from Discontinued Operations, net of tax presented on the Consolidated Statements of Operations includes amounts attributable to noncontrolling interest. The following table presents Net Income Attributable to Duke Energy Corporation for continuing operations and discontinued operations.

| | | Year e | nde | d Decem | ber | 31, |
|--|-----|--------|---------|---------|-----|-------|
| (in millions) | 201 | | 16 2015 | | | 2014 |
| Income from Continuing Operations | \$ | 2,578 | \$ | 2,654 | \$ | 2,538 |
| Income from Continuing Operations Attributable to Noncontrolling Interests | | 7 | | 9 | | 5 |
| Income from Continuing Operations Attributable to Duke Energy Corporation | \$ | 2,571 | \$ | 2,645 | \$ | 2,533 |
| (Loss) Income From Discontinued Operations, net of tax | \$ | (408) | \$ | 177 | \$ | (649) |
| Income from Discontinued Operations Attributable to Noncontrolling Interests, net of tax | | 11 | | 6 | | 1 |
| (Loss) Income From Discontinued Operations Attributable to Duke Energy Corporation, net of tax | \$ | (419) | \$ | 171 | \$ | (650) |
| Net Income | \$ | 2,170 | \$ | 2,831 | \$ | 1,889 |
| Net Income Attributable to Noncontrolling Interests | | 18 | | 15 | | 6 |
| Net Income Attributable to Duke Energy Corporation | \$ | 2,152 | \$ | 2,816 | \$ | 1,883 |

Significant Accounting Policies

Use of Estimates

In preparing financial statements that conform to generally accepted accounting principles (GAAP) in the U.S., the Duke Energy Registrants must make estimates and assumptions that affect the reported amounts of assets and liabilities, the reported amounts of revenues and expenses and the disclosure of contingent assets and liabilities at the date of the financial statements. Actual results could differ from those estimates.

Regulatory Accounting

The majority of the Duke Energy Registrants' operations are subject to price regulation for the sale of electricity and natural gas by state utility commissions or FERC. When prices are set on the basis of specific costs of the regulated operations and an effective franchise is in place such that sufficient natural gas or electric services can be sold to recover those costs, the Duke Energy Registrants apply regulatory accounting. Regulatory accounting changes the timing of the recognition of costs or revenues relative to a company that does not apply regulatory accounting. As a result, Regulatory assets and Regulatory liabilities are recognized on the Consolidated Balance Sheets. Regulatory assets and liabilities are amortized consistent with the treatment of the related cost in the ratemaking process. See Note 4 for further information.

Regulatory accounting rules also require recognition of a disallowance (also called "impairment") loss if it becomes probable that part of the cost of a plant under construction (or a recently completed plant or an abandoned plant) will be disallowed for ratemaking purposes and a reasonable estimate of the amount of the disallowance can be made. Other disallowances can require judgments on allowed future rate recovery.

When it becomes probable that regulated generation, transmission or distribution assets will be abandoned, the cost of the asset is removed from plant in service. The value that may be retained as a regulatory asset on the balance sheet for the abandoned property is dependent upon amounts that may be recovered through regulated rates, including any return. As such, an impairment charge could be partially or fully offset by the establishment of a regulatory asset if rate recovery is probable. The impairment for a disallowance of costs for regulated plants under construction, recently completed or abandoned is based on discounted cash flows.

Regulated Fuel and Purchased Gas Adjustment Clauses

The Duke Energy Registrants utilize cost-tracking mechanisms, commonly referred to as fuel adjustment clauses or purchased gas adjustment clauses (PGA). These clauses allow for the recovery of fuel and fuel-related costs, portions of purchased power, natural gas costs and hedging costs through surcharges on customer rates. The difference between the costs incurred and the surcharge revenues is recorded either as an adjustment to Operating Revenues, Operating Expenses – Fuel used in electric generation or Operating Expenses – Cost of natural gas on the Consolidated Statements of Operations, with an off-setting impact on regulatory assets or liabilities.

Cash and Cash Equivalents

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All highly liquid investments with maturities of three months or less at the date of acquisition are considered cash equivalents.

Restricted Cash

The Duke Energy Registrants have restricted cash related primarily to collateral assets, escrow deposits and variable interest entities (VIEs). Restricted cash balances are reflected in Other within Current Assets and in Other within Investments and Other Assets on the Consolidated Balance Sheets. At December 31, 2016 and 2015, Duke Energy had restricted cash totaling \$137 million and \$98 million, respectively.

Inventory

Inventory is used for operations and is recorded primarily using the average cost method. Inventory related to regulated operations is valued at historical cost. Inventory related to nonregulated operations is valued at the lower of cost or market. Materials and supplies are recorded as inventory when purchased and subsequently charged to expense or capitalized to property, plant and equipment when installed. Reserves are established for excess and obsolete inventory. Inventory reserves were not material at December 31, 2016 and 2015. The components of inventory are presented in the tables below

| | December 31, 2016 | | | | | | | | | | |
|----------------------------|-----------------------|-----------|----|----------|----|----------|----|---------|-----------|----|---------|
| | | Duke | | | | Duke | | Duke | Duke | | Duke |
| | Duke | Energy | | Progress | | Energy | | Energy | Energy | | Energy |
| (in millions) | Energy | Carolinas | | Energy | | Progress | | Florida | Ohio | | Indiana |
| Materials and supplies | \$ 2,374 | \$ 767 | \$ | 1,167 | \$ | 813 | \$ | 354 | \$ 84 | \$ | 312 |
| Coal | 774 | 251 | | 314 | | 148 | | 166 | 19 | | 190 |
| Natural gas, oil and other | 374 | 37 | | 236 | | 115 | | 121 | 34 | | 2 |
| Total inventory | \$ 3,522 | \$ 1,055 | \$ | 1,717 | \$ | 1,076 | \$ | 641 | \$ 137 | \$ | 504 |

| | December 31, 2015 | | | | | | | | | | |
|----------------------------|-----------------------|-----------|----|----------|----|----------|----|---------|-----------|----|---------|
| | | Duke | | | | Duke | | Duke | Duke | | Duke |
| | Duke | Energy | ı | Progress | | Energy | | Energy | Energy | | Energy |
| (in millions) | Energy | Carolinas | | Energy | | Progress | | Florida | Ohio | | Indiana |
| Materials and supplies | \$ 2,343 | \$ 785 | \$ | 1,133 | \$ | 776 | \$ | 357 | \$ 81 | \$ | 301 |
| Coal | 1,105 | 451 | | 370 | | 192 | | 178 | 16 | | 267 |
| Natural gas, oil and other | 298 | 40 | | 248 | | 120 | | 128 | 8 | | 2 |
| Total inventory | \$ 3,746 | \$ 1,276 | \$ | 1,751 | \$ | 1,088 | \$ | 663 | \$ 105 | \$ | 570 |

Investments in Debt and Equity Securities

The Duke Energy Registrants classify investments into two categories – trading and available-for-sale. Both categories are recorded at fair value on the Consolidated Balance Sheets. Realized and unrealized gains and losses on trading securities are included in earnings. For certain investments of regulated operations, such as the Nuclear Decommissioning Trust Fund (NDTF), realized and unrealized gains and losses (including any other-than-temporary impairments (OTTIs)) on available-for-sale securities are recorded as a regulatory asset or liability. Otherwise, unrealized gains and losses are included in Accumulated Other Comprehensive Income (AOCI), unless other-than-temporarily impaired. OTTIs for equity securities and the credit loss portion of debt securities of nonregulated operations are included in earnings. Investments in debt and equity securities are classified as either current or noncurrent based on management's intent and ability to sell these securities, taking into consideration current market liquidity. See Note 15 for further information.

Goodwill and Intangible Assets

Goodwill

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Duke Energy, Progress Energy and Duke Energy Ohio perform annual goodwill impairment tests as of August 31 each year at the reporting unit level, which is determined to be an operating segment or one level below. Duke Energy, Progress Energy and Duke Energy Ohio update these tests between annual tests if events or circumstances occur that would more likely than not reduce the fair value of a reporting unit below its carrying value.

Intangible Assets

Intangible assets are included in Other in Investments and Other Assets on the Consolidated Balance Sheets. Generally, intangible assets are amortized using an amortization method that reflects the pattern in which the economic benefits of the intangible asset are consumed or on a straight-line basis if that pattern is not readily determinable. Amortization of intangibles is reflected in Depreciation and amortization on the Consolidated Statements of Operations. Intangible assets are subject to impairment testing and if impaired, the carrying value is accordingly reduced.

Emission allowances permit the holder of the allowance to emit certain gaseous byproducts of fossil fuel combustion, including sulfur dioxide (SO₂) and nitrogen oxide. Allowances are issued by the U.S. Environmental Protection Agency (EPA) at zero cost and may also be bought and sold via third-party transactions. Allowances allocated to or acquired by the Duke Energy Registrants are held primarily for consumption. Carrying amounts for emission allowances are based on the cost to acquire the allowances or, in the case of a business combination, on the fair value assigned in the allocation of the purchase price of the acquired business. Emission allowances are expensed to Fuel used in electric generation and purchased power on the Consolidated Statements of Operations.

Renewable energy certificates are used to measure compliance with renewable energy standards and are held primarily for consumption. See Note 11 for further information.

Long-Lived Asset Impairments

The Duke Energy Registrants evaluate long-lived assets, excluding goodwill, for impairment when circumstances indicate the carrying value of those assets may not be recoverable. An impairment exists when a long-lived asset's carrying value exceeds the estimated undiscounted cash flows expected to result from the use and eventual disposition of the asset. The estimated cash flows may be based on alternative expected outcomes that are probability weighted. If the carrying value of the long-lived asset is not recoverable based on these estimated future undiscounted cash flows, the carrying value of the asset is written-down to its then-current estimated fair value and an impairment charge is recognized.

The Duke Energy Registrants assess fair value of long-lived assets using various methods, including recent comparable third-party sales, internally developed discounted cash flow analysis and analysis from outside advisors. Significant changes in commodity prices, the condition of an asset or management's interest in selling the asset are generally viewed as triggering events to reassess cash flows.

Property, Plant and Equipment

Property, plant and equipment are stated at the lower of depreciated historical cost net of any disallowances or fair value, if impaired. The Duke Energy Registrants capitalize all construction-related direct labor and material costs, as well as indirect construction costs such as general engineering, taxes and financing costs. See "Allowance for Funds Used During Construction (AFUDC) and Interest Capitalized" for information on capitalized financing costs. Costs of renewals and betterments that extend the useful life of property, plant and equipment are also capitalized. The cost of repairs, replacements and major maintenance projects, which do not extend the useful life or increase the expected output of the asset, are expensed as incurred. Depreciation is generally computed over the estimated useful life of the asset using the composite straight-line method. Depreciation studies are conducted periodically to update composite rates and are approved by state utility commissions and/or the FERC when required. The composite weighted average depreciation rates, excluding nuclear fuel, are included in the table that follows.

| | Years End | Years Ended December 31, | | | | |
|-----------------------|-----------|--------------------------|------|--|--|--|
| | 2016 | 2015 | 2014 | | | |
| Duke Energy | 2.8% | 2.9% | 2.8% | | | |
| Duke Energy Carolinas | 2.8% | 2.8% | 2.7% | | | |
| Progress Energy | 2.7% | 2.6% | 2.5% | | | |
| Duke Energy Progress | 2.6% | 2.6% | 2.5% | | | |
| Duke Energy Florida | 2.8% | 2.7% | 2.7% | | | |
| Duke Energy Ohio | 2.6% | 2.7% | 2.3% | | | |
| Duke Energy Indiana | 3.1% | 3.0% | 3.0% | | | |

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In general, when the Duke Energy Registrants retire regulated property, plant and equipment, the original cost plus the cost of retirement, less salvage value, is charged to accumulated depreciation. However, when it becomes probable the asset will be retired substantially in advance of its original expected useful life or is abandoned, the cost of the asset and the corresponding accumulated depreciation is recognized as a separate asset. If the asset is still in operation, the net amount is classified as Generation facilities to be retired, net on the Consolidated Balance Sheets. If the asset is no longer operating, the net amount is classified in Regulatory Assets on the Consolidated Balance Sheets. When it becomes probable that meters or other regulated mass utility assets will be abandoned, the cost of the asset and accumulated depreciation is reclassified to regulatory assets for amounts recoverable in rates. The carrying value of the asset is based on historical cost if the Duke Energy Registrants are allowed to recover the remaining net book value and a return equal to at least the incremental borrowing rate. If not, an impairment is recognized to the extent the net book value of the asset exceeds the present value of future revenues discounted at the incremental borrowing rate.

When the Duke Energy Registrants sell entire regulated operating units, or retire or sell nonregulated properties, the original cost and accumulated depreciation and amortization balances are removed from Property, Plant and Equipment on the Consolidated Balance Sheets. Any gain or loss is recorded in earnings, unless otherwise required by the applicable regulatory body.

See Note 10 for further information.

Nuclear Fuel

Nuclear fuel is classified as Property, Plant and Equipment on the Consolidated Balance Sheets, except for Duke Energy Florida. Nuclear fuel amounts at Duke Energy Florida were reclassified to Regulatory assets pursuant to a settlement among Duke Energy Florida, the Florida Office of Public Counsel (Florida OPC) and other customer advocates (the 2013 Settlement). Portions of the nuclear fuel balances that were under contract for sale were subsequently moved to Other within Current Assets and Other within Investments and Other Assets on the Consolidated Balance Sheets.

Nuclear fuel in the front-end fuel processing phase is considered work in progress and not amortized until placed in service. Amortization of nuclear fuel is included within Fuel used in electric generation and purchased power on the Consolidated Statements of Operations. Amortization is recorded using the units-of-production method.

Allowance for Funds Used During Construction and Interest Capitalized

For regulated operations, the debt and equity costs of financing the construction of property, plant and equipment are reflected as AFUDC and capitalized as a component of the cost of property, plant and equipment. AFUDC equity is reported on the Consolidated Statements of Operations as non-cash income in Other income and expenses, net. AFUDC debt is reported as a non-cash offset to Interest Expense. After construction is completed, the Duke Energy Registrants are permitted to recover these costs through their inclusion in rate base and the corresponding subsequent depreciation or amortization of those regulated assets.

AFUDC equity, a permanent difference for income taxes, reduces the effective tax rate (ETR) when capitalized and increases the ETR when depreciated or amortized. See Note 22 for additional information.

For nonregulated operations, interest is capitalized during the construction phase with an offsetting non-cash credit to Interest Expense on the Consolidated Statements of Operations.

Asset Retirement Obligations

Asset retirement obligations (AROs) are recognized for legal obligations associated with the retirement of property, plant and equipment. Substantially all AROs are related to regulated operations. When recording an ARO, the present value of the projected liability is recognized in the period in which it is incurred, if a reasonable estimate of fair value can be made. The liability is accreted over time. For operating plants, the present value of the liability is added to the cost of the associated asset and depreciated over the remaining life of the asset. For retired plants, the present value of the liability is recorded as a regulatory asset unless determined not to be recoverable.

The present value of the initial obligation and subsequent updates are based on discounted cash flows, which include estimates regarding timing of future cash flows, selection of discount rates and cost escalation rates, among other factors. These estimates are subject to change. Depreciation expense is adjusted prospectively for any changes to the carrying amount of the associated asset. The Duke Energy Registrants receive amounts to fund the cost of the ARO for regulated operations through a combination of regulated revenues and earnings on the NDTF. As a result, amounts recovered in regulated revenues, earnings on the NDTF, accretion expense and depreciation of the associated asset are netted and deferred as a regulatory asset or liability.

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Obligations for nuclear decommissioning are based on site-specific cost studies. Duke Energy Carolinas and Duke Energy Progress assume prompt dismantlement of the nuclear facilities after operations are ceased. Duke Energy Florida assumes Crystal River Unit 3 Nuclear Plant (Crystal River Unit 3) will be placed into a safe storage configuration until eventual dismantlement is completed by 2074. Duke Energy Carolinas, Duke Energy Progress and Duke Energy Florida also assume that spent fuel will be stored on-site until such time that it can be transferred to a yet to be built U.S. Department of Energy (DOE) facility.

Obligations for closure of ash basins are based upon discounted cash flows of estimated costs for site-specific plans, if known, or probability weightings of the potential closure methods if the closure plans are under development and multiple closure options are being considered and evaluated on a site-by-site basis. See Note 9 for additional information.

Revenue Recognition and Unbilled Revenue

Revenues on sales of electricity and natural gas are recognized when service is provided or the product is delivered. Unbilled revenues are recognized by applying customer billing rates to the estimated volumes of energy or natural gas delivered but not yet billed. Unbilled revenues can vary significantly from period to period as a result of seasonality, weather, customer usage patterns, customer mix, average price in effect for customer classes, timing of rendering customer bills and meter reading schedules.

Unbilled revenues are included within Receivables and Restricted receivables of VIEs on the Consolidated Balance Sheets as shown in the following table.

| | December 31, | | | |
|-----------------------|--------------|------|--|--|
| (in millions) | 2016 | 2015 | | |
| Duke Energy | \$ 831 \$ | 677 | | |
| Duke Energy Carolinas | 313 | 283 | | |
| Progress Energy | 161 | 172 | | |
| Duke Energy Progress | 102 | 102 | | |
| Duke Energy Florida | 59 | 70 | | |
| Duke Energy Ohio | 2 | 3 | | |
| Duke Energy Indiana | 32 | 31 | | |

Additionally, Duke Energy Ohio and Duke Energy Indiana sell, on a revolving basis, nearly all of their retail accounts receivable, including receivables for unbilled revenues, to an affiliate, Cinergy Receivables Company LLC (CRC) and account for the transfers of receivables as sales. Accordingly, the receivables sold are not reflected on the Consolidated Balance Sheets of Duke Energy Ohio and Duke Energy Indiana. See Note 17 for further information. These receivables for unbilled revenues are shown in the table below.

| | December 31 | |
|---------------------|-----------------|------|
| (in millions) | 2016 | 2015 |
| Duke Energy Ohio | \$ 97 \$ | 71 |
| Duke Energy Indiana | 123 | 97 |

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Allowance for Doubtful Accounts

Allowances for doubtful accounts are presented in the following table.

| | Dece | mber 31, | |
|--|-------------|----------|------|
| (in millions) | 2016 | 2015 | 2014 |
| Allowance for Doubtful Accounts | | | |
| Duke Energy | \$ 14 \$ | 12 \$ | 14 |
| Duke Energy Carolinas | 2 | 3 | 3 |
| Progress Energy | 6 | 6 | 8 |
| Duke Energy Progress | 4 | 4 | 7 |
| Duke Energy Florida | 2 | 2 | 2 |
| Duke Energy Ohio | 2 | 2 | 2 |
| Duke Energy Indiana | 1 | 1 | 1 |
| Allowance for Doubtful Accounts – VIEs | | | |
| Duke Energy | \$ 54 \$ | 53 \$ | 51 |
| Duke Energy Carolinas | 7 | 7 | 6 |
| Progress Energy | 7 | 8 | 8 |
| Duke Energy Progress | 5 | 5 | 5 |
| Duke Energy Florida | 2 | 3 | 3 |

Derivatives and Hedging

Derivative and non-derivative instruments may be used in connection with commodity price and interest rate activities, including swaps, futures, forwards and options. All derivative instruments, except those that qualify for the normal purchase/normal sale (NPNS) exception, are recorded on the Consolidated Balance Sheets at fair value. Qualifying derivative instruments may be designated as either cash flow hedges or fair value hedges. Other derivative instruments (undesignated contracts) either have not been designated or do not qualify as hedges. The effective portion of the change in the fair value of cash flow hedges is recorded in AOCI. The effective portion of the change in the fair value of a fair value hedge is offset in net income by changes in the hedged item. For activity subject to regulatory accounting, gains and losses on derivative contracts are reflected as regulatory assets or liabilities and not as other comprehensive income or current period income. As a result, changes in fair value of these derivatives have no immediate earnings impact.

Formal documentation, including transaction type and risk management strategy, is maintained for all contracts accounted for as a hedge. At inception and at least every three months thereafter, the hedge contract is assessed to see if it is highly effective in offsetting changes in cash flows or fair values of hedged items.

See Note 14 for further information.

Captive Insurance Reserves

Duke Energy has captive insurance subsidiaries that provide coverage, on an indemnity basis, to the Subsidiary Registrants as well as certain third parties, on a limited basis, for various business risks and losses, such as property, workers' compensation and general liability. Liabilities include provisions for estimated losses incurred but not yet reported (IBNR), as well as estimated provisions for known claims. IBNR reserve estimates are primarily based upon historical loss experience, industry data and other actuarial assumptions. Reserve estimates are adjusted in future periods as actual losses differ from experience.

Duke Energy, through its captive insurance entities, also has reinsurance coverage with third parties for certain losses above a per occurrence and/or aggregate retention. Receivables for reinsurance coverage are recognized when realization is deemed probable.

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Unamortized Debt Premium, Discount and Expense

Premiums, discounts and expenses incurred with the issuance of outstanding long-term debt are amortized over the term of the debt issue. The gain or loss on extinguishment associated with refinancing higher-cost debt obligations in the regulated operations is amortized. Amortization expense is recorded as Interest Expense in the Consolidated Statements of Operations and is reflected as Depreciation, amortization and accretion within Net cash provided by operating activities on the Consolidated Statements of Cash Flows.

Premiums, discounts and expenses are presented as an adjustment to the carrying value of the debt amount and included in Long-Term Debt on the Consolidated Balance Sheets presented.

Loss Contingencies and Environmental Liabilities

Contingent losses are recorded when it is probable a loss has occurred and can be reasonably estimated. When a range of the probable loss exists and no amount within the range is a better estimate than any other amount, the minimum amount in the range is recorded. Unless otherwise required by GAAP, legal fees are expensed as incurred.

Environmental liabilities are recorded on an undiscounted basis when environmental remediation or other liabilities become probable and can be reasonably estimated. Environmental expenditures related to past operations that do not generate current or future revenues are expensed. Environmental expenditures related to operations that generate current or future revenues are expensed or capitalized, as appropriate. Certain environmental expenditures receive regulatory accounting treatment and are recorded as regulatory assets.

See Notes 4 and 5 for further information.

Pension and Other Post-Retirement Benefit Plans

Duke Energy maintains qualified, non-qualified and other post-retirement benefit plans. Eligible employees of the Subsidiary Registrants participate in the respective qualified, non-qualified and other post-retirement benefit plans and the Subsidiary Registrants are allocated their proportionate share of benefit costs. See Note 21 for further information, including significant accounting policies associated with these plans.

Severance and Special Termination Benefits

Duke Energy has a severance plan under which, in general, the longer a terminated employee worked prior to termination the greater the amount of severance benefits. A liability for involuntary severance is recorded once an involuntary severance plan is committed to by management if involuntary severances are probable and can be reasonably estimated. For involuntary severance benefits incremental to its ongoing severance plan benefits, the fair value of the obligation is expensed at the communication date if there are no future service requirements or over the required future service period. From time to time, Duke Energy offers special termination benefits under voluntary severance programs. Special termination benefits are recorded immediately upon employee acceptance absent a significant retention period. Otherwise, the cost is recorded over the remaining service period. Employee acceptance of voluntary severance benefits is determined by management based on the facts and circumstances of the benefits being offered. See Note 19 for further information.

Guarantees

Liabilities are recognized at the time of issuance or material modification of a guarantee for the estimated fair value of the obligation it assumes. Fair value is estimated using a probability-weighted approach. The obligation is reduced over the term of the guarantee or related contract in a systematic and rational method as risk is reduced. Any additional contingent loss for guarantee contracts subsequent to the initial recognition of a liability is accounted for and recognized at the time a loss is probable and can be reasonably estimated. See Note 7 for further information.

Stock-Based Compensation

Stock-based compensation represents costs related to stock-based awards granted to employees and Duke Energy Board of Directors (Board of Directors) members. Duke Energy recognizes stock-based compensation based upon the estimated fair value of awards, net of estimated forfeitures at the date of issuance. The recognition period for these costs begins at either the applicable service inception date or grant date and continues throughout the requisite service period. Compensation cost is recognized as expense or capitalized as a component of property, plant and equipment. See Note 20 for further information.

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Income Taxes

Duke Energy and its subsidiaries file a consolidated federal income tax return and other state and foreign jurisdictional returns. The Subsidiary Registrants entered into a tax-sharing agreement with Duke Energy. Income taxes recorded represent amounts the Subsidiary Registrants would incur as separate C-Corporations. Deferred income taxes have been provided for temporary differences between GAAP and tax bases of assets and liabilities because the differences create taxable or tax-deductible amounts for future periods. Investment tax credits (ITCs) associated with regulated operations are deferred and amortized as a reduction of income tax expense over the estimated useful lives of the related properties.

Positions taken or expected to be taken on tax returns, including the decision to exclude certain income or transactions from a return, are recognized in the financial statements when it is more likely than not the tax position can be sustained based solely on the technical merits of the position. The largest amount of tax benefit that is greater than 50 percent likely of being effectively settled is recorded. Management considers a tax position effectively settled when: (i) the taxing authority has completed its examination procedures, including all appeals and administrative reviews; (ii) the Duke Energy Registrants do not intend to appeal or litigate the tax position included in the completed examination; and (iii) it is remote that the taxing authority would examine or re-examine the tax position. The amount of a tax return position that is not recognized in the financial statements is disclosed as an unrecognized tax benefit. If these unrecognized tax benefits are later recognized, then there will be a decrease in income tax expense or a reclassification between deferred and current taxes payable. If the portion of tax benefits that has been recognized changes and those tax benefits are subsequently unrecognized, then the previously recognized tax benefits may impact the financial statements through increasing income tax expense or a reclassification between deferred and current taxes payable. Changes in assumptions on tax benefits may also impact interest expense or interest income and may result in the recognition of tax penalties.

Tax-related interest and penalties are recorded in Interest Expense and Other Income and Expenses, net in the Consolidated Statements of Operations.

See Note 22 for further information.

Accounting for Renewable Energy Tax Credits and Cash Grants

When Duke Energy receives ITCs or cash grants on wind or solar facilities, it reduces the basis of the property recorded on the Consolidated Balance Sheets by the amount of the ITC or cash grant and, therefore, the ITC or grant benefit is ultimately recognized in the statement of operations through reduced depreciation expense. Additionally, certain tax credits and government grants result in an initial tax depreciable base in excess of the book carrying value by an amount equal to one half of the ITC or government grant. Deferred tax benefits are recorded as a reduction to income tax expense in the period that the basis difference is created.

Excise Taxes

Certain excise taxes levied by state or local governments are required to be paid even if not collected from the customer. These taxes are recognized on a gross basis. Otherwise, the taxes are accounted for net. Excise taxes accounted for on a gross basis as both operating revenues and property and other taxes in the Consolidated Statements of Operations were as follows.

| | Years Ended December 31, | | | |
|-----------------------|------------------------------|--------|------|--|
| (in millions) | 2016 | 2015 | 2014 | |
| Duke Energy | \$ 362 \$ | 396 \$ | 498 | |
| Duke Energy Carolinas | 31 | 31 | 94 | |
| Progress Energy | 213 | 229 | 263 | |
| Duke Energy Progress | 18 | 16 | 56 | |
| Duke Energy Florida | 195 | 213 | 207 | |
| Duke Energy Ohio | 100 | 102 | 103 | |
| Duke Energy Indiana | 17 | 34 | 38 | |

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On July 23, 2013, North Carolina House Bill 998, or the North Carolina Tax Simplification and Rate Reduction Act (HB 998) was signed into law. HB 998 repealed the utility franchise tax effective July 1, 2014. The utility franchise tax was a 3.22 percent gross receipts tax on sales of electricity. The result of this change in law is an annual reduction in excise taxes of approximately \$160 million for Duke Energy Carolinas and approximately \$110 million for Duke Energy Progress. HB 998 also increases sales tax on electricity from 3 percent to 7 percent effective July 1, 2014. HB 998 requires the NCUC to adjust retail electric rates for the elimination of the utility franchise tax, changes due to the increase in sales tax on electricity and the resulting change in liability of utility companies under the general franchise tax.

Dividend Restrictions and Unappropriated Retained Earnings

Duke Energy does not have any legal, regulatory or other restrictions on paying common stock dividends to shareholders. However, as further described in Note 4, due to conditions established by regulators in conjunction with merger transaction approvals, Duke Energy Carolinas, Duke Energy Progress, Duke Energy Ohio, Duke Energy Indiana and Piedmont have restrictions on paying dividends or otherwise advancing funds to Duke Energy. At December 31, 2016 and 2015, an insignificant amount of Duke Energy's consolidated Retained earnings balance represents undistributed earnings of equity method investments.

New Accounting Standards

The following new accounting standards have been issued, but have not yet been adopted by the Duke Energy Registrants, as of December 31, 2016.

Goodwill Impairment. In January 2017, the Financial Accounting Standards Board (FASB) issued revised guidance for subsequent measurement of goodwill. Under the updated guidance, a company will recognize an impairment to goodwill for the amount by which a reporting unit's carrying value exceeds the reporting unit's fair value, not to exceed the amount of goodwill allocated to that reporting unit. Duke Energy is unable to determine the future impact of adopting this guidance.

For Duke Energy, this guidance is effective for interim and annual periods beginning January 1, 2020, but may be early adopted for interim or annual goodwill tests performed on testing dates after January 1, 2017. The guidance will be applied on a prospective basis.

Revenue from Contracts with Customers. In May 2014, the FASB issued revised accounting guidance for revenue recognition from contracts with customers. The core principle of this guidance is that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. The amendments in this update also require disclosure of sufficient information to allow users to understand the nature, amount, timing and uncertainty of revenue and cash flows arising from contracts with customers.

Most of Duke Energy's revenue is expected to be in scope of the new guidance. The majority of our sales, including energy provided to residential customers, are from tariff offerings that provide natural gas or electricity without a defined contractual term ('at-will'). For such arrangements, Duke Energy expects that the revenue from contracts with customers will be equivalent to the electricity or natural gas supplied and billed in that period (including estimated billings). As such, Duke Energy does not expect that there will be a significant shift in the timing or pattern of revenue recognition for such sales. The evaluation of other revenue streams is ongoing, including long-term contracts with industrial customers and long-term purchase power agreements (PPA).

Duke Energy continues to evaluate what information would be most useful for users of the financial statements, including information already provided in disclosures outside of the financial statement footnotes. These additional disclosures could include the disaggregation of revenues by geographic location, type of service, customer class or by duration of contract ('at-will' versus contracted revenue). Revenues from contracts with customers, revenue recognized under regulated operations accounting and revenue from lease accounting will also be disclosed.

Duke Energy intends to use the modified retrospective method of adoption effective January 1, 2018. This method results in a cumulative change effect that will be recorded as an adjustment to retained earnings as of January 1, 2018, as if the standard had always been in effect. Disclosures for 2018 will include a comparison to what would have been reported for 2018 under the current revenue recognition rules in order to assist financial statement users in understanding how revenue recognition has changed as a result of this standard and to facilitate comparability with prior year reported results, which are not restated under the modified retrospective approach.

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Leases. In February 2016, the FASB issued revised accounting guidance for leases. The core principle of this guidance is that a lessee should recognize the assets and liabilities that arise from leases on the balance sheet.

For Duke Energy, this guidance is effective for interim and annual periods beginning January 1, 2019, although it can be early adopted. The guidance is applied using a modified retrospective approach. Duke Energy is currently evaluating the financial statement impact of adopting this standard. Other than an expected increase in assets and liabilities, the ultimate impact of the new standard has not yet been determined. Significant system enhancements may be required to facilitate the identification, tracking and reporting of potential leases based upon requirements of the new lease standard.

Stock-Based Compensation and Income Taxes. In March 2016, the FASB issued revised accounting guidance for stock-based compensation and the associated income taxes. This standard changes certain aspects of accounting for stock-based payment awards to employees including the accounting for income taxes, statutory tax withholding requirements, as well as classification on the Consolidated Statements of Cash Flows. The primary future impact to the Duke Energy Registrants is expected to be a small increase in the volatility of income tax expense. This guidance will be adopted prospectively, retrospectively, or using a modified retrospective approach depending on the item changed for the period beginning January 1, 2017

Statement of Cash Flows. In November 2016, the FASB issued revised accounting guidance to reduce diversity in practice for the presentation and classification of restricted cash on the statement of cash flows. Under the updated guidance, restricted cash and restricted cash equivalents will be included within beginning-of-period and end-of-period cash and cash equivalents on the statement of cash flows.

For Duke Energy, this guidance is effective for the interim and annual periods beginning January 1, 2018, although it can be early adopted. The guidance will be applied using a retrospective transition method to each period presented. Upon adoption by Duke Energy, the revised guidance will result in a change in total cash, cash equivalents and amounts generally described as restricted cash or restricted cash equivalents explained when reconciling the beginning-of-period and end-of-period total amounts shown on the statement of cash flows. Prior to adoption, the Duke Energy Registrants reflect changes in restricted cash within Cash Flows from Investing Activities on the Consolidated Statement of Cash Flows.

Financial Instruments Classification and Measurement. In January 2016, the FASB issued revised accounting guidance for the classification and measurement of financial instruments. Changes in the fair value of all equity securities will be required to be recorded in net income. Current GAAP allows some changes in fair value for available-for-sale equity securities to be recorded in AOCI. Additional disclosures will be required to present separately the financial assets and financial liabilities by measurement category and form of financial asset. An entity's equity investments that are accounted for under the equity method of accounting are not included within the scope of the new guidance.

For Duke Energy, the revised accounting guidance is effective for interim and annual periods beginning January 1, 2018, by recording a cumulative change effect that will be recorded as an adjustment to retained earnings as of January 1, 2018. This guidance is expected to have minimal impact on the Duke Energy Registrant's Consolidated Statements of Operations and Comprehensive Income as changes in the fair value of most of the Duke Energy Registrants' available-for-sale equity securities are deferred as regulatory assets or liabilities pursuant to accounting guidance for regulated operations.

2. ACQUISITIONS AND DISPOSITIONS

ACQUISITIONS

The Duke Energy Registrants consolidate assets and liabilities from acquisitions as of the purchase date and include earnings from acquisitions in consolidated earnings after the purchase date.

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Acquisition of Piedmont Natural Gas

On October 3, 2016, Duke Energy acquired all outstanding common stock of Piedmont for a total cash purchase price of \$5.0 billion and assumed Piedmont's existing long-term debt, which had an estimated fair value of approximately \$2.0 billion at the time of the acquisition. Piedmont is a North Carolina corporation primarily engaged in regulated natural gas distribution to residential, commercial, industrial and power generation customers in portions of North Carolina, South Carolina and Tennessee. Piedmont is also invested in joint-venture, energy-related businesses, including regulated interstate natural gas transportation and storage and regulated intrastate natural gas transportation. The acquisition provides a foundation for Duke Energy to establish a broader, long-term strategic natural gas infrastructure platform to complement its existing natural gas pipeline investments and regulated natural gas business in the Midwest. In connection with the closing of the acquisition, Piedmont became a wholly owned subsidiary of Duke Energy.

Preliminary Purchase Price Allocation

The preliminary purchase price allocation of the Piedmont acquisition is estimated as follows:

| (in millions) | |
|---|-------------|
| Current assets | \$ 497 |
| Property, plant and equipment, net | 4,714 |
| Goodwill | 3,353 |
| Other long-term assets | 804 |
| Total assets | 9,368 |
| Current liabilities, including current maturities of long-term debt | 576 |
| Long-term liabilities | 1,790 |
| Long-term debt | 2,002 |
| Total liabilities | 4,368 |
| Total purchase price | \$ 5,000 |

The fair value of Piedmont's assets and liabilities were determined based on significant estimates and assumptions that are judgmental in nature, including projected future cash flows (including timing); discount rates reflecting risk inherent in the future cash flows and market prices of long-term debt. The preliminary amounts are subject to revision to the extent that additional information is obtained about the facts and circumstances that existed as of the acquisition date.

The majority of Piedmont's operations are subject to the rate-setting authority of the NCUC, the PSCSC and the TRA and are accounted for pursuant to accounting guidance for regulated operations. The rate-setting and cost recovery provisions currently in place for Piedmont's regulated operations provide revenues derived from costs, including a return on investment of assets and liabilities included in rate base. Thus, the fair value of Piedmont's assets and liabilities subject to these rate-setting provisions approximates the pre-acquisition carrying values and does not reflect any net valuation adjustments.

The significant assets and liabilities for which valuation adjustments were reflected within the purchase price allocation include the acquired equity method investments and long-term debt. The difference between the preliminary fair value and the pre-merger carrying values of long-term debt for regulated operations was recorded as a regulatory asset.

The excess of the purchase price over the estimated fair value of Piedmont's assets and liabilities on the acquisition date was recorded as goodwill. The goodwill reflects the value paid by Duke Energy primarily for establishing a broader, long-term strategic natural gas infrastructure platform, an improved risk profile and expected synergies resulting from the combined entities. See Note 11 for information related to the allocation of goodwill to Duke Energy's reporting units.

Accounting Charges Related to the Acquisition

Duke Energy incurred pretax non-recurring transaction and integration costs associated with the acquisition of \$439 million and \$9 million for the years ended December 31, 2016 and 2015, respectively. Amounts recorded on the Consolidated Statements of Operations in 2016 include:

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- Interest expense of \$234 million related to the acquisition financing, including realized losses on forward-starting interest rate swaps of \$190 million. See Note 14 for additional information on the swaps.
- Charges of \$104 million related to commitments made in conjunction with the transaction, including charitable contributions and a one-time bill
 credit to Piedmont customers. \$10 million was recorded as a reduction in Operating Revenues, with the remaining \$94 million recorded within
 Operation, maintenance and other.
- Other transaction and integration costs of \$101 million recorded to Operation, maintenance and other, including professional fees and severance.

Pro Forma Financial Information

The following unaudited pro forma financial information reflects the combined results of operations of Duke Energy and Piedmont as if the merger had occurred as of January 1, 2015. The pro forma financial information does not include potential cost savings, intercompany revenues, Piedmont's earnings from a certain equity method investment sold immediately prior to the merger or non-recurring transaction and integration costs incurred by Duke Energy and Piedmont. The after-tax non-recurring transaction and integration costs incurred by Duke Energy and Piedmont were \$279 million and \$19 million for the years ended December 31, 2016 and 2015, respectively.

This information has been presented for illustrative purposes only and is not necessarily indicative of the consolidated results of operations that would have been achieved or the future consolidated results of operations of Duke Energy.

| | | Years Ended December 31, | | | | | |
|--|------|--------------------------|--------|--|--|--|--|
| (in millions) | 2016 | | 2015 | | | | |
| Operating Revenues | \$ | 23,504 \$ | 23,570 | | | | |
| Net Income Attributable to Duke Energy Corporation | | 2,442 | 2,877 | | | | |

Piedmont's Earnings

Piedmont's revenues and net income included in Duke Energy's Consolidated Statements of Operations for the year ended December 31, 2016, were \$367 million and \$20 million, respectively. Piedmont's revenues and net income for the year ended December 31, 2016 include the impact of non-recurring transaction costs of \$10 million and \$46 million, respectively.

Acquisition Related Financings and Other Matters

Duke Energy financed the Piedmont acquisition with a combination of debt and equity issuances and other cash sources, including:

- \$3.75 billion of long-term debt issued in August 2016.
- \$750 million borrowed under the \$1.5 billion short-term loan facility in September 2016, which was repaid in December 2016.
- 10.6 million shares of common stock issued in October 2016 for net cash proceeds of approximately \$723 million.

The \$4.9 billion senior unsecured bridge financing facility (Bridge Facility) with Barclays Capital, Inc. (Barclays) was terminated following the issuance of the long-term debt. For additional information related to the debt and equity issuances, see Notes 6 and 18, respectively. For additional information regarding Duke Energy's and Piedmont's joint investment in Atlantic Coast Pipeline, LLC (ACP), see Note 4.

Purchase of NCEMPA's Generation

On July 31, 2015, Duke Energy Progress completed the purchase of North Carolina Eastern Municipal Power Agency's (NCEMPA) ownership interests in certain generating assets, fuel and spare parts inventory jointly owned with and operated by Duke Energy Progress for approximately \$1.25 billion. This purchase was accounted for as an asset acquisition. The purchase resulted in the acquisition of a total of approximately 700 megawatts (MW) of generating capacity at Brunswick Nuclear Plant (Brunswick), Shearon Harris Nuclear Plant (Harris), Mayo Steam Plant and Roxboro Steam Plant. In connection with this transaction, Duke Energy Progress and NCEMPA entered into a 30-year wholesale power agreement, whereby Duke Energy Progress will sell power to NCEMPA to continue to meet the needs of NCEMPA customers.

The purchase price exceeded the historical carrying value of the acquired assets by \$350 million, which was recognized as an acquisition adjustment and recorded in property, plant and equipment. Duke Energy Progress established a rider in North Carolina to recover the costs to acquire, operate and maintain interests in the assets purchased as allocated to its North Carolina retail operations, including the purchase acquisition adjustment, and included the purchase acquisition adjustment in wholesale power formula rates.

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| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | |

Duke Energy Progress received an order from the PSCSC to defer recovery of the South Carolina retail allocated costs of the asset purchased until Duke Energy Progress' next general rate case, which was filed in July 2016. In October 2016, Duke Energy Progress, the Office of Regulatory Staff (ORS) and intervenors entered into a settlement agreement that provides for recovery of the historical carrying value of the South Carolina allocated purchased costs of the transaction. The settlement agreement was approved by the PSCSC in December 2016. See Note 4 for additional information on the South Carolina rate case.

The ownership interests in generating assets acquired are subject to rate-setting authority of the FERC, NCUC and PSCSC and accordingly, the assets are recorded at historical cost. The assets acquired are presented in the following table.

| (in millions) | |
|---|-------------|
| Inventory | \$ 56 |
| Net property, plant and equipment | 845 |
| Total assets | 901 |
| Acquisition adjustment, recorded within property, plant and equipment | 350 |
| Total purchase price | \$ 1,251 |

In connection with the acquisition, Duke Energy Progress acquired NCEMPA's NDTF assets of \$287 million and assumed AROs of \$204 million associated with NCEMPA's interest in the generation assets. The NDTF and the AROs are subject to regulatory accounting treatment.

DISPOSITIONS

The following table summarizes the (Loss) Income from Discontinued Operations, net of tax recorded on Duke Energy's Consolidated Statements of Operations:

| | Years Ended December 31, | | | | , |
|--|------------------------------|----|------|----|-------|
| (in millions) | 2016 | | 2015 | | 2014 |
| International Energy Disposal Group | \$ (534) | \$ | 157 | \$ | (73) |
| Midwest Generation Disposal Group | 36 | | 33 | | (524) |
| Other(a) | 90 | | (13) | | (52) |
| (Loss) Income from Discontinued Operations, net of tax | \$ (408) | \$ | 177 | \$ | (649) |

(a) Relates to previously sold businesses not related to the Disposal Groups. The amount for 2016 represents an income tax benefit resulting from immaterial out of period deferred tax liability adjustments. The amounts for 2015 and 2014 include indemnifications provided for certain legal, tax and environmental matters and foreign currency translation adjustments.

Sale of International Energy

In February 2016, Duke Energy announced it had initiated a process to divest its International Energy businesses, excluding the equity method investment in NMC (the International Disposal Group), and in October 2016, announced it had entered into two separate purchase and sale agreements to execute the divestiture. Both sales closed in December of 2016, resulting in available cash proceeds of \$1.9 billion, excluding transaction costs. Proceeds were primarily used to reduce Duke Energy holding company debt. Existing favorable tax attributes result in no immediate U.S. federal-level cash tax impacts. Details of each transaction are as follows:

- On December 20, 2016, Duke Energy closed on the sale of its ownership interests in businesses in Argentina, Chile, Ecuador, El Salvador,
 Guatemala and Peru to I Squared Capital. The assets sold included approximately 2,230 MW of hydroelectric and natural gas generation capacity,
 transmission infrastructure and natural gas processing facilities. I Squared Capital purchased the businesses for an enterprise value of \$1.2 billion.
- On December 29, 2016, Duke Energy closed on the sale of its Brazilian business, which included approximately 2,090 MW of hydroelectric
 generation capacity, to CTG for an enterprise value of \$1.2 billion. With the closing of the CTG deal, Duke Energy finalized its exit from the Latin
 American market.

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| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | |

Assets Held For Sale and Discontinued Operations

As a result of the transactions, the International Disposal Group was classified as held for sale and as discontinued operations in the fourth quarter of 2016. Interest expense directly associated with the International Disposal Group was allocated to discontinued operations. No interest from corporate level debt was allocated to discontinued operations.

The following table presents the carrying values of the major classes of Assets held for sale and Liabilities associated with assets held for sale included in the Consolidated Balance Sheets. As a result of Duke Energy closing both transactions in December 2016, there are no Assets held for sale or Liabilities associated with assets held for sale as of December 31, 2016.

| (in millions) | Dece | mber 31, 2015 |
|---|------|---------------|
| Current assets held for sale | | |
| Cash and cash equivalents | \$ | 474 |
| Receivables, net | | 188 |
| Inventory | | 65 |
| Other | | 19 |
| Total current assets held for sale | | 746 |
| Noncurrent assets held for sale | | |
| Property, Plant and Equipment | | |
| Cost | | 2,859 |
| Accumulated depreciation and amortization | | (930) |
| Net property, plant and equipment | | 1,929 |
| Goodwill | | 271 |
| Other | | 213 |
| Total noncurrent assets held for sale | | 2,413 |
| Total assets held for sale | \$ | 3,159 |
| Current liabilities associated with assets held for sale | | |
| Accounts payable | \$ | 51 |
| Taxes accrued | | 60 |
| Current maturities of long-term debt | | 48 |
| Other | | 120 |
| Total current liabilities associated with assets held for sale | | 279 |
| Noncurrent liabilities associated with assets held for sale | | |
| Long-Term Debt | | 653 |
| Deferred income taxes | | 157 |
| Other | | 90 |
| Total noncurrent liabilities associated with assets held for sale | | 900 |
| Total liabilities associated with assets held for sale | \$ | 1,179 |

The value of goodwill increased by \$7 million from December 31, 2015 through the date of sale as a result of changes in foreign currency exchanges rates. At the time of the disposition, the International Disposal Group included goodwill of \$278 million.

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The following table presents the results of the International Disposal Group which are included in (Loss) Income from Discontinued Operations, net of tax in Duke Energy's Consolidated Statements of Operations.

| | Years Ended | d December 31 | , | |
|--|-----------------|---------------|-------|--|
| (in millions) | 2016 | 2015 | 2014 | |
| Operating Revenues | \$ 988 \$ | 1,088 \$ | 1,417 | |
| Fuel used in electric generation and purchased power | 227 | 306 | 486 | |
| Cost of natural gas | 43 | 53 | 63 | |
| Operation, maintenance and other | 341 | 334 | 352 | |
| Depreciation and amortization(a) | 62 | 92 | 97 | |
| Property and other taxes | 15 | 7 | 9 | |
| Impairment charges (b) | 194 | 13 | _ | |
| (Loss) Gains on Sales of Other Assets and Other, net | (3) | 6 | 6 | |
| Other Income and Expenses, net | 58 | 23 | 47 | |
| Interest Expense | 82 | 85 | 93 | |
| Pretax loss on disposal ^(C) | (514) | _ | _ | |
| (Loss) Income before income taxes(d) | (435) | 227 | 370 | |
| Income tax expense(e)(f) | 99 | 70 | 443 | |
| (Loss) Income from discontinued operations of the International Disposal Group | \$ (534) \$ | 157 \$ | (73) | |

- (a) Upon meeting the criteria for assets held for sale, beginning in the fourth quarter of 2016 depreciation expense was ceased.
- (b) In conjunction with the advancements of marketing efforts during 2016, Duke Energy performed recoverability tests of the long-lived asset groups of International Energy. As a result, Duke Energy determined the carrying value of certain assets in Central America was not fully recoverable and recorded a pretax impairment charge of \$194 million. The charge represents the excess of carrying value over the estimated fair value of the assets, which was based on a Level 3 Fair Value measurement that was primarily determined from the income approach using discounted cash flows but also considered market information obtained in 2016.
- (c) The pretax loss on disposal includes the recognition of cumulative foreign currency translation losses of \$620 million as of the disposal date. See the Consolidated Statements of Changes in Equity for additional information.
- (d) Pretax (Loss) Income attributable to Duke Energy Corporation was \$(445) million, \$221 million and \$360 million for the years ended December 31, 2016, 2015 and 2014, respectively.
- (e) 2016 amount includes \$126 million of income tax expense on the disposal, which primarily reflects in-country taxes incurred as a result of the sale. The after-tax loss on disposal was \$640 million.
- (f) 2016 amount includes an income tax benefit of \$95 million and 2014 amount includes an income tax charge of \$373 million related to historical undistributed foreign earnings. See Note 22, "Income Taxes," for additional information.

Duke Energy has elected not to separately disclose discontinued operations on the Consolidated Statements of Cash Flows. The following table summarizes Duke Energy's cash flows from discontinued operations related to the International Disposal Group.

| | _ | Years Ended December 31, | | | |
|-----------------------------------|----|--------------------------|----|------|--------|
| (in millions) | · | 2016 | | 2015 | 2014 |
| Cash flows provided by (used in): | | | | | |
| Operating activities | \$ | 204 | \$ | 248 | \$ 339 |
| Investing activities | | (434) | | 177 | 111 |

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Other Sale Related Matters

Duke Energy will provide transition services to CTG and I Squared for a period not to extend beyond March 2017 and September 2017, respectively. In addition, Duke Energy will reimburse CTG and I Squared for all tax obligations arising from the period preceding consummation on the transactions, totaling approximately \$78 million. Duke Energy has not recorded any other liabilities, contingent liabilities or indemnifications related to the International Disposal Group.

Midwest Generation Exit

Duke Energy, through indirect subsidiaries, completed the sale of the Midwest Generation Disposal Group to a subsidiary of Dynegy on April 2, 2015, for approximately \$2.8 billion in cash. The nonregulated Midwest generation business included generation facilities with approximately 5,900 MW of owned capacity located in Ohio, Pennsylvania and Illinois. On April 1, 2015, prior to the sale, Duke Energy Ohio distributed its indirect ownership interest in the nonregulated Midwest generation business to a subsidiary of Duke Energy Corporation.

Duke Energy utilized a revolving credit agreement (RCA) to support the operations of the nonregulated Midwest generation business. Duke Energy Ohio had a power purchase agreement with the Midwest Generation Disposal Group for a portion of its standard service offer (SSO) supply requirement. The agreement and the SSO expired in May 2015.

The results of operations of the Midwest Generation Disposal Group prior to the date of sale are classified as discontinued operations in the accompanying Consolidated Statements of Operations. Interest expense associated with the RCA was allocated to discontinued operations. No other interest expense related to corporate level debt was allocated to discontinued operations. Certain immaterial costs that were eliminated as a result of the sale remained in continuing operations. The following table summarizes the Midwest Generation Disposal Group activity recorded within discontinued operations.

| | | Duke Energy Years Ended December 31, | | | Duke Energy Ohio Years Ended December 31, | | | |
|--|----|--------------------------------------|-----------|---------|---|--------|-------|--|
| | _ | | | | | | | |
| (in millions) | | 2016 | 2015 2 |)14 | 2016 | 2015 | 2014 | |
| Operating Revenues | \$ | - \$ | 543 \$ 1, | 748 \$ | - \$ | 412 \$ | 1,299 | |
| Pretax Loss on disposal ^(a) | | _ | (45) | 929) | _ | (52) | (959) | |
| | | | | | | | | |
| Income (loss) before income taxes(b) | \$ | – \$ | 59 \$ (8 | 318) \$ | - \$ | 44 \$ | (863) | |
| Income tax (benefit) expense(c) | | (36) | 26 (2 | 294) | (36) | 21 | (300) | |
| Income (loss) from discontinued operations | \$ | 36 \$ | 33 \$ (| 524) \$ | 36 \$ | 23 \$ | (563) | |

- (a) The Loss on disposal includes impairments recorded to adjust the carrying amount of the assets to the estimated fair value of the business, based on the selling price to Dynegy less cost to sell.
- (b) 2015 amounts include the impact of an \$81 million charge for the settlement agreement reached in a lawsuit related to the Midwest Generation Disposal Group. Refer to Note 5 for further information about the lawsuit.
- (c) 2016 amounts result from immaterial out of period deferred tax liability adjustments.

3. BUSINESS SEGMENTS

Duke Energy evaluates segment performance based on segment income. Segment income is defined as income from continuing operations net of income attributable to noncontrolling interests. Segment income, as discussed below, includes intercompany revenues and expenses that are eliminated in the Consolidated Financial Statements. Certain governance costs are allocated to each segment. In addition, direct interest expense and income taxes are included in segment income.

Operating segments are determined based on information used by the chief operating decision-maker in deciding how to allocate resources and evaluate the performance of the business.

Products and services are sold between affiliate companies and reportable segments of Duke Energy at cost. Segment assets as presented in the tables that follow exclude all intercompany assets.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|---|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued) |) | |

Duke Energy

Due to the Piedmont acquisition and the sale of International Energy in the fourth quarter of 2016, Duke Energy's segment structure has been realigned to include the following segments: Electric Utilities and Infrastructure, Gas Utilities and Infrastructure and Commercial Renewables. Prior period information has been recast to conform to the current segment structure. See Note 2 for further information on the Piedmont and International Energy transactions.

Electric Utilities and Infrastructure includes Duke Energy's regulated electric utilities in the Carolinas, Florida and the Midwest. The regulated electric utilities conduct operations through the Subsidiary Registrants that are substantially all regulated and, accordingly, qualify for regulatory accounting treatment. Electric Utilities and Infrastructure also includes Duke Energy's commercial electric transmission infrastructure investments.

Gas Utilities and Infrastructure contains Piedmont, Duke Energy's natural gas local distribution companies in Ohio and Kentucky, and Duke Energy's natural gas storage and pipeline investments. Gas Utilities and Infrastructure's operations are substantially all regulated and, accordingly, qualify for regulatory accounting treatment.

Commercial Renewables is primarily comprised of nonregulated utility scale wind and solar generation assets located throughout the U.S.

In December 2016, Duke Energy closed on the sale of the International Disposal Group, which includes the former International Energy business segment, excluding the equity method investment in NMC. Results of the International Disposal Group are presented within Discontinued Operations for all periods and results of NMC are presented within Other for all periods, as described below. See Note 2, "Acquisitions and Dispositions" for additional information related to the sale.

The remainder of Duke Energy's operations is presented as Other, which is primarily comprised of unallocated corporate interest expense, unallocated corporate costs, contributions to the Duke Energy Foundation and the operations of Duke Energy's wholly owned captive insurance subsidiary, Bison Insurance Company Limited (Bison). As discussed above, Other also includes Duke Energy's 25 percent interest in NMC, a large regional producer of methyl tertiary butyl ether (MTBE) located in Saudi Arabia. The investment in NMC is accounted for under the equity method of accounting.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| 1 | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

| | | | | | | Year Ended | De | ecember 31, | 20 | 16 | | | | |
|---|----|---------------|----|---------------|----|------------|----|-------------|----|-------|----|-------------|----|---------|
| | | Electric | | Gas | | | | Total | | | | | | |
| | | Utilities and | | Utilities and | (| Commercial | | Reportable | | | | | | |
| (in millions) | In | frastructure | lı | nfrastructure | F | Renewables | | Segments | | Other | Е | liminations | | Total |
| Unaffiliated Revenues | \$ | 21,336 | \$ | 875 | \$ | 484 | \$ | 22,695 | \$ | 48 | \$ | _ \$ | \$ | 22,743 |
| Intersegment Revenues | | 30 | | 26 | | _ | | 56 | | 69 | | (125) | | _ |
| Total Revenues | \$ | 21,366 | \$ | 901 | \$ | 484 | \$ | 22,751 | \$ | 117 | \$ | (125) \$ | \$ | 22,743 |
| Interest Expense | \$ | 1,136 | \$ | 46 | \$ | 53 | \$ | 1,235 | \$ | 693 | \$ | (12) \$ | \$ | 1,916 |
| Depreciation and amortization | | 2,897 | | 115 | | 130 | | 3,142 | | 152 | | _ | | 3,294 |
| Equity in earnings (losses) of unconsolidated affiliates ^(a) | | 5 | | 19 | | (82) | | (58) | | 43 | | _ | | (15) |
| Income tax expense (benefit) | | 1,672 | | 90 | | (160) | | 1,602 | | (446) | | _ | | 1,156 |
| Segment income (loss)(b)(c) | | 3,040 | | 152 | | 23 | | 3,215 | | (645) | | 1 | | 2,571 |
| Add back noncontrolling interest component | | | | | | | | | | | | | | 7 |
| Loss from discontinued operations, net of tax(d) | | | | | | | | | | | | | | (408) |
| Net income | | | | | | | | | | | | • | \$ | 2,170 |
| Capital investments expenditures and acquisitions(e) | \$ | 6,649 | \$ | 5,519 | \$ | 857 | \$ | 13,025 | \$ | 190 | \$ | _ 9 | 8 | 13,215 |
| Segment assets | • | 114,993 | • | 10,760 | • | 4,377 | • | 130,130 | • | 2,443 | _ | 188 | | 132,761 |

- (a) Commercial Renewables includes a pretax impairment charge of \$71 million. See Note 12 for additional information.
- (b) Other includes \$329 million of after-tax costs to achieve mergers. Refer to Note 2 for additional information on costs related to the Piedmont merger
- (c) Other includes after-tax charges of \$57 million related to cost savings initiatives. Refer to Note 19 for further information.
- (d) Includes a loss on sale of the International Disposal Group. Refer to Note 2 for further information.
- (e) Other includes \$26 million of capital investments expenditures related to the International Disposal Group. Gas Utilities and Infrastructure includes the Piedmont acquisition of \$5 billion. Refer to Note 2 for more information on the Piedmont acquisition.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

| | | | | | | Year Ended | I D | ecember 31, | 20 | 15 | | | |
|--|----|---------------|----|---------------|----|------------|-----|-------------|----|-------|----|-------------|---------|
| | | Electric | | Gas | | | | Total | | | | | |
| | | Utilities and | | Utilities and | (| Commercial | | Reportable | | | | | |
| (in millions) | Ir | frastructure | lı | nfrastructure | ı | Renewables | | Segments | | Other | Е | liminations | Total |
| Unaffiliated Revenues | \$ | 21,489 | \$ | 536 | \$ | 286 | \$ | 22,311 | \$ | 60 | \$ | - \$ | 22,371 |
| Intersegment Revenues | | 32 | | 5 | | _ | | 37 | | 75 | | (112) | _ |
| Total Revenues | \$ | 21,521 | \$ | 541 | \$ | 286 | \$ | 22,348 | \$ | 135 | \$ | (112) \$ | 22,371 |
| Interest Expense | \$ | 1,074 | \$ | 25 | \$ | 44 | \$ | 1,143 | \$ | 393 | \$ | (9) \$ | 1,527 |
| Depreciation and amortization | | 2,735 | | 79 | | 104 | | 2,918 | | 135 | | _ | 3,053 |
| Equity in earnings (losses) of unconsolidated affiliates | | (2) | | 1 | | (6) | | (7) | | 76 | | _ | 69 |
| Income tax expense (benefit) | | 1,602 | | 44 | | (128) | | 1,518 | | (262) | | _ | 1,256 |
| Segment income (loss)(a)(b)(c) |) | 2,819 | | 73 | | 52 | | 2,944 | | (299) | | _ | 2,645 |
| Add back noncontrolling interest component | | | | | | | | | | | | | 9 |
| Income from discontinued operations, net of tax(d) | | | | | | | | | | | | | 177 |
| Net income | | | | | | | | | | | | \$ | 2,831 |
| Capital investments expenditures and acquisitions(e) | \$ | 6,852 | 2 | 234 | 2 | 1,019 | ¢ | 8,105 | Φ | 258 | 2 | — \$ | 8,363 |
| Segment assets(f) | Ψ | 109,097 | Ψ | 2,637 | Ψ | 3,861 | Ψ | 115,595 | Ψ | 5,373 | Ψ | — ψ 188 | 121,156 |

⁽a) Electric Utilities and Infrastructure includes an after-tax charge of \$58 million related to the Edwardsport settlement. Refer to Note 4 for further information.

- (b) Other includes \$60 million of after-tax costs to achieve mergers.
- (c) Other includes after-tax charges of \$77 million related to cost savings initiatives. Refer to Note 19 for further information.
- (d) Includes the impact of a settlement agreement reached in a lawsuit related to the Midwest Generation Disposal Group. Refer to Note 5 for further information related to the lawsuit and Note 2 for further information on discontinued operations.
- (e) Other includes capital investment expenditures of \$45 million related to the International Disposal Group.
- (f) Other includes Assets Held for Sale balances related to the International Disposal Group. Refer to Note 2 for further information.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

| | | | | | , | Year Ended I | Dec | ember 31, | 201 | 4 | | | |
|--|----|---------------|----|---------------|----|--------------|-----|------------|-----|--------|----|-------------|---------|
| | | Electric | | Gas | | | | Total | | | | | |
| | , | Jtilities and | | Utilities and | (| Commercial | R | Reportable | | | | | |
| (in millions) | In | frastructure | ı | nfrastructure | F | Renewables | ; | Segments | | Other | Е | liminations | Total |
| Unaffiliated Revenues | \$ | 21,655 | \$ | 573 | \$ | 235 | \$ | 22,463 | \$ | 46 | \$ | - \$ | 22,509 |
| Intersegment Revenues | _ | 36 | | 5 | | 1 | | 42 | | 70 | | (112) | |
| Total Revenues | \$ | 21,691 | \$ | 578 | \$ | 236 | \$ | 22,505 | \$ | 116 | \$ | (112) \$ | 22,509 |
| Interest Expense | \$ | 1,057 | \$ | 37 | \$ | 50 | \$ | 1,144 | \$ | 409 | \$ | (24) \$ | 1,529 |
| Depreciation and amortization | | 2,686 | | 73 | | 90 | | 2,849 | | 120 | | _ | 2,969 |
| Equity in earnings (losses) of unconsolidated affiliates | | (1) | | _ | | 8 | | 7 | | 123 | | _ | 130 |
| Income tax expense (benefit) | | 1,582 | | 45 | | (88) | | 1,539 | | (314) | | _ | 1,225 |
| Segment income (loss) (a)(b) | | 2,714 | | 80 | | 53 | | 2,847 | | (332) | | 18 | 2,533 |
| Add back noncontrolling interest component | | | | | | | | | | | | | 5 |
| Loss from discontinued operations, net of tax(c) | • | | | | | | | | | | | | (649) |
| Net income | | | | | | | | | | | | \$ | 1,889 |
| Capital investments expenditures and acquisitions ^(d) | \$ | 4,642 | \$ | 121 | \$ | 514 | \$ | 5,277 | \$ | 251 | \$ | _ \$ | 5,528 |
| Segment assets(e) | | 104,119 | | 2,512 | | 2,981 | | 109,612 | | 10,755 | | 190 | 120,557 |

- (a) Other includes a \$94 million pretax impairment charge related to Ohio Valley Electric Corporation (OVEC) and costs to achieve mergers.
- (b) Electric Utilities and Infrastructure includes pretax charges of \$102 million related to the criminal investigation of the Dan River coal ash spill. See Note 5 for additional information.
- (c) Includes an impairment of the Midwest Generation Disposal Group. Refer to Note 2 for further information.
- (d) Other includes \$67 million of capital investments expenditures and acquisitions of the International Disposal Group.
- (e) Other includes Assets Held for Sale balances related to the International Disposal Group and Midwest Generation Disposal Group. Refer to Note 2 for further information.

Geographical Information

For the years ended December 31, 2016, 2015 and 2014, all assets and revenues are within the U.S.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | - |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

Products and Services

The following table summarizes revenues of the reportable segments by type.

| | Retail | Wholesale | | Retail | | Total |
|---------------------------------------|--------------|-------------|----|-------------|-------------|--------------|
| (in millions) | Electric | Electric | ı | Natural Gas | Other | Revenues |
| 2016 | | | | | | |
| Electric Utilities and Infrastructure | \$ 18,338 | \$ 2,095 | \$ | _ | \$ 933 | \$ 21,366 |
| Gas Utilities and Infrastructure | _ | _ | | 871 | 30 | 901 |
| Commercial Renewables | _ | 303 | | _ | 181 | 484 |
| Total Reportable Segments | \$ 18,338 | \$ 2,398 | \$ | 871 | \$ 1,144 | \$ 22,751 |
| 2015 | | | | | | |
| Electric Utilities and Infrastructure | \$ 18,695 | \$ 2,014 | \$ | _ | \$ 812 | \$ 21,521 |
| Gas Utilities and Infrastructure | _ | _ | | 546 | (5) | 541 |
| Commercial Renewables | _ | 245 | | _ | 41 | 286 |
| Total Reportable Segments | \$ 18,695 | \$ 2,259 | \$ | 546 | \$ 848 | \$ 22,348 |
| 2014 | | | | | | |
| Electric Utilities and Infrastructure | \$ 19,007 | \$ 1,879 | \$ | _ | \$ 805 | \$ 21,691 |
| Gas Utilities and Infrastructure | _ | _ | | 571 | 7 | 578 |
| Commercial Renewables | _ | 236 | | _ | _ | 236 |
| Total Reportable Segments | \$ 19,007 | \$ 2,115 | \$ | 571 | \$ 812 | \$ 22,505 |

Duke Energy Ohio

Duke Energy Ohio has two reportable operating segments, Electric Utilities and Infrastructure and Gas Utilities and Infrastructure.

Electric Utilities and Infrastructure transmits and distributes electricity in portions of Ohio and generates, distributes and sells electricity in portions of Kentucky. Gas Utilities and Infrastructure transports and sells natural gas in portions of Ohio and northern Kentucky. It conducts operations primarily through Duke Energy Ohio and its wholly owned subsidiary, Duke Energy Kentucky.

Other is primarily comprised of governance costs allocated by its parent, Duke Energy, and revenues and expenses related to Duke Energy Ohio's contractual arrangement to buy power from OVEC's power plants. For additional information on related party transactions refer to Note 13. All of Duke Energy Ohio's revenues are generated domestically and its long-lived assets are all in the U.S.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|---|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued) | 1 | |

| | | | | | Year Ended De | cember 31, 2016 | 3 | | | |
|--|-------------------|--|---------------------------------------|--|--|--------------------------|----------|---------------------------------|--------------------|--------------------------------------|
| | | Electric | (| as | Total | | | | | |
| | Ut | tilities and | Utilities a | nd | Reportable | | | | | |
| (in millions) | Infr | astructure | Infrastruct | ire | Segments | Othe | r | Eliminations | To | ota |
| Total revenues | \$ | 1,410 | \$ | 03 | \$ 1,913 | \$ 31 | \$ | – | \$ 1,9 | 944 |
| Interest expense | \$ | 58 | \$ | 27 | \$ 85 | \$ 1 | \$ | · – | \$ | 80 |
| Depreciation and amortization | | 151 | | 80 | 231 | 2 | 2 | _ | 2 | 233 |
| Income tax expense (benefit) | | 55 | | 44 | 99 | (21 |) | _ | | 78 |
| Segment income (loss) | | 154 | | 77 | 231 | (39 |)) | _ | • | 192 |
| Income from discontinued operations, net of tax | | | | | | | | | | 36 |
| Net income | | | | | | | | | \$ 2 | 228 |
| Capital expenditures | \$ | 322 | \$ | 54 | \$ 476 | \$ - | - \$ | ; – | \$ 4 | 476 |
| Capital Experialtares | • | | | | | | | | | |
| Segment assets | | 4,782 | 2, | | 7,478 | 62 | | (12) | 7, | 528 |
| | | | | | Year Ended De | 62 cember 31, 2015 | | (12) | 7, | 528 |
| | | Electric | C | as | Year Ended De | | | (12) | 7, | 528 |
| Segment assets | Ut | Electric | O Utilities a | as nd | Year Ended De Total Reportable | cember 31, 2015 | 5 | | | |
| Segment assets | Ut | Electric | C | as nd | Year Ended De | | 5 | (12) | | 528 |
| Segment assets (in millions) | Ut | Electric | Utilities a | as nd | Year Ended De Total Reportable Segments | cember 31, 2015 Other | 5 | Eliminations | To | |
| Segment assets (in millions) Total revenues | Ut | Electric ilities and astructure | Utilities a Infrastruct | as nd re | Year Ended De Total Reportable Segments \$1,872 | Other \$ 33 | ; | Eliminations — | To | ota 905 |
| (in millions) Total revenues Interest expense | Ut Infra \$ | Electric illities and astructure | Utilities a Infrastruct | as nd re | Year Ended De Total Reportable Segments \$1,872 | Other \$ 33 | \$ | Eliminations — | T c \$ 1,5 | ota |
| (in millions) Total revenues Interest expense Depreciation and amortization | Ut Infra \$ | Electric illities and astructure | Utilities a Infrastruct | as nd re 41 (25) | Year Ended De Total Reportable Segments \$ 1,872 | Other \$ 33 | . \$ | Eliminations — | T c \$ 1,5 | ota 90\$ 79 221 |
| (in millions) Total revenues Interest expense Depreciation and amortization Income tax expense (benefit) | Ut Infra \$ | Electric silities and astructure 1,331 53 147 | Utilities a Infrastruct | as nd re 41 : 25 : | Year Ended De Total Reportable Segments \$ 1,872 \$ 78 226 | Other \$ 33 \$ 1 | \$ | Eliminations — | Tc \$ 1,9 \$ | ota 90: 7: 22' |
| (in millions) Total revenues Interest expense Depreciation and amortization Income tax expense (benefit) Segment income (loss) Income from discontinued | Ut Infra \$ | Electric illities and astructure 1,331 53 147 59 | Utilities a Infrastruct | as a | Year Ended De Total Reportable Segments \$ 1,872 \$ 78 226 104 | Other \$ 33 \$ 1 (23 | \$ | Eliminations — — — — — | Tc \$ 1,9 \$ | ota 90: 7: 22: 8 |
| (in millions) Total revenues Interest expense Depreciation and amortization Income tax expense (benefit) Segment income (loss) Income from discontinued operations, net of tax | Ut Infra \$ | Electric illities and astructure 1,331 53 147 59 | Utilities a Infrastruct | as a | Year Ended De Total Reportable Segments \$ 1,872 \$ 78 226 104 | Other \$ 33 \$ 1 (23 | \$ | Eliminations — — — — — — — (1) | \$ 1,5 \$ | ota 90: 7: 22: 8: 14: |
| | Ut Infra \$ | Electric illities and astructure 1,331 53 147 59 | Utilities a Infrastructi \$.\$ | as a | Year Ended De Total Reportable Segments \$ 1,872 \$ 78 226 104 191 | Other \$ 33 \$ 1 (23 (41 | \$ | Eliminations — — — — — (1) | To \$ 1,9 \$ | ota 905 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued | 1) | |

| | | | | | Υ | ear Ended De | cei | mber 31, 2014 | | | |
|--|-----|---------------|----|----------------|----|--------------|-----|---------------|--------------|---|-------|
| | | Electric | | Gas | | Total | | | | | |
| | ι | Jtilities and | | Utilities and | | Reportable | | | | | |
| (in millions) | Inf | rastructure | ı | Infrastructure | | Segments | | Other | Eliminations | | Total |
| Total revenues | \$ | 1,317 | \$ | 578 | \$ | 1,895 | \$ | 19 | \$ (1) \$ | 5 | 1,913 |
| Interest expense | \$ | 43 | \$ | 37 | \$ | 80 | \$ | 5 | \$ 1 \$ | 5 | 86 |
| Depreciation and amortization | | 138 | | 73 | | 211 | | 3 | _ | | 214 |
| Income tax expense (benefit) | | 71 | | 45 | | 116 | | (73) | _ | | 43 |
| Segment income (loss)(a) | | 122 | | 80 | | 202 | | (133) | (1) | | 68 |
| Loss from discontinued operation net of tax(b) | S, | | | | | | | | | | (563) |
| Net loss | | | | | | | | | \$ | 3 | (495) |
| Capital expenditures | \$ | 193 | \$ | 107 | \$ | 300 | \$ | 22 | \$ — \$ | 5 | 322 |
| Segment assets(c) | | 4,428 | | 2,487 | | 6,915 | | 3,321 | (243) | | 9,993 |

- (a) Other includes a \$94 million pretax impairment charge related to OVEC.
- (b) Includes an impairment of the Midwest Generation Disposal Group. Refer to Note 2 for further information.
- (c) Other includes Assets Held for Sale balances related to the Midwest Generation Disposal Group. Refer to Note 2 for further information.

DUKE ENERGY CAROLINAS, PROGRESS ENERGY, DUKE ENERGY PROGRESS, DUKE ENERGY FLORIDA AND DUKE ENERGY INDIANA

The remaining Subsidiary Registrants each have one reportable operating segment, Electric Utilities and Infrastructure, which generates, transmits, distributes and sells electricity. The remainder of each company's operations is classified as Other. While not considered a reportable segment for any of these companies, Other consists of certain unallocated corporate costs. Other for Progress Energy also includes interest expense on corporate debt instruments of \$221 million, \$240 million and \$241 million for the years ended December 31, 2016, 2015 and 2014. The following table summarizes the net loss for Other for each of these entities.

| | Years Ended December 31, | | | | | | | | | |
|-----------------------|------------------------------|---------|-------|--|--|--|--|--|--|--|
| (in millions) | 2016 | 2015 | 2014 | | | | | | | |
| Duke Energy Carolinas | \$ (104) \$ | (95) \$ | (79) | | | | | | | |
| Progress Energy | (200) | (159) | (190) | | | | | | | |
| Duke Energy Progress | (56) | (32) | (31) | | | | | | | |
| Duke Energy Florida | (23) | (16) | (19) | | | | | | | |
| Duke Energy Indiana | (13) | (10) | (11) | | | | | | | |

The assets of Duke Energy Carolinas, Progress Energy, Duke Energy Progress, Duke Energy Florida and Duke Energy Indiana are substantially all included within the Electric Utilities and Infrastructure segment at December 31, 2016, 2015 and 2014.

4. REGULATORY MATTERS

REGULATORY ASSETS AND LIABILITIES

The Duke Energy Registrants record regulatory assets and liabilities that result from the ratemaking process. See Note 1 for further information.

The following tables present the regulatory assets and liabilities recorded on the Consolidated Balance Sheets.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|------------------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| NOTES TO FINAN | ICIAL STATEMENTS (Continued) |) | |

| | December 31, 2016 | | | | | | | | | | | | |
|--|-------------------|--------|----|-----------|----------|----|----------|----|---------|----|--------|----|---------|
| | | | | Duke | | | Duke | | Duke | | Duke | | Duke |
| | | Duke | | Energy | Progress | | Energy | | Energy | | Energy | | Energy |
| (in millions) | | Energy | (| Carolinas | Energy | ı | Progress | | Florida | | Ohio | | Indiana |
| Regulatory Assets | | | | | | | | | | | | | |
| AROs – coal ash | \$ | 3,761 | \$ | 1,536 | \$ 1,830 | \$ | 1,822 | \$ | 8 | \$ | 12 | \$ | 276 |
| AROs – nuclear and other | | 684 | | 9 | 569 | | 275 | | 294 | | _ | | _ |
| Accrued pension and OPEB | | 2,387 | | 481 | 882 | | 423 | | 458 | | 135 | | 222 |
| Retired generation facilities | | 534 | | 39 | 422 | | 165 | | 257 | | _ | | 73 |
| Debt fair value adjustment | | 1,313 | | _ | _ | | _ | | _ | | _ | | _ |
| Net regulatory asset related to income taxes | | 894 | | 484 | 231 | | 7 | | 224 | | 63 | | 119 |
| Storm cost deferrals | | 153 | | _ | 148 | | 148 | | _ | | 5 | | _ |
| Nuclear asset securitized balance, net | | 1,193 | | _ | 1,193 | | _ | | 1,193 | | _ | | _ |
| Hedge costs and other deferrals | | 217 | | 93 | 91 | | 66 | | 25 | | 7 | | 26 |
| Derivatives – gas supply contracts | | 187 | | _ | _ | | _ | | _ | | _ | | _ |
| Demand side management (DSM)/Energy efficiency (EE) | | 407 | | 122 | 278 | | 263 | | 15 | | 6 | | _ |
| Grid Modernization | | 65 | | _ | _ | | _ | | _ | | 65 | | _ |
| Vacation accrual | | 196 | | 76 | 38 | | 38 | | _ | | 4 | | 10 |
| Deferred fuel and purchased power | | 156 | | _ | 111 | | 24 | | 87 | | 5 | | 40 |
| Nuclear deferral | | 226 | | 92 | 134 | | 38 | | 96 | | _ | | _ |
| Post-in-service carrying costs and deferred operating expenses | | 413 | | 70 | 42 | | 42 | | _ | | 20 | | 281 |
| Gasification services agreement buyout | | 8 | | _ | _ | | _ | | _ | | _ | | 8 |
| Transmission expansion obligation | | 71 | | _ | _ | | _ | | _ | | 71 | | _ |
| Manufactured gas plant (MGP) | | 99 | | _ | _ | | _ | | _ | | 99 | | _ |
| Advanced metering infrastructure | | 218 | | 172 | _ | | _ | | _ | | _ | | 46 |
| NCEMPA deferrals | | 51 | | _ | 51 | | 51 | | _ | | _ | | _ |
| East Bend deferrals | | 32 | | _ | _ | | _ | | _ | | 32 | | _ |
| Other | | 636 | | 223 | 103 | | 69 | | 36 | | 33 | | 121 |
| Total regulatory assets | | 13,901 | | 3,397 | 6,123 | | 3,431 | | 2,693 | | 557 | | 1,222 |
| Less: current portion | | 1,023 | | 238 | 401 | | 188 | | 213 | | 37 | | 149 |
| Total noncurrent regulatory assets | \$ | 12,878 | \$ | 3,159 | \$ 5,722 | \$ | 3,243 | \$ | 2,480 | \$ | 520 | \$ | 1,073 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|---|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| N | OTES TO FINANCIAL STATEMENTS (Continued | 1 | |

| | | | | | De | cer | nber 31, 2 | 016 | ; | | |
|---|-------------|----|---------|----|----------|-----|------------|-----|---------|-----------|-----------|
| | | | Duke | | | | Duke | | Duke | Duke | Duke |
| | Duke | | Energy | ı | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | Energy | Ca | rolinas | | Energy | ı | Progress | | Florida | Ohio | Indiana |
| Regulatory Liabilities | | | | | | | | | | | |
| Costs of removal | \$ 6,074 | \$ | 2,476 | \$ | 2,198 | \$ | 1,840 | \$ | 358 | \$ 212 | \$ 660 |
| Amounts to be refunded to customers | 45 | | _ | | _ | | _ | | _ | _ | 45 |
| Storm reserve | 83 | | 22 | | 60 | | _ | | 60 | 1 | _ |
| Accrued pension and OPEB | 174 | | 46 | | _ | | _ | | _ | 19 | 72 |
| Deferred fuel and purchased power | 192 | | 105 | | 81 | | 64 | | 17 | 6 | _ |
| Other | 722 | | 352 | _ | 245 | _ | 200 | | 44 | 19 | 11 |
| Total regulatory liabilities | 7,290 | | 3,001 | | 2,584 | | 2,104 | | 479 | 257 | 788 |
| Less: current portion | 409 | | 161 | | 189 | | 158 | | 31 | 21 | 40 |
| Total noncurrent regulatory liabilities | \$ 6,881 | \$ | 2,840 | \$ | 2,395 | \$ | 1,946 | \$ | 448 | \$ 236 | \$ 748 |

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|--|--------------|-------------|----|----------|----|------------|-----|---------|-----------|-----------|
| | | Duke | | | | Duke | | Duke | Duke | Duke |
| | Duke | Energy | ı | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | | Energy | | Progress | | Florida | Ohio | Indiana |
| Regulatory Assets | | | | | | | | | | |
| AROs – coal ash | \$ 2,555 | \$ 1,120 | \$ | 1,394 | \$ | 1,386 | \$ | 8 | \$ 4 | \$ 37 |
| AROs – nuclear and other | 838 | 104 | | 487 | | 195 | | 292 | _ | _ |
| Accrued pension and OPEB | 2,151 | 479 | | 807 | | 366 | | 441 | 139 | 220 |
| Retired generation facilities | 509 | 49 | | 409 | | 179 | | 230 | _ | 51 |
| Debt fair value adjustment | 1,191 | _ | | _ | | _ | | _ | _ | _ |
| Net regulatory asset related to income taxes | 1,075 | 564 | | 318 | | 106 | | 212 | 55 | 120 |
| Nuclear asset securitizable balance, net | 1,237 | _ | | 1,237 | | _ | | 1,237 | _ | _ |
| Hedge costs and other deferrals | 571 | 127 | | 410 | | 171 | | 239 | 7 | 27 |
| DSM/EE | 340 | 80 | | 250 | | 237 | | 13 | 10 | _ |
| Grid Modernization | 68 | _ | | _ | | _ | | _ | 68 | _ |
| Vacation accrual | 192 | 79 | | 38 | | 38 | | _ | 5 | 10 |
| Deferred fuel and purchased power | 151 | 21 | | 129 | | 93 | | 36 | 1 | _ |
| Nuclear deferral | 245 | 107 | | 138 | | 62 | | 76 | _ | _ |
| Post-in-service carrying costs and deferred operating expenses | 383 | 97 | | 38 | | 38 | | _ | 21 | 227 |
| Gasification services agreement buyout | 32 | _ | | _ | | _ | | _ | _ | 32 |
| Transmission expansion obligation | 72 | _ | | _ | | _ | | _ | 72 | _ |
| MGP | 104 | _ | | _ | | _ | | _ | 104 | _ |
| NCEMPA deferrals | 21 | _ | | 21 | | 21 | | _ | _ | _ |
| ast Bend deferrals | 16 | _ | | _ | | _ | | _ | 16 | _ |
| Other | 499 | 244 | | 121 | | 82 | | 39 | 31 | 94 |
| Total regulatory assets | 12,250 | 3,071 | | 5,797 | | 2,974 | | 2,823 | 533 | 818 |
| Less: current portion | 877 | 305 | | 362 | | 264 | | 98 | 36 | 102 |
| Total noncurrent regulatory assets | \$ 11,373 | \$ 2,766 | \$ | 5,435 | \$ | 2,710 | \$ | 2,725 | \$ 497 | \$ 716 |

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| | December 31, 2015 | | | | | | | | | | | |
|---|-----------------------|-----------|----------|----------|----|----------|----|---------|----|--------|----|---------|
| | | Duke |) | | | Duke | | Duke | | Duke | | Duke |
| | Duke | Energy | , | Progress | | Energy | | Energy | | Energy | | Energy |
| (in millions) | Energy | Carolinas | 3 | Energy | | Progress | | Florida | | Ohio | | Indiana |
| Regulatory Liabilities | | | | | | | | | | | | |
| Costs of removal | \$ 5,329 | \$ 2,413 | 3 \$ | 2,078 | \$ | 1,725 | \$ | 353 | \$ | 222 | \$ | 616 |
| Amounts to be refunded to customers | 71 | _ | - | _ | | _ | | _ | | _ | | 71 |
| Storm reserve | 150 | 24 | ŀ | 125 | | _ | | 125 | | 1 | | _ |
| Accrued pension and OPEB | 288 | 68 | 3 | 51 | | 25 | | 26 | | 21 | | 83 |
| Deferred fuel and purchased power | 311 | 55 | 5 | 255 | | 58 | | 197 | | 1 | | _ |
| Other | 506 | 281 | | 164 | | 155 | _ | 8 | _ | 12 | _ | 46 |
| Total regulatory liabilities | 6,655 | 2,841 | | 2,673 | | 1,963 | | 709 | | 257 | | 816 |
| Less: current portion | 400 | 39 |) | 286 | | 85 | | 200 | | 12 | | 62 |
| Total noncurrent regulatory liabilities | \$ 6,255 | \$ 2,802 | \$ | 2,387 | \$ | 1,878 | \$ | 509 | \$ | 245 | \$ | 754 |

Descriptions of regulatory assets and liabilities, summarized in the tables above, as well as their recovery and amortization periods follow. Items are excluded from rate base unless otherwise noted.

AROs – coal ash. Represents regulatory assets including deferred depreciation and accretion related to the legal obligation to close ash basins. The costs are deferred until recovery treatment has been determined. The recovery period for these costs has yet to be established. Duke Energy Carolinas, Duke Energy Progress and Duke Energy Ohio earn a debt return on their expenditures. See Notes 1 and 9 for additional information.

AROs – nuclear and other. Represents regulatory assets, including deferred depreciation and accretion, related to legal obligations associated with the future retirement of property, plant and equipment, excluding amounts related to coal ash. The AROs relate primarily to decommissioning nuclear power facilities. The amounts also include certain deferred gains on NDTF investments. The recovery period for costs related to nuclear facilities runs through the decommissioning period of each nuclear unit, the latest of which is currently estimated to be 2086. See Notes 1 and 9 for additional information.

Accrued pension and OPEB. Accrued pension and other post-retirement benefit obligations (OPEB) represent regulatory assets and liabilities related to each of the Duke Energy Registrants' respective shares of unrecognized actuarial gains and losses and unrecognized prior service cost and credit attributable to Duke Energy's pension plans and OPEB plans. The regulatory asset or liability is amortized with the recognition of actuarial gains and losses and prior service cost and credit to net periodic benefit costs for pension and OPEB plans. The accrued pension and OPEB regulatory asset is expected to be recovered primarily over average remaining service periods of active employees covered by the benefit plans, which is approximately 9 years. See Note 21 for additional detail.

Retired generation facilities. Duke Energy Carolinas earns a return on the outstanding retail balance with recovery periods ranging from one to six years. Duke Energy Progress earns a return on the outstanding balance with recovery over a period of 10 years beginning in 2013 for retail purposes and over the longer of 10 years or the previously estimated planned retirement date for wholesale purposes. Duke Energy Indiana earns a return on the outstanding balances and the costs are included in rate base. Duke Energy Indiana's recovery period will be determined in the next general rate case. Duke Energy Florida earns a full return on a portion of the regulatory asset related to the retired nuclear plant currently recovered in the nuclear cost recovery clause (NCRC), with the remaining portion earning a reduced return. Duke Energy Florida's recovery period varies.

Debt fair value adjustment. Purchase accounting adjustments recorded to state the carrying value of Progress Energy and Piedmont at fair value in connection with the 2012 and 2016 mergers, respectively. Amount is amortized over the life of the related debt.

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Net regulatory asset related to income taxes. Regulatory assets principally associated with the depreciation and recovery of AFUDC equity. Amounts have no impact on rate base as regulatory assets are offset by deferred tax liabilities. The recovery period is over the life of the associated assets. Amounts for all registrants include regulatory liabilities related to the gross up of federal ITCs. Amounts for Duke Energy, Duke Energy Carolinas, Progress Energy and Duke Energy Progress include regulatory liabilities related to the change in the North Carolina corporate tax rate discussed in Note 22.

Storm cost deferrals. Represents deferred incremental costs incurred related to extraordinary weather-related events, primarily damage resulting from Hurricane Matthew in the fourth quarter of 2016. The recovery period is unknown.

Nuclear asset securitizable balance, net. Represents the balance associated with Crystal River Unit 3 retirement approved for recovery by the FPSC on September 15, 2015, and the upfront financing costs securitized in 2016 with issuance of the associated bonds. The regulatory asset balance is net of the AFUDC equity portion. The recovery period is through 2036.

Hedge costs and other deferrals. Amounts relate to unrealized gains and losses on derivatives recorded as a regulatory asset or liability, respectively, until the contracts are settled. The recovery period varies for these costs and currently extends to 2048.

Derivatives – gas supply contracts held for utility operations. Represents costs for certain long-dated, fixed quantity forward gas supply contracts which are recoverable through Piedmont's PGA clauses.

DSM/EE. The recovery period varies for these costs, with some currently unknown. Duke Energy Carolinas, Duke Energy Progress and Duke Energy Florida are required to pay interest on the outstanding liability balance. Duke Energy Carolinas, Duke Energy Progress and Duke Energy Florida collect a return on DSM/EE investments.

Grid Modernization. Duke Energy Ohio amounts represent deferred depreciation and operating expenses as well as carrying costs on the portion of capital expenditures placed in service but not yet reflected in retail rates as plant in service. Recovery period is generally one year for depreciation and operating expenses. Recovery for post-in-service carrying costs is over the life of the assets. Duke Energy Ohio is earning a return on these costs.

Vacation accrual. Generally recovered within one year. Duke Energy Carolinas earns a return on the North Carolina balance.

Deferred fuel and purchased power. Represents certain energy-related costs that are recoverable or refundable as approved by the applicable regulatory body. Duke Energy Florida amount includes capacity costs. Duke Energy Florida earns a return on the retail portion of under-recovered costs. Duke Energy Ohio earns a return on under-recovered costs. Duke Energy Florida and Duke Energy Ohio pay interest on over-recovered costs. Duke Energy Carolinas and Duke Energy Progress amounts include certain purchased power costs in both North Carolina and South Carolina and costs of distributed energy resource programs in South Carolina. Duke Energy Carolinas and Duke Energy Progress pay interest on over-recovered costs in North Carolina. Recovery period is generally over one year. Duke Energy Indiana recovery period is quarterly.

Nuclear deferral. Includes (i) amounts related to levelizing nuclear plant outage costs at Duke Energy Carolinas and Duke Energy Progress in North Carolina and South Carolina, which allows for the recognition of nuclear outage expenses over the refueling cycle rather than when the outage occurs, resulting in the deferral of operations and maintenance costs associated with refueling and (ii) certain deferred preconstruction and carrying costs at Duke Energy Florida as approved by the FPSC, primarily associated with the Levy nuclear project (Levy), with a final true-up to be filed by May 2017.

Post-in-service carrying costs and deferred operating expenses. Represents deferred depreciation and operating expenses as well as carrying costs on the portion of capital expenditures placed in service but not yet reflected in retail rates as plant in service. Duke Energy Carolinas, Duke Energy Progress, Duke Energy Ohio and Duke Energy Indiana earn a return on the outstanding balance. For Duke Energy Ohio and Duke Energy Indiana, some amounts are included in rate base. Recovery is over various lives and the latest recovery period is 2083.

Gasification services agreement buyout. The IURC authorized Duke Energy Indiana to recover costs incurred to buyout a gasification services agreement, including carrying costs through 2017. Duke Energy Indiana earns a return on this balance.

Transmission expansion obligation. Represents transmission expansion obligations related to Duke Energy Ohio's withdrawal from Midcontinent Independent System Operator, Inc. (MISO).

MGP. Represents remediation costs incurred at former MGP sites and the deferral of costs to be incurred at the East End and West End sites through 2019. Costs incurred between 2008 and 2012 are recovered through an approved MGP rider. Recovery of costs incurred after 2012 has been requested but is pending approval from the PUCO. Duke Energy Ohio does not earn a return on these costs.

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Advanced metering infrastructure (AMI). Duke Energy Carolinas amount represents deferred costs related to the installation of AMI meters and remaining net book value of non-AMI meters to be replaced. Duke Energy Carolinas earns a return on a portion of the costs and the recovery period varies. Duke Energy Indiana amount represents expected future recovery of net book value of electromechanical meters that have been replaced with AMI meters. Duke Energy Indiana expects to recover this asset over a six-year period and the meters will remain in rate base until the next general rate case.

NCEMPA deferrals. Represents retail allocated cost deferrals and returns associated with the additional ownership interest in assets acquired from NCEMPA discussed in Note 2. The North Carolina retail allocated costs are generally being recovered over a period of time between three years and the remaining life of the assets purchased through a rider that became effective on December 1, 2015. The South Carolina retail allocated costs will be amortized over an average of 24 years beginning January 2017 are earning a return.

East Bend deferrals. Represents both deferred operating expenses and deferred depreciation as well as carrying costs on the portion of East Bend Generating Station (East Bend) that was acquired from Dayton Power and Light and that had been previously operated as a jointly owned facility. Recovery will not commence until resolution of the next electric rate case in Kentucky. Duke Energy Ohio is earning a return on these deferred costs.

Costs of removal. Represents funds received from customers to cover the future removal of property, plant and equipment from retired or abandoned sites as property is retired. Also includes certain deferred gains on NDTF investments.

Amounts to be refunded to customers. Represents required rate reductions to retail customers by the applicable regulatory body. The period of refund for Duke Energy Indiana is through 2018.

Storm reserve. Duke Energy Carolinas and Duke Energy Florida are allowed to petition the PSCSC and FPSC, respectively, to seek recovery of incremental or allowable costs incurred for named storms. Funds are used to offset future incurred costs.

RESTRICTIONS ON THE ABILITY OF CERTAIN SUBSIDIARIES TO MAKE DIVIDENDS. ADVANCES AND LOANS TO DUKE ENERGY

As a condition to the approval of merger transactions, the NCUC, PSCSC, PUCO, KPSC and IURC imposed conditions on the ability of Duke Energy Carolinas, Duke Energy Progress, Duke Energy Ohio, Duke Energy Kentucky, Duke Energy Indiana and Piedmont to transfer funds to Duke Energy through loans or advances, as well as restricted amounts available to pay dividends to Duke Energy. Certain subsidiaries may transfer funds to Duke Energy Corporation Holding Company (the parent) by obtaining approval of the respective state regulatory commissions. These conditions imposed restrictions on the ability of the public utility subsidiaries to pay cash dividends as discussed below.

Duke Energy Progress and Duke Energy Florida also have restrictions imposed by their first mortgage bond indentures and Articles of Incorporation which, in certain circumstances, limit their ability to make cash dividends or distributions on common stock. Amounts restricted as a result of these provisions were not material at December 31, 2016.

Additionally, certain other subsidiaries of Duke Energy have restrictions on their ability to dividend, loan or advance funds to Duke Energy due to specific legal or regulatory restrictions, including, but not limited to, minimum working capital and tangible net worth requirements.

The restrictions discussed below were less than 25 percent of Duke Energy's net assets at December 31, 2016.

Duke Energy Carolinas

Duke Energy Carolinas must limit cumulative distributions subsequent to mergers to (i) the amount of retained earnings on the day prior to the closing of the mergers, plus (ii) any future earnings recorded.

Duke Energy Progress

Duke Energy Progress must limit cumulative distributions subsequent to the mergers between Duke Energy and Progress Energy and Duke Energy and Piedmont to (i) the amount of retained earnings on the day prior to the closing of the respective mergers, plus (ii) any future earnings recorded.

Duke Energy Ohio

Duke Energy Ohio will not declare and pay dividends out of capital or unearned surplus without the prior authorization of the PUCO. Duke Energy Ohio received FERC and PUCO approval to pay dividends from its equity accounts that are reflective of the amount that it would have in its retained earnings account had push-down accounting for the Cinergy Corp. (Cinergy) merger not been applied to Duke Energy Ohio's balance sheet. The conditions include a commitment from Duke Energy Ohio that equity, adjusted to remove the impacts of push-down accounting, will not fall below 30 percent of total capital.

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Duke Energy Kentucky is required to pay dividends solely out of retained earnings and to maintain a minimum of 35 percent equity in its capital structure.

Duke Energy Indiana

Duke Energy Indiana must limit cumulative distributions subsequent to the merger between Duke Energy and Cinergy to (i) the amount of retained earnings on the day prior to the closing of the merger, plus (ii) any future earnings recorded. In addition, Duke Energy Indiana will not declare and pay dividends out of capital or unearned surplus without prior authorization of the IURC.

Piedmont

Piedmont must limit cumulative distributions subsequent to the acquisition of Piedmont by Duke Energy to (i) the amount of retained earnings on the day prior to the closing of the merger, plus (ii) any future earnings recorded.

RATE RELATED INFORMATION

The NCUC, PSCSC, FPSC, IURC, PUCO, TRA and KPSC approve rates for retail electric and natural gas services within their states. The FERC approves rates for electric sales to wholesale customers served under cost-based rates (excluding Ohio and Indiana), as well as sales of transmission service. The FERC also regulates certification and siting of new interstate natural gas pipeline projects.

Duke Energy Carolinas and Duke Energy Progress

Ash Basin Closure Costs Deferral

On July 13, 2016, in response to a joint petition of Duke Energy Carolinas and Duke Energy Progress, the PSCSC issued an accounting order for the deferment into a regulatory account of certain costs incurred in connection with federal and state environmental remediation requirements related to the permanent closure of ash basins and other ash storage units at coal-fired generating facilities that have provided or are providing generation to customers located in South Carolina. The decision allows for ash basin closure expenses to be partially offset with excess regulatory liability amounts from the deferral of nuclear decommissioning costs that are collected from South Carolina retail customers and for Duke Energy Progress to partially offset incurred ash basin closure costs with costs of removal amounts collected from customers. The PSCSC's ruling does not change retail rates or the tariff amounts and does not limit the ability of interested parties to challenge the reasonableness of expenditures in subsequent proceedings. In connection with Duke Energy Progress' base rate case filed in July 2016, in December 2016, the PSCSC approved recovery of coal ash costs incurred from January 1, 2015, through June 30, 2016, over a 15-year period and ongoing deferral of future ash basin closure costs incurred from July 1, 2016, until its next base rate case in South Carolina.

On December 30, 2016, Duke Energy Carolinas and Duke Energy Progress filed a joint petition with the NCUC seeking an accounting order authorizing deferral of certain costs incurred in connection with federal and state environmental remediation requirements related to the permanent closure of ash basins and other ash storage units at coal-fired generating facilities that have provided or are providing generation to customers located in North Carolina. Initial comments are due by March 1, 2017, and reply comments are due by March 29, 2017. Duke Energy Carolinas and Duke Energy Progress cannot predict the outcome of this matter.

FERC Transmission Return on Equity Complaints

On January 7, 2016, a group of transmission service customers filed a complaint with FERC that the rate of return on equity of 10.2 percent in Duke Energy Carolinas' transmission formula rates is excessive and should be reduced to no higher than 8.49 percent, effective upon the complaint date. On the same date, a similar complaint was filed with FERC claiming that the rate of return on equity of 10.8 percent in Duke Energy Progress' transmission formula rates is excessive and should be reduced to no higher than 8.49 percent, effective upon the complaint date. On April 21, 2016, FERC issued an order which consolidated the cases, set a refund effective date of January 7, 2016, and set the consolidated case for settlement and hearing. On June 14, 2016, Duke Energy Carolinas and Duke Energy Progress reached a settlement agreement in principle to reduce the return on equity for both companies to 10 percent. On November 21, 2016, the FERC approved the settlement agreement resolving the complaints. The Impact on results of operations, cash flows and the financial position of Duke Energy Carolinas and Duke Energy Progress will not be material.

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Duke Energy Carolinas

Advanced Metering Infrastructure Deferral

On July 12, 2016, the PSCSC issued an accounting order for Duke Energy Carolinas to defer the financial effects of depreciation expense incurred for the installation of AMI meters, the carrying costs on the investment at its weighted average cost of capital (WACC) and the carrying costs on the deferred costs at its WACC not to exceed \$45 million. The decision also allows Duke Energy Carolinas to continue to depreciate the non-AMI meters to be replaced. Current retail rates will not change as a result of the decision and the ability of interested parties to challenge the reasonableness of expenditures in subsequent proceedings is not limited.

William States Lee Combined Cycle Facility

On April 9, 2014, the PSCSC granted Duke Energy Carolinas and North Carolina Electric Membership Corporation (NCEMC) a Certificate of Environmental Compatibility and Public Convenience and Necessity (CECPCN) for the construction and operation of a 750 MW combined-cycle natural gas-fired generating plant at Duke Energy Carolinas' existing William States Lee Generating Station in Anderson, South Carolina. Duke Energy Carolinas began construction in July 2015 and estimates a cost to build of \$600 million for its share of the facility, including AFUDC. The project is expected to be commercially available in late 2017. NCEMC will own approximately 13 percent of the project. On July 3, 2014, the South Carolina Coastal Conservation League (SCCL) and Southern Alliance for Clean Energy (SACE) jointly filed a Notice of Appeal with the Court of Appeals of South Carolina (S.C. Court of Appeals) seeking the court's review of the PSCSC's decision, claiming the PSCSC did not properly consider a request related to a proposed solar facility prior to granting approval of the CECPCN. The S.C. Court of Appeals affirmed the PSCSC's decision on February 10, 2016, and on March 24, 2016, denied a request for rehearing filed by SCCL and SACE. On April 21, 2016, SCCL and SACE petitioned the South Carolina Supreme Court for review of the S.C. Court of Appeals decision. Duke Energy Carolinas filed its response on June 13, 2016, and SCCL and SACE filed a reply on June 23, 2016. On September 6, 2016, the Small Business Chamber of Commerce filed a motion for permission to file a brief supporting the environmental intervenors' position. On September 22, 2016, the South Carolina Supreme Court granted permission for the brief and allowed Duke Energy Carolinas an opportunity to file a response, which was filed on October 3, 2016. Duke Energy Carolinas cannot predict the outcome of this matter.

William States Lee III Nuclear Station

In December 2007, Duke Energy Carolinas applied to the NRC for combined operating licenses (COLs) for two Westinghouse AP1000 reactors for the proposed William States Lee III Nuclear Station to be located at a site in Cherokee County, South Carolina. The NCUC and PSCSC have concurred with the prudency of Duke Energy Carolinas incurring certain project development and preconstruction costs through several separately issued orders, although full cost recovery is not guaranteed. In December 2016, the NRC issued a COL for each reactor. As of December 31, 2016, Duke Energy Carolinas has incurred approximately \$520 million of costs, including AFUDC, related to the project. These project costs are included in Net property, plant and equipment on Duke Energy Carolinas' Consolidated Balance Sheets. Duke Energy Carolinas is not required to build the nuclear reactors as result of the COLs being issued.

Duke Energy Progress

Storm Cost Deferral Filings

On December 16, 2016, Duke Energy Progress filed a petition with the NCUC requesting an accounting order to defer certain costs incurred in connection with response to Hurricane Matthew and other significant storms in 2016. Current estimated incremental operation and maintenance and capital costs total approximately \$140 million. Additional costs could be incurred in 2017 related to storms in the fourth quarter of 2016. Duke Energy Progress proposes to true-up the total costs quarterly through August 2017. Duke Energy Progress cannot predict the outcome of this matter.

On December 16, 2016, Duke Energy Progress filed a petition with the PSCSC requesting an accounting order to defer certain costs incurred related to repairs and restoration of service following Hurricane Matthew. Estimated total restoration costs are approximately \$60 million. Actual total costs would be trued-up quarterly through 2017. In January 2017, the PSCSC approved the deferral request and issued an accounting order.

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South Carolina Rate Case

On July 1, 2016, Duke Energy Progress filed an application with the PSCSC requesting an average 14.5 percent increase in retail revenues. The requested rate change would increase annual revenues by approximately \$79 million, with a rate of return on equity of 10.75 percent. The increase is designed to recover the cost of investment in new generation infrastructure, environmental expenditures including allocated historical ash basin closure costs and increased nuclear operating costs. Duke Energy Progress has requested new rates to be effective January 1, 2017. On October 19, 2016, Duke Energy Progress, the ORS and intervenors entered into a settlement agreement that was filed with the PSCSC on the same day. Terms of the settlement agreement include an approximate \$56 million increase in revenues over a two-year period. An increase of approximately \$38 million in revenues was effective January 1, 2017, and an additional increase of approximately \$18.5 million in revenues will be effective January 1, 2018. Duke Energy Progress will amortize approximately \$18.5 million from the cost of removal reserve in 2017. Other settlement terms include a rate of return on equity of 10.1 percent, recovery of coal ash costs incurred from January 1, 2015, through June 30, 2016, over a 15-year period and ongoing deferral of allocated ash basin closure costs from July 1, 2016, until the next base rate case. The settlement also provides that Duke Energy Progress will not seek an increase in rates in South Carolina to occur prior to 2019, with limited exceptions. In December 2016, the PSCSC approved the settlement and issued an approval order.

Western Carolinas Modernization Plan

On November 4, 2015, in response to community feedback, Duke Energy Progress announced a revised Western Carolinas Modernization Plan with an estimated cost of \$1.1 billion. The revised plan includes retirement of the existing Asheville coal-fired plant, the construction of two 280 MW combined-cycle natural gas plants having dual fuel capability, with the option to build a third natural gas simple cycle unit in 2023 based upon the outcome of initiatives to reduce the region's power demand. The revised plan includes upgrades to existing transmission lines and substations, but eliminates the need for a new transmission line and a new substation associated with the project in South Carolina. The revised plan has the same overall project cost as the original plan and the plans to install solar generation remain unchanged. Duke Energy Progress has also proposed to add a pilot battery storage project. These investments will be made within the next seven years. Duke Energy Progress is also working with the local natural gas distribution company to upgrade an existing natural gas pipeline to serve the natural gas plant. The plan requires various approvals including regulatory approvals in North Carolina.

Duke Energy Progress filed for a Certificate of Public Convenience and Necessity (CPCN) with the NCUC for the new natural gas units on January 15, 2016. On March 28, 2016, the NCUC issued an order approving the CPCN for the new combined-cycle natural gas plants, but denying the CPCN for the contingent simple cycle unit without prejudice to Duke Energy Progress to refile for approval in the future. Site preparation activities are underway and construction of these plants is scheduled to begin in early 2017. The plants are expected to be in service by late 2019. Duke Energy Progress plans to file for future approvals related to the proposed solar generation and pilot battery storage project.

On May 27, 2016, N.C. Waste Awareness and Reduction Network (NC WARN) and The Climate Times filed a notice of appeal from the CPCN order to the N.C. Court of Appeals. On May 31, 2016, Duke Energy Progress filed a motion to dismiss the notice of appeal with the NCUC due to NC WARN's and The Climate Times' failure to post a required appeal bond. After a series of filings, an NCUC order, petitions to the N.C. Court of Appeals and an evidentiary hearing, on July 8, 2016, the NCUC issued an order setting NC WARN's and The Climate Times' appeal bond at \$98 million. On July 28, 2016, NC WARN and The Climate Times filed a notice of appeal and exceptions from the NCUC's July 8, 2016, appeal bond order. On August 2, 2016, the NCUC granted Duke Energy Progress' motion to dismiss NC WARN's and The Climate Times' notice of appeal from the CPCN order due to failure to post the requisite bond. On August 18, 2016, NC WARN and The Climate Times filed a petition with the N.C. Court of Appeals seeking appellate review of the NCUC's CPCN order, the July 8, 2016, appeal bond order and the August 2, 2016, order dismissing their notice of appeal, which the N.C. Court of Appeals denied on September 6, 2016. On September 19, 2016, the NCUC granted Duke Energy Progress' motion to dismiss NC WARN's and The Climate Times' subsequent appeal of the CPCN order and dismissal order dated August 18, 2016. On October 17, 2016, NC WARN and The Climate Times' subsequent appeal of the CPCN order and dismissal order dated August 18, 2016. On October 17, 2016, NC WARN and The Climate Times filed another petition for review with the N.C. Court of Appeals asking the court to reverse the CPCN order, the second bond order and the dismissal of their first and second notices of appeal as to the CPCN order. On November 3, 2016, the N.C. Court of Appeals denied NC WARN's and The Climate Times' petition for review. All appeals have been concluded.

The carrying value of the 376 MW Asheville coal-fired plant, including associated ash basin closure costs, of \$492 million and \$548 million are included in Generation facilities to be retired, net on Duke Energy Progress' Consolidated Balance Sheets as of December 31, 2016 and 2015, respectively.

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Shearon Harris Nuclear Plant Expansion

In 2006, Duke Energy Progress selected a site at Harris to evaluate for possible future nuclear expansion. On February 19, 2008, Duke Energy Progress filed its COL application with the NRC for two Westinghouse AP1000 reactors at Harris, which the NRC docketed for review. On May 2, 2013, Duke Energy Progress filed a letter with the NRC requesting the NRC to suspend its review activities associated with the COL at the Harris site. The NCUC and PSCSC have approved deferral for \$48 million of retail costs which are recorded in Regulatory assets on Duke Energy Progress' Consolidated Balance Sheets. On November 17, 2016, the FERC approved Duke Energy Progress' rate recovery request filing for the wholesale ratepayers' share of the abandonment costs, including a debt only return to be recovered through revised formula rates and amortized over a 15-year period beginning May 1, 2014.

Duke Energy Florida

Hines Chiller Uprate Project

On May 20, 2016, Duke Energy Florida filed a petition seeking approval to include in base rates the revenue requirement for a Chiller Uprate Project (Uprate Project) at the Hines Energy Complex (Hines). Duke Energy Florida proposed to complete the Uprate Project in two phases: Phase one to include work on Hines units 1-3 and common equipment, to be placed in service during October 2016; and Phase two work on Hines Unit 4 to be placed in service during January 2017. The final combined construction cost estimate for both phases of approximately \$150 million is below the cost estimate provided during the need determination proceeding. Duke Energy Florida estimated an annual retail revenue requirement for Phase one and Phase two of approximately \$17 million and \$3 million, respectively. On August 29, 2016, the FPSC approved the Phase one revenue requirement to be effective in customer rates in November 2016. However, Duke Energy Florida made filings with the FPSC in October 2016 to remove the Uprate Project from customer rates because a portion of the common equipment required for either phase to be considered in service was not completed as expected. Duke Energy Florida filed for recovery of the costs associated with the Uprate Project in February 2017. Duke Energy Florida cannot predict the outcome of this matter.

Citrus County Combined Cycle Facility

On October 2, 2014, the FPSC granted Duke Energy Florida a Determination of Need for the construction of a 1,640 MW combined-cycle natural gas plant in Citrus County, Florida. On May 5, 2015, the Florida Department of Environmental Protection approved Duke Energy Florida's Site Certification Application. The project has received all required permits and approvals and construction began in October 2015. The facility is expected to be commercially available in 2018 at an estimated cost of \$1.5 billion, including AFUDC.

Purchase of Osprey Energy Center

In December 2014, Duke Energy Florida and Osprey Energy Center, LLC, a wholly owned subsidiary of Calpine Corporation (Calpine), entered into an Asset Purchase and Sale Agreement for the purchase of a 599 MW combined-cycle natural gas plant in Auburndale, Florida (Osprey Plant acquisition) for approximately \$166 million. On August 2, 2016, Duke Energy Florida filed a petition seeking approval to include in base rates the revenue requirements for the Osprey Plant acquisition to be included in customer bills beginning in February 2017. Duke Energy Florida estimated the retail revenue requirements for the Osprey acquisition to be approximately \$48 million. On November 1, 2016, the FPSC approved the petition to include the revenue requirements in base rates. Closing of the acquisition occurred on January 3, 2017.

Duke Energy Florida received a Civil Investigative Demand from the Department of Justice (DOJ) related to alleged violation of the waiting period for the Hart-Scott-Rodino Antitrust Improvements Act of 1976. The DOJ alleged Duke Energy Florida assumed operational control of the Osprey Plant before the waiting period expiration on February 27, 2015. On January 17, 2017, Duke Energy Florida entered into a stipulation agreement to settle with the DOJ for \$600,000 without admission of liability. On January 18, 2017, the DOJ filed a complaint and the stipulation in the U.S. District Court for the District of Columbia. The stipulation is subject to court approval. Duke Energy recorded a reserve in the fourth quarter of 2016.

FPSC Settlement Agreements

On February 22, 2012, the FPSC approved a settlement agreement (the 2012 Settlement) among Duke Energy Florida, the Florida OPC and other customer advocates. The 2012 Settlement was to continue through the last billing cycle of December 2016. On October 17, 2013, the FPSC approved a settlement agreement (the 2013 Settlement) between Duke Energy Florida, Florida OPC and other customer advocates. The 2013 Settlement replaces and supplants the 2012 Settlement and substantially resolves issues related to (i) Crystal River Unit 3, (ii) Levy, (iii) Crystal River 1 and 2 coal units and (iv) future generation needs in Florida. Refer to the remaining sections below for further discussion of these settlement agreements.

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Crystal River Unit 3

In December 2014, the FPSC approved Duke Energy Florida's decision to construct an independent spent fuel storage installation (ISFSI) for the retired Crystal River Unit 3 nuclear plant and approved Duke Energy Florida's request to defer amortization of the ISFSI pending resolution of litigation against the federal government as a result of the Department of Energy's breach of its obligation to accept spent nuclear fuel. The return rate is based on the currently approved AFUDC rate with a return on equity of 7.35 percent, or 70 percent of the currently approved 10.5 percent. The return rate is subject to change if the return on equity changes in the future. In September 2016, the FPSC approved an amendment to the 2013 Settlement authorizing recovery of the ISFSI through the Capacity Cost Recovery Clause. Through December 31, 2016, Duke Energy Florida has deferred approximately \$93 million for recovery associated with building the ISFSI.

The regulatory asset associated with the original Crystal River Unit 3 power uprate project will continue to be recovered through the NCRC over an estimated seven years period that began in 2013 with a remaining uncollected balance of \$128 million at December 31, 2016.

Crystal River Unit 3 Regulatory Asset

On May 22, 2015, Duke Energy Florida petitioned the FPSC for approval to include in base rates the revenue requirement for the projected \$1.298 billion Crystal River Unit 3 regulatory asset as authorized by the 2013 Revised and Restated Stipulation and Settlement Agreement (2013 Agreement). On September 15, 2015, the FPSC approved Duke Energy Florida's motion for approval of a settlement agreement with intervenors to reduce the value of the projected Crystal River Unit 3 regulatory asset to be recovered to \$1.283 billion as of December 31, 2015. An impairment charge of \$15 million was recognized in the third guarter of 2015 to adjust the regulatory asset balance.

In June 2015, the governor of Florida signed legislation to allow utilities to issue nuclear asset-recovery bonds to finance the recovery of certain retired nuclear generation assets, with approval of the FPSC. In November 2015, the FPSC issued a financing order approving Duke Energy Florida's request to issue nuclear asset-recovery bonds to finance its unrecovered regulatory asset related to Crystal River Unit 3 through a wholly owned special purpose entity. Nuclear asset-recovery bonds replace the base rate recovery methodology authorized by the 2013 Agreement and result in a lower rate impact to customers with a recovery period of approximately 20 years.

Pursuant to provisions in Florida Statutes and the FPSC financing order, in 2016, Duke Energy Florida formed Duke Energy Florida Project Finance, LLC (DEFPF), a wholly owned, bankruptcy remote special purpose subsidiary for the purpose of issuing nuclear asset-recovery bonds. In June 2016, DEFPF issued \$1,294 million aggregate principal amount of senior secured bonds (nuclear asset-recovery bonds) to finance the recovery of Duke Energy Florida's Crystal River 3 regulatory asset.

In connection with this financing, net proceeds to DEFPF of approximately \$1,287 million, after underwriting costs, were used to acquire nuclear asset-recovery property from Duke Energy Florida and to pay transaction related expenses. The nuclear asset-recovery property includes the right to impose, bill, collect and adjust a non-bypassable nuclear asset-recovery charge, to be collected on a per kilowatt-hour basis, from all Duke Energy Florida retail customers until the bonds are paid in full. Duke Energy Florida began collecting the nuclear asset-recovery charge on behalf of DEFPF in customer rates in July 2016.

See Notes 6 and 17 for additional information.

Customer Rate Matters

Pursuant to the 2013 Settlement, Duke Energy Florida will maintain base rates at the current level through the last billing period of 2018, subject to the return on equity range of 9.5 percent to 11.5 percent, with exceptions for base rate increases for new generation through 2018, per the provisions of the 2013 Settlement. Duke Energy Florida is not required to file a depreciation study, fossil dismantlement study or nuclear decommissioning study until the earlier of the next rate case filing or March 31, 2019. The 2013 Settlement also provided for a \$150 million increase in base revenue effective with the first billing cycle of January 2013. If Duke Energy Florida's retail base rate earnings fall below the return on equity range, as reported on a FPSC-adjusted or pro forma basis on a monthly earnings surveillance report, it may petition the FPSC to amend its base rates during the term of the 2013 Settlement.

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Levy Nuclear Project

On July 28, 2008, Duke Energy Florida applied to the NRC for a COL for two Westinghouse AP1000 reactors at Levy. In 2008, the FPSC granted Duke Energy Florida's petition for an affirmative Determination of Need and related orders requesting cost recovery under Florida's nuclear cost-recovery rule, together with the associated facilities, including transmission lines and substation facilities. In October 2016, the NRC issued COLs for the proposed Levy Nuclear Plant Units 1 and 2.

On January 28, 2014, Duke Energy Florida terminated the Levy engineering, procurement and construction agreement (EPC). Duke Energy Florida may be required to pay for work performed under the EPC and to bring existing work to an orderly conclusion, including but not limited to costs to demobilize and cancel certain equipment and material orders placed. Duke Energy Florida recorded an exit obligation in 2014 for the termination of the EPC. This liability was recorded within Other in Deferred Credits and Other Liabilities with an offset primarily to Regulatory assets on the Consolidated Balance Sheets. Duke Energy Florida is allowed to recover reasonable and prudent EPC cancellation costs from its retail customers.

The 2012 Settlement provided that Duke Energy Florida include the allocated wholesale cost of Levy as a retail regulatory asset and include this asset as a component of rate base and amortization expense for regulatory reporting. In accordance with the 2013 Settlement, Duke Energy Florida ceased amortization of the wholesale allocation of Levy investments against retail rates.

On October 27, 2014, the FPSC approved Duke Energy Florida rates for 2015 for Levy as filed and consistent with those established in the 2013 Revised and Restated Settlement Agreement. Recovery of the remaining retail portion of the project costs may occur over 5 years from 2013 through 2017. Duke Energy Florida has an ongoing responsibility to demonstrate prudency related to the wind down of the Levy investment and the potential for salvage of Levy assets. As of December 31, 2016, Duke Energy Florida has a net uncollected investment in Levy of approximately \$219 million, including AFUDC. Of this amount, \$119 million related to land and the COL is included in Net, property, plant and equipment and will be recovered through base rates and \$100 million is included in Regulatory assets within Regulatory Assets and Deferred Debits on the Consolidated Balance Sheets and will be recovered through the NCRC.

On April 16, 2015, the FPSC approved Duke Energy Florida's petition to cease collection of the Levy Nuclear Project fixed charge beginning with the first billing cycle in May 2015. On August 18, 2015, the FPSC approved leaving the Levy Nuclear Project portion of the NCRC charge at zero dollars for 2016 and 2017, consistent with the 2013 Settlement. Duke Energy Florida will submit by May 2017 a true-up of Levy Nuclear Project costs or credits to be recovered no earlier than January 2018. To the extent costs become known after May 2017, Duke Energy Florida will petition for recovery at that time.

Crystal River 1 and 2 Coal Units

Duke Energy Florida has evaluated Crystal River 1 and 2 coal units for retirement in order to comply with certain environmental regulations. Based on this evaluation, those units will likely be retired by 2018. Once those units are retired Duke Energy Florida will continue recovery of existing annual depreciation expense through the end of 2020. Beginning in 2021, Duke Energy Florida will be allowed to recover any remaining net book value of the assets from retail customers through the Capacity Cost Recovery Clause. In April 2014, the FPSC approved Duke Energy Florida's petition to allow for the recovery of prudently incurred costs to comply with the Mercury and Air Toxics Standard through the Environmental Cost Recovery Clause.

Duke Energy Ohio

East Bend Coal Ash Basin Filing

On December 2, 2016, Duke Energy Kentucky filed with the KPSC a request for a CPCN for construction projects necessary to close and repurpose an ash basin at the East Bend necessitated by current and proposed EPA regulations. Duke Energy Kentucky is targeting a completion date in fourth quarter 2018 for these projects and estimates a total cost of approximately \$93 million. Duke Energy Kentucky has requested an order to be issued by April 30, 2017.

Base Rate Case

In connection with Duke Energy Ohio's deployment of SmartGrid network, consisting of investments in AMI and distribution automation, a rider was established to recover these investments and return expected savings to customers. A stipulation updating this rider was approved by the PUCO in 2012, whereby Duke Energy Ohio committed to filing a base electric distribution case within one year of full deployment of SmartGrid. On October 22, 2015, PUCO staff concluded that full deployment had occurred thereby, absent relief by the PUCO, Duke Energy Ohio would be required to file a base electric rate case. Pursuant to an order (PUCO order) authorizing a modification in the filing date, Duke Energy Ohio notified the PUCO of its intent to file an electric distribution rate case in Ohio. The base rate case application and supporting testimony will be filed March 2, 2017, and March 16, 2017, respectively. Duke Energy Ohio cannot predict the outcome of this matter.

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Natural Gas Pipeline Extension

Duke Energy Ohio is proposing to install a new natural gas pipeline in its Ohio service territory to increase system reliability and enable the retirement of older infrastructure. The proposed project involves the installation of a natural gas line and is estimated to cost between \$86 million and \$110 million, excluding AFUDC. On September 13, 2016, Duke Energy Ohio filed with the Ohio Power Siting Board for approval of one of two proposed routes. If approved, construction of the pipeline extension is expected to be completed by 2019.

Advanced Metering Infrastructure

On April 25, 2016, Duke Energy Kentucky filed with the KPSC an application for approval of a CPCN for the construction of AMI. Duke Energy Kentucky anticipates that the estimated \$49 million project, if approved, will take about two years to complete. Duke Energy Kentucky also requested approval to establish a regulatory asset of approximately \$10 million for the remaining book value of existing meter equipment and inventory that will be replaced. On July 20, 2016, the Kentucky Attorney General, the only intervenor in the proceeding, moved to dismiss the application. Duke Energy Kentucky filed its opposition to the Kentucky Attorney General's motion to dismiss on July 27, 2016. On September 28, 2016, the KPSC denied the Kentucky Attorney General's motion to dismiss and granted Duke Energy Kentucky's motion to file rebuttal testimony. Duke Energy Kentucky and the Kentucky Attorney General entered into a stipulation resolving the matters raised in the application. An evidentiary hearing was held on December 8, 2016. Duke Energy Kentucky cannot predict the outcome of this matter.

Accelerated Natural Gas Service Line Replacement Rider

On January 20, 2015, Duke Energy Ohio filed an application for approval of an accelerated natural gas service line replacement program (ASRP). Under the ASRP, Duke Energy Ohio proposed to replace certain natural gas service lines on an accelerated basis over a 10-year period. Duke Energy Ohio also proposed to complete preliminary survey and investigation work related to natural gas service lines that are customer owned and for which it does not have valid records and, further, to relocate interior natural gas meters to suitable exterior locations where such relocation can be accomplished. Duke Energy Ohio's current projected total capital and operations and maintenance expenditures under the ASRP are approximately \$240 million. The filing also sought approval of Rider ASRP to recover related expenditures. Duke Energy Ohio proposed to update Rider ASRP on an annual basis. Intervenors opposed the ASRP, primarily because they believe the program is neither required nor necessary under federal pipeline regulation. On October 26, 2016, the PUCO issued an order denying the proposed ASRP. The PUCO did, however, encourage Duke Energy Ohio to work with the PUCO Staff and intervenors to identify a reasonable solution for the risks attributed to service line leaks caused by corrosion. Duke Energy Ohio filed an application for rehearing of the PUCO decision. In December 2016, the PUCO granted the request for the purpose of further review. Duke Energy Ohio cannot predict the outcome of this matter.

Energy Efficiency Cost Recovery

On March 28, 2014, Duke Energy Ohio filed an application for recovery of program costs, lost distribution revenue and performance incentives related to its energy efficiency and peak demand reduction programs. These programs are undertaken to comply with environmental mandates set forth in Ohio law. After a comment period, the PUCO approved Duke Energy Ohio's application, but found that Duke Energy Ohio was not permitted to use banked energy savings from previous years in order to calculate the amount of allowed incentive. This conclusion represented a change to the cost recovery mechanism that had been agreed to by intervenors and approved by the PUCO in previous cases. The PUCO granted the applications for rehearing filed by Duke Energy Ohio and an intervenor on July 8, 2015. On January 6, 2016, Duke Energy Ohio and PUCO Staff entered into a stipulation pending PUCO approval, resolving the issues related to, among other things, performance incentives and the PUCO Staff audit of 2013 costs. Based on the stipulation, in December 2015, Duke Energy Ohio re-established approximately \$20 million of the revenues that had been reversed in the second quarter. On October 26, 2016, the PUCO issued an order approving the stipulation without modification. Intervenors requested rehearing of the PUCO decision and, in December 2016, the PUCO granted rehearing for the purpose of further review. Duke Energy Ohio cannot predict the outcome of this matter.

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2014 Electric Security Plan

In April 2015, the PUCO modified and approved Duke Energy Ohio's proposed electric security plan (ESP), with a three-year term and an effective date of June 1, 2015. The PUCO approved a competitive procurement process for SSO load, a distribution capital investment rider and a tracking mechanism for incremental distribution expenses caused by major storms. The PUCO also approved a placeholder tariff for a price stabilization rider, but denied Duke Energy Ohio's specific request to include Duke Energy Ohio's entitlement to generation from OVEC in the rider at this time; however, the order allows Duke Energy Ohio to submit additional information to request recovery in the future. On May 4, 2015, Duke Energy Ohio filed an application for rehearing requesting the PUCO to modify or amend certain aspects of the order. On May 28, 2015, the PUCO granted all applications for rehearing filed in the case for future consideration. Duke Energy Ohio cannot predict the outcome of the appeals in this matter.

During May and November 2016, Duke Energy Ohio completed two competitive bidding processes with results approved by the PUCO to procure a portion of the supply for its SSO load for the term of the ESP. In 2016, Duke Energy Ohio also issued requests for proposal (RFP) to serve a portion of the load attributed to its customers on the state's percentage of income payment plan. This RFP was issued consistent with state law enacted in 2016.

2012 Natural Gas Rate Case/Manufactured Gas Plant Cost Recovery

On November 13, 2013, the PUCO issued an order approving a settlement of Duke Energy Ohio's natural gas base rate case and authorizing the recovery of costs incurred between 2008 and 2012 for environmental investigation and remediation of two former MGP sites. The PUCO order also authorized Duke Energy Ohio to continue deferring MGP environmental investigation and remediation costs incurred subsequent to 2012 and to submit annual filings to adjust the MGP rider for future costs. Intervening parties appealed this decision to the Ohio Supreme Court and that appeal remains pending. Oral argument is scheduled for February 28, 2017. Incurred and projected investigation and remediation expenses at these MGP sites that have not been collected through the MGP rider are approximately \$99 million and are recorded as Regulatory assets on Duke Energy Ohio's Consolidated Balance Sheet as of December 31, 2016. Duke Energy Ohio cannot predict the outcome of this matter.

The PUCO order also contained deadlines for completing the MGP environmental investigation and remediation costs at the MGP sites. For the property known as the East End site, the PUCO order established a deadline of December 31, 2016. The PUCO order authorized Duke Energy Ohio to seek to extend these deadlines due to certain circumstances. On May 16, 2016, Duke Energy Ohio filed an application to extend the deadline for cost recovery applicable to the East End site. In December 2016, the PUCO approved the request, extending the deadline to complete the remediation work until December 31, 2019. In January 2017, intervening parties filed for rehearing of the PUCO's decision. On February 8, 2017, the PUCO denied the rehearing request. As of December 31, 2016, \$46 million of the regulatory asset represents future remediation cost expected to be incurred at the East End site. Duke Energy Ohio cannot predict the outcome of this matter.

Regional Transmission Organization Realignment

Duke Energy Ohio, including Duke Energy Kentucky, transferred control of its transmission assets from MISO to PJM Interconnection, LLC (PJM), effective December 31, 2011. The PUCO approved a settlement related to Duke Energy Ohio's recovery of certain costs of the Regional Transmission Organization (RTO) realignment via a non-bypassable rider. Duke Energy Ohio is allowed to recover all MISO Transmission Expansion Planning (MTEP) costs, including but not limited to Multi Value Project (MVP) costs, directly or indirectly charged to Ohio customers. Duke Energy Ohio also agreed to vigorously defend against any charges for MVP projects from MISO. The KPSC also approved a request to effect the RTO realignment, subject to a commitment not to seek double recovery in a future rate case of the transmission expansion fees that may be charged by MISO and PJM in the same period or overlapping periods.

The following table provides a reconciliation of the beginning and ending balance of Duke Energy Ohio's recorded liability for its exit obligation and share of MTEP costs, excluding MVP, recorded within Other in Current liabilities and Other in Deferred credits and other liabilities on the Consolidated Balance Sheets. The retail portions of MTEP costs billed by MISO are recovered by Duke Energy Ohio through a non-bypassable rider. As of December 31, 2016 and 2015, \$71 million and \$72 million are recorded in Regulatory assets on Duke Energy Ohio's Consolidated Balance Sheets, respectively.

| | | | Provisions/ | Cash | |
|------------------|---------|------------|-------------|------------|-------------------|
| (in millions) | Decembe | r 31, 2015 | Adjustments | Reductions | December 31, 2016 |
| Duke Energy Ohio | \$ | 92 | \$ 3 | \$ (5) | \$ 90 |

MVP. MISO approved 17 MVP proposals prior to Duke Energy Ohio's exit from MISO on December 31, 2011. Construction of these projects is expected to continue through 2020. Costs of these projects, including operating and maintenance costs, property and income taxes, depreciation and an allowed return, are allocated and billed to MISO transmission owners.

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On December 29, 2011, MISO filed a tariff with the FERC providing for the allocation of MVP costs to a withdrawing owner based on monthly energy usage. The FERC set for hearing (i) whether MISO's proposed cost allocation methodology to transmission owners who withdrew from MISO prior to January 1, 2012, is consistent with the tariff at the time of their withdrawal from MISO and, (ii) if not, what the amount of and methodology for calculating any MVP cost responsibility should be. In 2012, MISO estimated Duke Energy Ohio's MVP obligation over the period from 2012 to 2071 at \$2.7 billion, on an undiscounted basis. On July 16, 2013, a FERC Administrative Law Judge (ALJ) issued an initial decision. Under this initial decision, Duke Energy Ohio would be liable for MVP costs. Duke Energy Ohio filed exceptions to the initial decision, requesting FERC to overturn the ALJ's decision.

On October 29, 2015, the FERC issued an order reversing the ALJ's decision. The FERC ruled the cost allocation methodology is not consistent with the MISO tariff and that Duke Energy Ohio has no liability for MVP costs after its withdrawal from MISO. On May 19, 2016, the FERC denied the request for rehearing filed by MISO and the MISO Transmission Owners. On July 15, 2016, the MISO Transmission Owners filed a petition for review with the U.S. Court of Appeals for the Sixth Circuit. Duke Energy Ohio cannot predict the outcome of this matter.

Duke Energy Indiana

Coal Combustion Residual Plan

On March 17, 2016, Duke Energy Indiana filed with the IURC a request for approval of its first group of federally mandated Coal Combustion Residual (CCR) rule compliance projects (Phase I CCR Compliance Projects) to comply with the EPA's CCR rule. The projects in this Phase I filing are CCR compliance projects, including the conversion of Cayuga and Gibson Stations to dry bottom ash handling and related water treatment. Duke Energy Indiana has requested timely recovery of approximately \$380 million in retail capital costs and incremental operating and maintenance costs, including AFUDC, under a federal mandate tracker which provides for timely recovery of 80 percent of such costs and deferral with carrying costs of 20 percent of such costs for recovery in a subsequent retail base rate case. On January 24, 2017, Duke Energy Indiana and various Intervenors filed a settlement agreement with the IURC. Terms of the settlement include recovery of 60 percent of the estimated CCR compliance construction project capital costs through existing rider mechanisms and deferral of 40 percent of these costs until Duke Energy Indiana's next general retail rate case. The deferred costs will earn a return based on Duke Energy Indiana's long-term debt rate of 4.73 percent until costs are included in retail rates, at which time the deferred costs will earn a full return. Costs are to be capped at \$365 million, plus actual AFUDC. Costs above the cap may be recoverable in the next rate case. Terms of the settlement agreement also require Duke Energy Indiana to perform certain reporting and groundwater monitoring. The settlement is subject to approval by the IURC. An evidentiary hearing was held on February 23, 2017. Duke Energy Indiana cannot predict the outcome of this matter.

Edwardsport Integrated Gasification Combined Cycle Plant

Costs for the Edwardsport Integrated Gasification Combined Cycle (IGCC) Plant are recovered from retail electric customers via a tracking mechanism (IGCC rider) with updates filed by Duke Energy Indiana. The IGCC Plant was placed into commercial operation in June 2013.

Duke Energy Indiana and several intervenors agreed upon a settlement (IGCC settlement) in 2015 to resolve disputes related to five IGCC riders (the 11th through 15th) and a subdocket to Duke Energy Indiana's fuel adjustment clause. The settlement agreement resolved disputes related to the determination on whether the IGCC plant was properly declared in-service for ratemaking purposes in June 2013, as well as the operational performance of the plant. The IGCC settlement resulted in customers not being billed for previously incurred plant operating costs of \$87.5 million and payments and commitments from Duke Energy Indiana of \$5.5 million for attorneys' fees and consumer programs funding. Duke Energy Indiana recognized pretax impairment and related charges of \$93 million in 2015. Additionally, under the IGCC settlement, the recovery of operating and maintenance expenses and ongoing maintenance capital at the plant are subject to certain caps during the years of 2016 and 2017. The IGCC settlement also includes a commitment to either retire or stop burning coal by December 31, 2022, at the Gallagher Station. Pursuant to the IGCC settlement, the in-service date used for accounting and ratemaking will remain as June 2013. Remaining deferred costs will be recovered over eight years and not earn a carrying cost. On August 24, 2016, the IURC approved the settlement in full with no changes or conditions. The order was not appealed and the proceeding is concluded. As of December 31, 2016, deferred costs related to the project are approximately \$161 million. Under the IGCC settlement, future IGCC riders will be filed annually, rather than every six months, with the next filing scheduled for first quarter 2017.

The ninth semi-annual IGCC rider order was appealed by various intervenors and the matter was remanded to the IURC for further proceedings and additional findings on a tax in-service issue. On February 2, 2017, the IURC issued an order upholding the original decision, finding that an estimate of impact on customer rates due to the federal income tax in-service determination was reasonable. The intervenors could appeal this order.

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FERC Transmission Return on Equity Complaint

Customer groups have filed with the FERC complaints against MISO and its transmission-owning members, including Duke Energy Indiana, alleging, among other things, that the current base rate of return on equity earned by MISO transmission owners of 12.38 percent is unjust and unreasonable. The latest complaint, filed on February 12, 2015, claims the base rate of return on equity should be reduced to 8.67 percent and requests a consolidation of complaints. The motion to consolidate complaints was denied. On January 5, 2015, the FERC issued an order accepting the MISO transmission owners 0.50 percent adder to the base rate of return on equity based on participation in an RTO subject to it being applied to a return on equity that is shown to be just and reasonable in the pending return on equity complaints. A hearing in the base return on equity proceeding was held in August 2015. On December 22, 2015, the presiding FERC ALJ in the first complaint issued an Initial Decision in which the base rate of return on equity was set at 10.32 percent. On September 28, 2016, the Initial Decision in the first complaint was affirmed by FERC. On June 30, 2016, the presiding FERC ALJ in the second complaint issued an Initial Decision setting the base rate of return on equity at 9.70 percent. The Initial Decision in the second complaint is pending FERC review. Duke Energy Indiana currently believes these matters will not have a material impact on its results of operations, cash flows and financial position.

Grid Infrastructure Improvement Plan

On August 29, 2014, pursuant to a new statute, Duke Energy Indiana filed a seven-year grid infrastructure improvement plan with the IURC with an estimated cost of \$1.9 billion, focusing on the reliability, integrity and modernization of the transmission and distribution system. The plan also provided for cost recovery through a transmission and distribution rider (T&D Rider). In May 2015, the IURC denied the original proposal due to an insufficient level of detailed projects and cost estimates in the plan. On December 7, 2015, Duke Energy Indiana filed a revised infrastructure improvement plan with an estimated cost of \$1.8 billion in response to guidance from IURC orders and the Indiana Court of Appeals decisions related to this new statute. The revised plan uses a combination of advanced technology and infrastructure upgrades to improve service to customers and provide them with better information about their energy use. It also provides for cost recovery through a T&D Rider. In March 2016, Duke Energy Indiana entered into a settlement with all parties to the proceeding except the Citizens Action Coalition of Indiana, Inc. The settlement agreement decreased the capital expenditures eligible for timely recovery of costs in the seven-year plan to approximately \$1.4 billion, including the removal of an AMI project. Under the settlement, the return on equity to be used in the T&D Rider is 10 percent. The IURC approved the settlement and issued a final order on June 29, 2016. The order was not appealed and the proceeding is concluded.

The settlement also provided for deferral accounting for depreciation and post-in-service carrying costs for AMI projects outside the seven-year plan. Duke Energy Indiana withdrew its request for a regulatory asset for current meters and will retain any savings associated with future AMI installation until the next retail base rate case, which is required to be filed prior to the end of the seven-year plan. In 2016, Duke Energy Indiana decided to implement the AMI project. This decision resulted in a pretax impairment charge related to existing or non-AMI meters of approximately \$8 million, based in part on Duke Energy Indiana's intent to file a base rate case in 2022 under the approved T&D Rider plan. At December 31, 2016, Duke Energy Indiana's remaining net book value of non-AMI meters is approximately \$46 million which will be depreciated through 2022. In the event that Duke Energy Indiana was to file a base rate case earlier than 2022, it may incur additional impairment charges.

Other Regulatory Matters

Atlantic Coast Pipeline

On September 2, 2014, Duke Energy, Dominion Resources (Dominion), Piedmont and Southern Company Gas, formerly AGL Resources Inc., announced the formation of ACP to build and own the proposed Atlantic Coast Pipeline (ACP pipeline), an approximately 600-mile interstate natural gas pipeline running from West Virginia to North Carolina. The ACP pipeline is designed to meet the needs identified in RFPs by Duke Energy Carolinas, Duke Energy Progress and Piedmont. The ACP pipeline development costs are estimated between \$5.0 billion to \$5.5 billion. Dominion will build and operate the ACP pipeline. Originally, Dominion held a 45 percent membership interest in ACP, Duke Energy held a 40 percent interest, Piedmont held a 10 percent interest and Southern Company Gas held a 5 percent interest. On October 3, 2016, Duke Energy and Piedmont completed a merger transaction that resulted in Piedmont becoming a wholly owned subsidiary of Duke Energy. In connection with this transaction, and pursuant to terms of the ACP partnership agreement, Piedmont transferred 3 percent of its membership interest in ACP to Dominion in exchange for approximately \$14 million. As a result of this transfer, Dominion maintains a leading ownership percentage in ACP of 48 percent and Duke Energy owns a 47 percent interest through its Gas Utilities and Infrastructure segment. Southern Company Gas maintains a 5 percent interest. See Note 2 for additional information related to Duke Energy's acquisition of Piedmont.

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| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | |

Duke Energy Carolinas, Duke Energy Progress and Piedmont, among others, will be customers of the pipeline. Purchases will be made under several 20-year supply contracts, subject to state regulatory approval. In October 2014, the NCUC and PSCSC approved the Duke Energy Carolinas and Duke Energy Progress requests to enter into certain affiliate agreements, pay compensation to ACP and to grant a waiver of certain Code of Conduct provisions relating to contractual and jurisdictional matters. On September 18, 2015, ACP filed an application with the FERC requesting a CPCN authorizing ACP to construct the pipeline. In December 2016, FERC issued a preliminary Environmental Impact Statement (EIS) indicating that the proposed pipeline would not cause significant harm to the environment or protected populations. The final EIS is expected by June 30, 2017. FERC approval of the application is expected within 90 days of the issuance of the final EIS. Construction is projected to begin once FERC approval is received with a targeted in-service date in the second half of 2019. ACP executed a construction agreement in September 2016 and is working with various agencies to develop the final pipeline route. ACP also requested approval of an open access tariff and the precedent agreements it entered into with future pipeline customers, including Duke Energy Carolinas and Duke Energy Progress. See Notes 12 and 17 for additional information.

Sabal Trail Transmission Pipeline

On May 4, 2015, Duke Energy acquired a 7.5 percent ownership interest in Sabal Trail Transmission, LLC (Sabal Trail) from Spectra Energy Partners, LP, a master limited partnership, formed by Spectra Energy Corp. Spectra Energy Partners, LP holds a 50 percent ownership interest in Sabal Trail and NextEra Energy has a 42.5 percent ownership interest. Sabal Trail is a joint venture that is constructing a 515-mile natural gas pipeline (Sabal Trail pipeline) to transport natural gas to Florida. Total estimated project costs are approximately \$3.2 billion. The Sabal Trail pipeline will traverse Alabama, Georgia and Florida. The primary customers of the Sabal Trail pipeline, Duke Energy Florida and Florida Power & Light Company (FP&L), have each contracted to buy pipeline capacity for 25-year initial terms. On February 3, 2016, the FERC issued an order granting the request for a CPCN to construct and operate the pipeline. The Sabal Trail pipeline has received regulatory approvals and initiated construction of the pipeline with an expected in-service date in mid-2017. See Notes 12 and 17 for additional information.

Constitution Pipeline

Duke Energy owns a 24 percent ownership interest in Constitution Pipeline Company, LLC (Constitution) through a wholly owned subsidiary of Piedmont. Constitution is a natural gas pipeline project slated to transport natural gas supplies from the Marcellus supply region in northern Pennsylvania to major northeastern markets. The pipeline will be constructed and operated by Williams Partners L.P. which has a 41 percent ownership share. The remaining interest is held by Cabot Oil and Gas Corporation and WGL Holdings, Inc.

On April 22, 2016, the New York State Department of Environmental Conservation (NYSDEC) denied Constitution's application for a necessary water quality certification for the New York portion of the Constitution pipeline. Constitution filed legal actions in the U.S. District Court for the Northern District of New York and in the U.S. Court of Appeals for the Second Circuit (U.S. Court of Appeals) challenging the legality and appropriateness of the NYSDEC's decision. Both courts granted Constitution's motions to expedite the schedules for the legal actions. On November 16, 2016, oral arguments were heard in the U.S. Court of Appeals.

Constitution remains steadfastly committed to pursuing the project and intends to pursue all available options to challenge the NYSDEC's decision. In light of the denial of the certification, Constitution revised its target in-service date of the project to be as early as the second half of 2018, assuming that the challenge process is satisfactorily and promptly concluded.

In July 2016, Constitution requested and the FERC approved an extension of the construction period and in-service deadline of the project to December 2018. Also in July, the FERC denied the New York Attorney General's (NYAG) complaint and request for a stay of the certificate order authorizing the project on the grounds that Constitution had improperly cut trees along the proposed route. The FERC found the complaint procedurally deficient and that there was no justification for a stay; it did find the filing constituted a valid request for investigation and thus referred the matter to FERC staff for further examination as may be appropriate. On November 22, 2016, the FERC denied the NYAG's request for reconsideration of this order.

Since April 2016, with the actions of the NYSDEC, Constitution stopped construction and discontinued capitalization of future development costs until the project's uncertainty is resolved. As a result, Duke Energy evaluated the investment in the Constitution project for OTTIs. At this time, no OTTI has been determined and therefore no impairment charge to reduce the carrying value of the investment has been recorded. However, to the extent that the legal and regulatory proceedings have unfavorable outcomes, or if Constitution concludes that the project is not viable or does not go forward as legal and regulatory actions progress, the conclusions with respect to OTTIs could change and may require that an impairment charge of up to the recorded investment in the project, net of any cash and working capital returned, be recorded. Duke Energy will continue to monitor and update the OTTI analysis as required. Different assumptions could affect the timing and amount of any charge recorded in a period.

Pending the outcome of the matters described above, and when construction proceeds, Duke Energy remains committed to fund an amount in proportion to its ownership interest for the development and construction of the new pipeline. Duke Energy's total anticipated contributions are approximately \$229 million. See Notes 12 and 17 for additional information.

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Progress Energy Merger FERC Mitigation

In June 2012, the FERC approved the merger with Progress Energy, including Duke Energy and Progress Energy's revised market power mitigation plan, the Joint Dispatch Agreement (JDA) and the joint Open Access Transmission Tariff. The revised market power mitigation plan provided for the acceleration of one transmission project and the completion of seven other transmission projects (Long-Term FERC Mitigation) and interim firm power sale agreements during the completion of the transmission projects (Interim FERC Mitigation). The Long-Term FERC Mitigation was expected to increase power imported into the Duke Energy Carolinas and Duke Energy Progress service areas and enhance competitive power supply options in the service areas. All of these projects were completed in or before 2014. On May 30, 2014, the Independent Monitor filed with FERC a final report stating that the Long-Term FERC Mitigation is complete. In 2014, Duke Energy Progress recorded an \$18 million partial reversal of an impairment recorded in 2012. This reversal adjusts the initial disallowance from the Long-Term FERC mitigation and reflects updated information on the construction costs and in-service dates of the transmission projects.

Following the closing of the merger, outside counsel reviewed Duke Energy's mitigation plan and discovered a technical error in the calculations. On December 6, 2013, Duke Energy submitted a filing to the FERC disclosing the error and arguing that no additional mitigation is necessary. The city of New Bern filed a protest and requested that FERC order additional mitigation. On October 29, 2014, the FERC ordered that the amount of the stub mitigation be increased from 25 MW to 129 MW. The stub mitigation is Duke Energy's commitment to set aside for third parties a certain quantity of firm transmission capacity from Duke Energy Carolinas to Duke Energy Progress during summer off-peak hours. The FERC also ordered that Duke Energy operate certain phase shifters to create additional import capability and that such operation be monitored by an independent monitor. The costs to comply with this order are not material. The FERC also referred Duke Energy's failure to expressly designate the phase shifter reactivation as a mitigation project in the original mitigation plan filing in March 2012 to the FERC Office of Enforcement for further inquiry. In response, and since December 2014, the FERC Office of Enforcement has been conducting a nonpublic investigation of Duke Energy's market power analyses included in the Progress merger filings submitted to FERC. Duke Energy cannot predict the outcome of this investigation.

Potential Coal Plant Retirements

The Subsidiary Registrants periodically file Integrated Resource Plans (IRP) with their state regulatory commissions. The IRPs provide a view of forecasted energy needs over a long term (10 to 20 years) and options being considered to meet those needs. Recent IRPs filed by the Subsidiary Registrants included planning assumptions to potentially retire certain coal-fired generating facilities in Florida and Indiana earlier than their current estimated useful lives primarily because facilities do not have the requisite emission control equipment to meet EPA regulations recently approved or proposed.

The table below contains the net carrying value of generating facilities planned for retirement or included in recent IRPs as evaluated for potential retirement due to a lack of requisite environmental control equipment. Dollar amounts in the table below are included in Net property, plant and equipment on the Consolidated Balance Sheets as of December 31, 2016 and exclude capitalized asset retirement costs.

| | Remaining N | | |
|---|-------------|----|---------------|
| | Capacity | | Book Value |
| | (in MW) | | (in millions) |
| Duke Energy Carolinas | | | |
| Allen Steam Station Units 1-3(a) | 585 | \$ | 168 |
| Progress Energy and Duke Energy Florida | | | |
| Crystal River Units 1 and 2 | 873 | | 120 |
| Duke Energy Indiana(b) | | | |
| Gallagher Units 2 and 4 ^(c) | 280 | | 136 |
| Total Duke Energy | 1,738 | \$ | 424 |

- (a) Duke Energy Carolinas will retire Allen Steam Station Units 1 through 3 by December 31, 2024, as part of the resolution of a lawsuit involving alleged New Source Review violations.
- (b) Duke Energy Indiana retired Wabash River Units 2 through 6 in 2016.
- (c) Duke Energy Indiana committed to either retire or stop burning coal at Gallagher Units 2 and 4 by December 31, 2022, as part of the settlement of Edwardsport IGCC matters.

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On October 23, 2015, the EPA published in the Federal Register the final Clean Power Plan (CPP) rule regulating carbon dioxide (CO₂) emissions from existing fossil fuel-fired electric generating units (EGUs). The CPP establishes CO₂ emission rates and mass cap goals that apply to existing fossil fuel-fired EGUs. Petitions challenging the final CPP have been filed by several groups and on February 9, 2016, the U.S. Supreme Court issued a stay of the final CPP rule, halting implementation until legal challenges are resolved. States in which the Duke Energy Registrants operate have suspended work on CPP compliance plans as a result of the stay. The court is expected to decide the case in early 2017. Compliance with CPP could cause the industry to replace coal-fired generation with natural gas and renewables, especially in states that have significant CO₂ reduction targets under the rule. Costs to operate coal-fired generation plants continue to grow due to increasing environmental compliance requirements, including ash management costs unrelated to CPP, which may result in the retirement of coal-fired generation plants earlier than the current end of useful lives. Duke Energy continues to evaluate the need to retire generating facilities and plans to seek regulatory recovery, where appropriate, for amounts that have not been recovered upon asset retirements. However, recovery is subject to future regulatory approval, including the recovery of carrying costs on remaining book values, and therefore cannot be assured.

Refer to the "Western Carolinas Modernization Plan" discussion above for details of Duke Energy Progress' planned retirements.

5. COMMITMENTS AND CONTINGENCIES

INSURANCE

General Insurance

The Duke Energy Registrants have insurance and reinsurance coverage either directly or through indemnification from Duke Energy's captive insurance company, Bison, and its affiliates, consistent with companies engaged in similar commercial operations with similar type properties. The Duke Energy Registrants' coverage includes (i) commercial general liability coverage for liabilities arising to third parties for bodily injury and property damage; (ii) workers' compensation; (iii) automobile liability coverage; and (iv) property coverage for all real and personal property damage. Real and personal property damage coverage excludes electric transmission and distribution lines, but includes damages arising from boiler and machinery breakdowns, earthquakes, flood damage and extra expense, but not outage or replacement power coverage. All coverage is subject to certain deductibles or retentions, sublimits, exclusions, terms and conditions common for companies with similar types of operations. The Duke Energy Registrants self-insure their electric transmission and distribution lines against loss due to storm damage and other natural disasters. As discussed further in Note 4, Duke Energy Florida maintains a storm damage reserve and has a regulatory mechanism to recover the cost of named storms on an expedited basis.

The cost of the Duke Energy Registrants' coverage can fluctuate from year to year reflecting claims history and conditions of the insurance and reinsurance markets.

In the event of a loss, terms and amounts of insurance and reinsurance available might not be adequate to cover claims and other expenses incurred. Uninsured losses and other expenses, to the extent not recovered by other sources, could have a material effect on the Duke Energy Registrants' results of operations, cash flows or financial position. Each company is responsible to the extent losses may be excluded or exceed limits of the coverage available.

Nuclear Insurance

Duke Energy Carolinas owns and operates the McGuire Nuclear Station (McGuire) and the Oconee Nuclear Station (Oconee) and operates and has a partial ownership interest in the Catawba Nuclear Station (Catawba). McGuire and Catawba each have two reactors. Oconee has three reactors. The other joint owners of Catawba reimburse Duke Energy Carolinas for certain expenses associated with nuclear insurance per the Catawba joint owner agreements.

Duke Energy Progress owns and operates the Robinson Nuclear Plant (Robinson), Brunswick and Harris. Robinson and Harris each have one reactor. Brunswick has two reactors.

Duke Energy Florida owns Crystal River Unit 3, which has been retired.

In the event of a loss, terms and amounts of insurance available might not be adequate to cover property damage and other expenses incurred. Uninsured losses and other expenses, to the extent not recovered by other sources, could have a material effect on Duke Energy Carolinas', Duke Energy Progress' and Duke Energy Florida's results of operations, cash flows or financial position. Each company is responsible to the extent losses may be excluded or exceed limits of the coverage available.

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Nuclear Liability Coverage

The Price-Anderson Act requires owners of nuclear reactors to provide for public nuclear liability protection per nuclear incident up to a maximum total financial protection liability. The maximum total financial protection liability, which is approximately \$13.4 billion, is subject to change every five years for inflation and for the number of licensed reactors. Total nuclear liability coverage consists of a combination of private primary nuclear liability insurance coverage and a mandatory industry risk-sharing program to provide for excess nuclear liability coverage above the maximum reasonably available private primary coverage. The United States Congress could impose revenue-raising measures on the nuclear industry to pay claims.

Primary Liability Insurance

Duke Energy Carolinas, Duke Energy Progress and Duke Energy Florida have purchased the maximum reasonably available private primary nuclear liability insurance as required by law, which was \$375 million per station. For incidents after January 1, 2017, this primary nuclear liability insurance limit increased to \$450 million per station.

Excess Liability Program

This program provides \$13 billion of coverage per incident through the Price-Anderson Act's mandatory industrywide excess secondary financial protection program of risk pooling. This amount is the product of potential cumulative retrospective premium assessments of \$127 million times the current 102 licensed commercial nuclear reactors in the U.S. Under this program, licensees could be assessed retrospective premiums to compensate for public nuclear liability damages in the event of a nuclear incident at any licensed facility in the U.S. Retrospective premiums may be assessed at a rate not to exceed \$19 million per year per licensed reactor for each incident. The assessment may be subject to state premium taxes.

Nuclear Property and Accidental Outage Coverage

Duke Energy Carolinas, Duke Energy Progress and Duke Energy Florida are members of Nuclear Electric Insurance Limited (NEIL), an industry mutual insurance company, which provides "all risk" property damage, decontamination and premature decommissioning insurance for each station for losses resulting from damage to its nuclear plants, either due to accidents or acts of terrorism. Additionally, NEIL provides some replacement power cost insurance for each station for losses in the event of a major accidental outage at an insured nuclear station. NEIL requires its members to maintain an investment grade credit rating or to ensure collectability of their annual retrospective premium obligation by providing a financial guarantee, letter of credit, deposit premium or other means of assurance. The companies are required each year to report to the NRC the current levels and sources of insurance that demonstrate it possesses sufficient financial resources to stabilize and decontaminate its reactors and reactor station sites in the event of an accident.

Pursuant to regulations of the NRC, each company's property damage insurance policies provide that all proceeds from such insurance be applied, first, to place the plant in a safe and stable condition after a qualifying accident and second, to decontaminate the plant before any proceeds can be used for decommissioning, plant repair or restoration.

Losses resulting from acts of terrorism are covered as common occurrences, such that if terrorist acts occur against one or more commercial nuclear power plants insured by NEIL within a 12-month period, they would be treated as one event and the owners of the plants where the act occurred would share one full limit of liability. The full limit of liability is currently \$3.2 billion. NEIL sublimits the total aggregate for all of their policies for non-nuclear terrorist events to approximately \$1.83 billion.

Each nuclear facility has accident property damage, decontamination and premature decommissioning liability insurance from NEIL with limits of \$1.5 billion, except for Crystal River Unit 3. Crystal River Unit 3's limit is \$50 million and is on an actual cash value basis. All nuclear facilities except for Catawba and Crystal River Unit 3 also share an additional \$1.25 billion nuclear accident insurance limit above their dedicated underlying limit. This shared additional excess limit is not subject to reinstatement in the event of a loss. Catawba has a dedicated \$1.25 billion of additional nuclear accident insurance limit above its dedicated underlying limit. Catawba and Oconee also have an additional \$750 million of non-nuclear accident property damage limit. All coverages are subject to sublimits and significant deductibles.

NEIL's Accidental Outage policy provides some replacement power cost insurance for losses in the event of a major accident property damage outage of a nuclear unit. Coverage is provided on a weekly limit basis after a significant waiting period deductible and at 100 percent of the available weekly limits for 52 weeks and 80 percent of the available weekly limits for the next 110 weeks. Coverage is provided until these available weekly periods are met where the accidental outage policy limit will not exceed \$490 million for McGuire, Catawba, Brunswick and Harris, \$464 million for Oconee and \$404 million for Robinson. NEIL sublimits the accidental outage recovery to the first 104 weeks of coverage not to exceed \$328 million from non-nuclear accidental property damage. Coverage amounts decrease in the event more than one unit at a station is out of service due to a common accident. All coverages are subject to sublimits and significant deductibles.

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Potential Retroactive Premium Assessments

In the event of NEIL losses, NEIL's board of directors may assess member companies retroactive premiums of amounts up to 10 times their annual premiums for up to six years after a loss. NEIL has never exercised this assessment. The maximum aggregate annual retrospective premium obligations for Duke Energy Carolinas, Duke Energy Progress and Duke Energy Florida are \$164 million, \$104 million and \$1 million, respectively. Duke Energy Carolinas' maximum assessment amount includes 100 percent of potential obligations to NEIL for jointly owned reactors. Duke Energy Carolinas would seek reimbursement from the joint owners for their portion of these assessment amounts.

ENVIRONMENTAL

The Duke Energy Registrants are subject to federal, state and local regulations regarding air and water quality, hazardous and solid waste disposal and other environmental matters. These regulations can be changed from time to time, imposing new obligations on the Duke Energy Registrants. The following environmental matters impact all of the Duke Energy Registrants.

Remediation Activities

In addition to the ARO recorded as a result of various environmental regulations, discussed in Note 9, the Duke Energy Registrants are responsible for environmental remediation at various sites. These include certain properties that are part of ongoing operations and sites formerly owned or used by Duke Energy entities. These sites are in various stages of investigation, remediation and monitoring. Managed in conjunction with relevant federal, state and local agencies, remediation activities vary based upon site conditions and location, remediation requirements, complexity and sharing of responsibility. If remediation activities involve joint and several liability provisions, strict liability, or cost recovery or contribution actions, the Duke Energy Registrants could potentially be held responsible for environmental impacts caused by other potentially responsible parties and may also benefit from insurance policies or contractual indemnities that cover some or all cleanup costs. Liabilities are recorded when losses become probable and are reasonably estimable. The total costs that may be incurred cannot be estimated because the extent of environmental impact, allocation among potentially responsible parties, remediation alternatives and/or regulatory decisions have not yet been determined at all sites. Additional costs associated with remediation activities are likely to be incurred in the future and could be significant. Costs are typically expensed as Operation, maintenance and other in the Consolidated Statements of Operations unless regulatory recovery of the costs is deemed probable.

The following tables contain information regarding reserves for probable and estimable costs related to the various environmental sites. These reserves are recorded in Other within Deferred Credits and Other Liabilities on the Consolidated Balance Sheets.

| | | Duke | | Duke | Duke | Duke | Duke |
|------------------------------|-------------|-----------|----------|----------|---------|--------|---------|
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Balance at December 31, 2013 | \$ 74 \$ | \$ 11 | \$ 27 | \$ 8 | \$ 19 | \$ 27 | \$ 7 |
| Provisions/adjustments | 32 | (1) | 1 | 4 | (3) | 28 | 4 |
| Cash reductions | (14) | _ | (11) | (7) | (4) | (1) | (1) |
| Balance at December 31, 2014 | 92 | 10 | 17 | 5 | 12 | 54 | 10 |
| Provisions/adjustments | 11 | 1 | 4 | _ | 4 | 1 | 5 |
| Cash reductions | (9) | (1) | (4) | (2) | (2) | (1) | (3) |
| Balance at December 31, 2015 | 94 | 10 | 17 | 3 | 14 | 54 | 12 |
| Provisions/adjustments | 19 | 4 | 7 | 2 | 4 | 7 | 1 |
| Cash reductions | (15) | (4) | (6) | (2) | (4) | (2) | (3) |
| Balance at December 31, 2016 | \$ 98 | \$ 10 | \$ 18 | \$ 3 | \$ 14 | \$ 59 | \$ 10 |

Additional losses in excess of recorded reserves that could be incurred for the stages of investigation, remediation and monitoring for environmental sites that have been evaluated at this time are not material except as presented in the table below.

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| (in millions) | |
|-----------------------|----------|
| Duke Energy | \$ 69 |
| Duke Energy Carolinas | 22 |
| Duke Energy Ohio | 36 |
| Duke Energy Indiana | 7 |

North Carolina and South Carolina Ash Basins

In February 2014, a break in a stormwater pipe beneath an ash basin at Duke Energy Carolinas' retired Dan River Steam Station caused a release of ash basin water and ash into the Dan River. Duke Energy Carolinas estimates 30,000 to 39,000 tons of ash and 24 million to 27 million gallons of basin water were released into the river. In July 2014, Duke Energy completed remediation work identified by the EPA and continues to cooperate with the EPA's civil enforcement process. Future costs related to the Dan River release, including future state or federal civil enforcement proceedings, future regulatory directives, natural resources damages, future claims or litigation and long-term environmental impact costs, cannot be reasonably estimated at this time.

The North Carolina Department of Environmental Quality (NCDEQ) has historically assessed Duke Energy Carolinas and Duke Energy Progress with Notice of Violations (NOV) for violations that were most often resolved through satisfactory corrective actions and minor, if any, fines or penalties. Subsequent to the Dan River ash release, Duke Energy Carolinas and Duke Energy Progress have been served with a higher level of NOVs, including assessed penalties for violations at L.V. Sutton Combined Cycle Plant (Sutton) and Dan River Steam Station. Duke Energy Carolinas and Duke Energy Progress cannot predict whether the NCDEQ will assess future penalties related to existing unresolved NOVs and if such penalties would be material. See "NCDEQ Notices of Violation" section below for additional discussion.

LITIGATION

Duke Energy

Duke Energy no longer has exposure to litigation matters related to the International Energy Disposal Group as a result of the divestiture of the business in December 2016. See Note 2 for additional information related to the sale of International Energy.

Ash Basin Shareholder Derivative Litigation

Five shareholder derivative lawsuits were filed in Delaware Chancery Court relating to the release at Dan River and to the management of Duke Energy's ash basins. On October 31, 2014, the five lawsuits were consolidated in a single proceeding titled *In Re Duke Energy Corporation Coal Ash Derivative Litigation*. On December 2, 2014, plaintiffs filed a Corrected Verified Consolidated Shareholder Derivative Complaint (Consolidated Complaint). The Consolidated Complaint names as defendants several current and former Duke Energy officers and directors (collectively, the "Duke Energy Defendants"). Duke Energy is named as a nominal defendant.

The Consolidated Complaint alleges the Duke Energy Defendants breached their fiduciary duties by failing to adequately oversee Duke Energy's ash basins and that these breaches of fiduciary duty may have contributed to the incident at Dan River and continued thereafter. The lawsuit also asserts claims against the Duke Energy Defendants for corporate waste (relating to the money Duke Energy has spent and will spend as a result of the fines, penalties and coal ash removal) and unjust enrichment (relating to the compensation and director remuneration that was received despite these alleged breaches of fiduciary duty). The lawsuit seeks both injunctive relief against Duke Energy and restitution from the Duke Energy Defendants. On January 21, 2015, the Duke Energy Defendants filed a Motion to Stay and an alternative Motion to Dismiss. On August 31, 2015, the court issued an order staying the case which was lifted on March 24, 2016. On April 22, 2016, plaintiffs filed an Amended Verified Consolidated Shareholder Derivative Complaint (Amended Complaint) making the same allegations as in the Consolidated Complaint. The Duke Energy Defendants filed a motion to dismiss the Amended Complaint on June 21, 2016. On December 14, 2016, the Delaware Chancery Court entered an order dismissing the Amended Complaint. Plaintiffs filed an appeal to the Delaware Supreme Court on January 9, 2017. Opening briefs were due by February 24, 2017, and a date for oral argument has not been set.

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On March 5, 2015, shareholder Judy Mesirov filed a shareholder derivative complaint (Mesirov Complaint) in North Carolina state court. The lawsuit, styled *Mesirov v. Good*, was similar to the consolidated derivative action pending in Delaware Chancery Court and was filed against the same current directors and former directors and officers as the Delaware litigation. Duke Energy Corporation, Duke Energy Progress and Duke Energy Carolinas were named as nominal defendants. The Mesirov Complaint alleged that the Duke Energy Board of Directors was aware of Clean Water Act (CWA) compliance issues and failures to maintain structures in ash basins, but that the Board of Directors did not require Duke Energy Carolinas and Duke Energy Progress to take action to remedy deficiencies. The Mesirov Complaint further alleged that the Board of Directors sanctioned activities to avoid compliance with the law by allowing improper influence of the NCDEQ to minimize regulation and by opposing previously anticipated citizen suit litigation. The Mesirov Complaint sought corporate governance reforms and damages relating to costs associated with the Dan River release, remediation of ash basins that are out of compliance with the CWA and defending and payment of fines, penalties and settlements relating to criminal and civil investigations and lawsuits. On July 5, 2016, the plaintiff filed a Notice of Voluntary Dismissal Without Prejudice, closing this matter.

In addition to the above derivative complaints, in 2014, Duke Energy received two shareholder litigation demand letters. The letters alleged that the members of the Board of Directors and certain officers breached their fiduciary duties by allowing the company to illegally dispose of and store coal ash pollutants. One of the letters also alleged a breach of fiduciary duty in the decision-making relating to the leadership changes following the close of the Progress Energy merger in July 2012.

By letter dated September 4, 2015, attorneys for the shareholders were informed that, on the recommendation of the Demand Review Committee formed to consider such matters, the Board of Directors concluded not to pursue potential claims against individuals. One of the shareholders, Mitchell Pinsly, sent a formal demand for records and Duke Energy has responded to this request.

On October 30, 2015, shareholder Saul Bresalier filed a shareholder derivative complaint (Bresalier Complaint) in the U.S. District Court for the District of Delaware. The lawsuit alleges that several current and former Duke Energy officers and directors (Bresalier Defendants) breached their fiduciary duties in connection with coal ash environmental issues, the post-merger change in Chief Executive Officer (CEO) and oversight of political contributions. Duke Energy is named as a nominal defendant. The Bresalier Complaint contends that the Demand Review Committee failed to appropriately consider the shareholder's earlier demand for litigation and improperly decided not to pursue claims against the Bresalier Defendants. The Bresalier Defendants filed a Motion to Dismiss the Bresalier litigation on January 15, 2016. In lieu of a response to the Motion to Dismiss, the plaintiff filed a Motion to Convert the Bresalier Defendants' Motion to Dismiss into a Motion for Summary Judgment and also for limited discovery. Following a hearing on June 15, 2016, the court denied the plaintiff's Motion to Convert and is requiring the parties to complete briefing on the Bresalier Defendants' Motion to Dismiss. On July 29, 2016, the Bresalier Defendants filed an Amended Motion to Dismiss. Oral argument on the Amended Motion to Dismiss was heard on December 20, 2016. As discussed below, an agreement-in-principle has been reached to settle the merger related claims in the Bresalier Complaint.

It is not possible to predict whether Duke Energy will incur any liability or to estimate the damages, if any, it might incur in connection with these matters.

Progress Energy Merger Shareholder Litigation

Duke Energy, the 11 members of the Board of Directors who were also members of the pre-merger Board of Directors (Legacy Duke Energy Directors) and certain Duke Energy officers were defendants in a purported securities class action lawsuit (*Nieman v. Duke Energy Corporation, et al*). This lawsuit consolidated three lawsuits originally filed in July 2012. The plaintiffs alleged federal Securities Act of 1933 and Securities Exchange Act of 1934 (Exchange Act) claims based on allegations of materially false and misleading representations and omissions in the Registration Statement filed on July 7, 2011, and purportedly incorporated into other documents, all in connection with the post-merger change in CEO. On August 15, 2014, the parties reached an agreement in principle to settle the litigation. On March 10, 2015, the parties filed a Stipulation of Settlement and a Motion for Preliminary Approval of the Settlement. Under the terms of the agreement, Duke Energy agreed to pay \$146 million to settle the claim. On April 22, 2015, Duke Energy made a payment of \$25 million into the settlement escrow account. The remainder of \$121 million was paid by insurers into the settlement escrow account. The final order approving the settlement was issued on November 2, 2015, thus closing the matter.

On May 31, 2013, the Delaware Chancery Court consolidated four shareholder derivative lawsuits filed in 2012. The Court also appointed a lead plaintiff and counsel for plaintiffs and designated the case as *In Re Duke Energy Corporation Derivative Litigation* (Merger Chancery Litigation). The lawsuit names as defendants the Legacy Duke Energy Directors. Duke Energy is named as a nominal defendant. The case alleges claims for breach of fiduciary duties of loyalty and care in connection with the post-merger change in CEO.

Two shareholder Derivative Complaints, filed in 2012 in federal district court in Delaware, were consolidated as *Tansey v. Rogers, et al.* The case alleges claims against the Legacy Duke Energy Directors for breach of fiduciary duty and waste of corporate assets, as well as claims under Section 14(a) and 20(a) of the Exchange Act. Duke Energy is named as a nominal defendant. On December 21, 2015, Plaintiff filed a Consolidated Amended Complaint asserting the same claims contained in the original complaints.

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The Legacy Duke Energy Directors have reached an agreement-in-principle to settle the Merger Chancery Litigation, conditioned on dismissal as well, of the *Tansey v. Rogers, et al* case and the merger related claims in the Bresalier Complaint discussed above, for a total of \$27 million. The entire settlement amount is to be funded by insurance. The settlement amount, less court-approved attorney fees, will be payable to Duke Energy. The settlement is subject to the execution of definitive settlement documents and court approval.

Price Reporting Cases

Duke Energy Trading and Marketing, LLC (DETM), a non-operating Duke Energy affiliate, was a defendant, along with numerous other energy companies, in four class-action lawsuits and a fifth single-plaintiff lawsuit in a consolidated federal court proceeding in Nevada. Each of these lawsuits contained similar claims that defendants allegedly manipulated natural gas markets by various means, including providing false information to natural gas trade publications and entering into unlawful arrangements and agreements in violation of the antitrust laws of the respective states. Plaintiffs sought damages in unspecified amounts. In February 2016, DETM reached agreements in principle to settle all of the pending lawsuits. Settlement of the single-plaintiff settlement was finalized and paid in March 2016. The proposed settlement of the class-action lawsuits was submitted to the Court and preliminarily approved on January 26, 2017. The Court will consider final approval of the class settlement following notice to the class members. The settlement amounts are not material to Duke Energy.

Duke Energy Carolinas and Duke Energy Progress

NCDEQ Notice of Violation

In August 2014, NCDEQ issued an NOV for alleged groundwater violations at Duke Energy Progress' Sutton Plant. On March 10, 2015, NCDEQ issued a civil penalty of approximately \$25 million to Duke Energy Progress for environmental damages related to alleged groundwater contamination at the Sutton Plant. On April 9, 2015, Duke Energy Progress filed a Petition for Contested Case hearing in the Office of Administrative Hearings. In February 2015, NCDEQ issued an NOV for alleged groundwater violations at Duke Energy Progress' Asheville Plant. Duke Energy Progress responded to NCDEQ regarding this NOV.

On September 29, 2015, Duke Energy Progress and Duke Energy Carolinas entered into a settlement agreement with NCDEQ resolving all former, current and future groundwater penalties at all Duke Energy Carolinas and Duke Energy Progress coal facilities in North Carolina. Under the agreement, Duke Energy Progress paid approximately \$6 million and Duke Energy Carolinas paid approximately \$1 million. In addition to these payments, Duke Energy Progress and Duke Energy Carolinas will accelerate remediation actions at the Sutton, Asheville, Belews Creek and H.F. Lee plants. The court entered a consent order resolving the contested case relating to the Sutton Plant and NCDEQ rescinded the NOVs relating to alleged groundwater violations at both the Sutton and Asheville plants.

On October 13, 2015, the Southern Environmental Law Center (SELC), representing multiple conservation groups, filed a lawsuit in North Carolina Superior Court seeking judicial review of the order approving the settlement agreement with NCDEQ. The conservation groups contend that the ALJ exceeded his statutory authority in approving a settlement that provided for past, present and future resolution of groundwater issues at facilities which were not at issue in the penalty appeal. On December 18, 2015, Duke Energy Carolinas and Duke Energy Progress filed a Motion to Dismiss the complaint. On February 12, 2016, the ALJ entered a new order clarifying that the dismissal of the contested case only applied to the specific issues before the ALJ in the Petition for Contested Case. On March 10, 2016, the court dismissed the SELC lawsuit based on the ALJ's entry of the new order.

On February 8, 2016, the NCDEQ assessed a penalty of approximately \$6.8 million, including enforcement costs, against Duke Energy Carolinas related to stormwater pipes and associated discharges at the Dan River Steam Station. Duke Energy Carolinas recorded a charge in December 2015 for this penalty. In March 2016, Duke Energy Carolinas filed an appeal of this penalty. On September 23, 2016, Duke Energy Carolinas entered into a settlement agreement with the NCDEQ, without admission of liability, under which Duke Energy Carolinas agreed to a payment of \$6 million to resolve allegations underlying the asserted civil penalty related to the Dan River coal ash release and a March 4, 2016, NOV alleging unpermitted discharges at the facility.

NCDEQ State Enforcement Actions

In the first quarter of 2013, SELC sent notices of intent to sue Duke Energy Carolinas and Duke Energy Progress related to alleged CWA violations from coal ash basins at two of their coal-fired power plants in North Carolina. The NCDEQ filed enforcement actions against Duke Energy Carolinas and Duke Energy Progress alleging violations of water discharge permits and North Carolina groundwater standards. The cases have been consolidated and are being heard before a single judge.

On August 16, 2013, the NCDEQ filed an enforcement action against Duke Energy Carolinas and Duke Energy Progress related to their remaining plants in North Carolina, alleging violations of the CWA and violations of the North Carolina groundwater standards. Both of these cases have been assigned to the judge handling the enforcement actions discussed above. SELC is representing several environmental groups who have been permitted to intervene in these cases.

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On July 10, 2015, Duke Energy Carolinas and Duke Energy Progress filed two Motions for Partial Summary Judgment in the case on the basis that there is no longer either a genuine controversy or disputed material facts about the relief for seven of the 14 North Carolina plants with coal ash basins. On September 14, 2015, the court granted the Motions for Partial Summary Judgment pending court approval of the terms through an order. On April 4, 2016, the court issued an order granting Duke Energy Progress' Motion for Partial Summary Judgment for cases involving the H.F. Lee, Cape Fear and Weatherspoon plants. On June 1, 2016, the court issued an order granting Duke Energy Carolinas' and Duke Energy Progress' Motion for Partial Summary Judgment for cases involving the Asheville, Dan River, Riverbend and Sutton plants. The litigation is concluded for these seven plants. Litigation continues for the remaining seven plants. In response to a motion for partial summary judgment on the groundwater claims filed by the environmental groups, on October 17, 2016, Duke Energy Carolinas and Duke Energy Progress filed a cross-motion for partial summary judgment on the groundwater claims. On February 13, 2017, the court issued an order denying both the environmental groups' motion for partial summary judgment and Duke Energy Carolinas and Duke Energy Progress' cross-motion for partial summary judgment.

It is not possible to predict any liability or estimate any damages Duke Energy Carolinas or Duke Energy Progress might incur in connection with these matters.

Federal Citizens Suits

On June 13, 2016, the Roanoke River Basin Association filed a federal citizen suit in the Middle District of North Carolina alleging unpermitted discharges to surface water and groundwater violations at the Mayo Plant. On August 19, 2016, Duke Energy Progress filed a Motion to Dismiss the complaint and a decision is pending. It is not possible to predict whether Duke Energy Progress will incur any liability or to estimate the damages, if any, they might incur in connection with this matter.

Five previously filed cases involving the Riverbend, Cape Fear, H.F. Lee, Sutton and Buck plants have been dismissed or settled during 2016.

North Carolina Ash Basin Grand Jury Investigation

As a result of the Dan River ash basin water release discussed above, NCDEQ issued a NOV and Recommendation of Assessment of Civil Penalties with respect to this matter on February 28, 2014, which the company responded to on March 13, 2014. Duke Energy and certain Duke Energy employees received subpoenas issued by the United States Attorney for the Eastern District of North Carolina in connection with a criminal investigation related to all 14 of the North Carolina facilities with ash basins and the nature of Duke Energy's contacts with NCDEQ with respect to those facilities. This was a multidistrict investigation that also involves state law enforcement authorities.

On February 20, 2015, Duke Energy Carolinas, Duke Energy Progress and Duke Energy Business Services LLC (DEBS), a wholly owned subsidiary of Duke Energy, each entered into Plea Agreements in connection with the investigation initiated by the United States Department of Justice Environmental Crimes Section and the United States Attorneys for the Eastern District of North Carolina, the Middle District of North Carolina and the Western District of North Carolina (collectively, USDOJ). On May 14, 2015, the United States District Court for the Eastern District of North Carolina approved the Plea Agreements.

Under the Plea Agreements, DEBS and Duke Energy Progress pleaded guilty to four misdemeanor CWA violations related to violations at Duke Energy Progress' H.F. Lee Steam Electric Plant, Cape Fear Steam Electric Plant and Asheville Steam Electric Generating Plant. Duke Energy Carolinas and DEBS pleaded guilty to five misdemeanor CWA violations related to violations at Duke Energy Carolinas' Dan River Steam Station and Riverbend Steam Station. DEBS, Duke Energy Carolinas and Duke Energy Progress also agreed (i) to a five-year probation period, (ii) to pay a total of approximately \$68 million in fines and restitution and \$34 million for community service and mitigation (the Payments), (iii) to fund and establish environmental compliance plans subject to the oversight of a court-appointed monitor in addition to certain other conditions set out in the Plea Agreements. Duke Energy Carolinas and Duke Energy Progress also agree to each maintain \$250 million under their Master Credit Facility as security to meet their obligations under the Plea Agreements. Payments under the Plea Agreements will be borne by shareholders and are not tax deductible. Duke Energy Corporation has agreed to issue a guarantee of all payments and performance due from DEBS, Duke Energy Carolinas and Duke Energy Progress, including but not limited to payments for fines, restitution, community service, mitigation and the funding of, and obligations under, the environmental compliance plans. As a result of the Plea Agreements, Duke Energy Carolinas and Duke Energy Progress recognized charges of \$72 million and \$30 million, respectively, in Operation, maintenance and other on the Consolidated Statements of Operations and Comprehensive Income during 2014. Payment of the amounts relating to fines and restitution were made between May and July 2015. The Plea Agreements do not cover pending civil claims related to the Dan River coal ash release and operations at other North Carolina coal plants.

On May 14, 2015, Duke Energy reached an Interim Administrative Agreement with the U.S. Environmental Protection Agency Office of Suspension and Debarment that avoids debarment of DEBS, Duke Energy Carolinas or Duke Energy Progress with respect to all active generating facilities. The Interim Administrative Agreement imposes a number of requirements relating to environmental and ethical compliance, subject to the oversight of an independent monitor.

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Potential Groundwater Contamination Claims

Beginning in May 2015, a number of residents living in the vicinity of the North Carolina facilities with ash basins received letters from the NCDEQ advising them not to drink water from the private wells on their land tested by the NCDEQ as the samples were found to have certain substances at levels higher than the criteria set by the North Carolina Department of Health and Human Services (DHHS). The criteria, in some cases, are considerably more stringent than federal drinking water standards established to protect human health and welfare. The North Carolina Coal Ash Management Act of 2014, as amended, (Coal Ash Act) requires additional groundwater monitoring and assessments for each of the 14 coal-fired plants in North Carolina, including sampling of private water supply wells. The data gathered through these Comprehensive Site Assessments (CSAs) will be used by NCDEQ to determine whether the water quality of these private water supply wells has been adversely impacted by the ash basins. Duke Energy has submitted CSAs documenting the results of extensive groundwater monitoring around coal ash basins at all 14 of the plants with coal ash basins. Generally, the data gathered through the installation of new monitoring wells and soil and water samples across the state have been consistent with historical data provided to state regulators over many years. The DHHS and NCDEQ sent follow-up letters on October 15, 2015, to residents near coal ash basins who have had their wells tested, stating that private well samplings at a considerable distance from coal ash basins, as well as some municipal water supplies, contain similar levels of vanadium and hexavalent chromium which leads investigators to believe these constituents are naturally occurring. In March 2016, DHHS rescinded the advisories.

Duke Energy Carolinas and Duke Energy Progress have received formal demand letters from residents near Duke Energy Carolinas' and Duke Energy Progress' coal ash basins. The residents claim damages for nuisance and diminution in property value, among other things. The parties held three days of mediation discussions which ended at impasse. On January 6, 2017, Duke Energy Carolinas and Duke Energy Progress received the plaintiffs' notice of their intent to file suits should the matter not settle. The NCDEQ preliminarily approved Duke Energy's permanent water solution plans on January 13, 2017, and as a result shortly thereafter, Duke Energy issued a press release, providing additional details regarding the homeowner compensation package. This package consists of three components: (i) a \$5,000 goodwill payment to each eligible well owner to support the transition to a new water supply, (ii) where a public water supply is available and selected by the eligible well owner, a stipend to cover 25 years of water bills and (iii) the Property Value Protection Plan. The Property Value Protection Plan is a program offered by Duke Energy designed to guarantee eligible plant neighbors the fair market value of their residential property should they decide to sell their property during the time which the plan is offered. Duke Energy Carolinas and Duke Energy Progress recognized charges of \$18 million and \$4 million, respectively, in Operation, maintenance and other on the Consolidated Statements of Operations and Comprehensive Income in December 2016.

It is not possible to estimate the maximum exposure of loss, if any, that may occur in connection with claims which might be made by these residents.

Duke Energy Carolinas

Asbestos-related Injuries and Damages Claims

Duke Energy Carolinas has experienced numerous claims for indemnification and medical cost reimbursement related to asbestos exposure. These claims relate to damages for bodily injuries alleged to have arisen from exposure to or use of asbestos in connection with construction and maintenance activities conducted on its electric generation plants prior to 1985. As of December 31, 2016, there were 121 asserted claims for non-malignant cases with the cumulative relief sought of up to \$32 million and 58 asserted claims for malignant cases with the cumulative relief sought of up to \$16 million. Based on Duke Energy Carolinas' experience, it is expected that the ultimate resolution of most of these claims likely will be less than the amount claimed.

Duke Energy Carolinas has recognized asbestos-related reserves of \$512 million and \$536 million at December 31, 2016 and 2015, respectively. These reserves are classified in Other within Deferred Credits and Other Liabilities and Other within Current Liabilities on the Consolidated Balance Sheets. These reserves are based upon the minimum amount of the range of loss for current and future asbestos claims through 2036, are recorded on an undiscounted basis and incorporate anticipated inflation. In light of the uncertainties inherent in a longer-term forecast, management does not believe they can reasonably estimate the indemnity and medical costs that might be incurred after 2036 related to such potential claims. It is possible Duke Energy Carolinas may incur asbestos liabilities in excess of the recorded reserves.

Duke Energy Carolinas has third-party insurance to cover certain losses related to asbestos-related injuries and damages above an aggregate self-insured retention. Duke Energy Carolinas' cumulative payments began to exceed the self-insurance retention in 2008. Future payments up to the policy limit will be reimbursed by the third-party insurance carrier. The insurance policy limit for potential future insurance recoveries indemnification and medical cost claim payments is \$814 million in excess of the self-insured retention. Receivables for insurance recoveries were \$587 million and \$599 million at December 31, 2016 and 2015, respectively. These amounts are classified in Other within Investments and Other Assets and Receivables on the Consolidated Balance Sheets. Duke Energy Carolinas is not aware of any uncertainties regarding the legal sufficiency of insurance claims. Duke Energy Carolinas believes the insurance recovery asset is probable of recovery as the insurance carrier continues to have a strong financial strength rating.

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Duke Energy Progress and Duke Energy Florida

Spent Nuclear Fuel Matters

On October 16, 2014, Duke Energy Progress and Duke Energy Florida sued the U.S. in the U.S. Court of Federal Claims. The lawsuit claimed the Department of Energy breached a contract in failing to accept spent nuclear fuel under the Nuclear Waste Policy Act of 1982 and asserted damages for the cost of on-site storage. Duke Energy Progress and Duke Energy Florida asserted damages for the period January 1, 2011 through December 31, 2013, of \$48 million and \$25 million, respectively. Claims for all periods prior to 2011 have been resolved. Additional claims are likely to be filed after the current litigation is resolved. Trial has been set for June 2017. Duke Energy Progress and Duke Energy Florida cannot predict the outcome of this matter.

Duke Energy Florida

Class Action Lawsuit

On February 22, 2016, a lawsuit was filed in the U.S. District Court for the Southern District of Florida on behalf of a putative class of Duke Energy Florida and FP&L's customers in Florida. The suit alleges the State of Florida's nuclear power plant cost recovery statutes (NCRS) are unconstitutional and pre-empted by federal law. Plaintiffs claim they are entitled to repayment of all money paid by customers of Duke Energy Florida and FP&L as a result of the NCRS, as well as an injunction against any future charges under those statutes. The constitutionality of the NCRS has been challenged unsuccessfully in a number of prior cases on alternative grounds. Duke Energy Florida and FP&L filed motions to dismiss the complaint on May 5, 2016. On September 21, 2016, the Court granted the motions to dismiss with prejudice. Plaintiffs filed a motion for reconsideration, which was denied. On January 4, 2017, plaintiffs filed a notice of appeal. Duke Energy Florida cannot predict the outcome of this appeal.

Westinghouse Contract Litigation

On March 28, 2014, Duke Energy Florida filed a lawsuit against Westinghouse in the U.S. District Court for the Western District of North Carolina. The lawsuit seeks recovery of \$54 million in milestone payments in excess of work performed under the terminated EPC for Levy as well as a determination by the court of the amounts due to Westinghouse as a result of the termination of the EPC. Duke Energy Florida recognized an exit obligation as a result of the termination of the EPC contract.

On March 31, 2014, Westinghouse filed a lawsuit against Duke Energy Florida in U.S. District Court for the Western District of Pennsylvania. The Pennsylvania lawsuit alleged damages under the EPC in excess of \$510 million for engineering and design work, costs to end supplier contracts and an alleged termination fee.

On June 9, 2014, the judge in the North Carolina case ruled that the litigation will proceed in the Western District of North Carolina. On July 11, 2016, Duke Energy Florida and Westinghouse filed separate Motions for Summary Judgment. On September 29, 2016, the court issued its ruling on the parties' respective Motions for Summary Judgment, ruling in favor of Westinghouse on a \$30 million termination fee claim and dismissing Duke Energy Florida's \$54 million refund claim, but stating that Duke Energy Florida could use the refund claim to offset any damages for termination costs. Westinghouse's claim for termination costs was unaffected by this ruling and continued to trial. At trial, Westinghouse reduced its claim for termination costs from \$482 million to \$424 million.

Following a trial on the matter, the court issued its final order in December 2016 denying Westinghouse's claim for termination costs and re-affirming its earlier ruling in favor of Westinghouse on the \$30 million termination fee and Duke Energy Florida's refund claim. Judgment was entered against Duke Energy Florida in the amount of approximately \$34 million, which includes pre-judgment interest. Westinghouse has appealed the trial court's order and Duke Energy Florida has cross-appealed.

It is not possible to predict the ultimate outcome of the appeal of the trial court's order. Ultimate resolution of these matters could have a material effect on the results of operations, financial position or cash flows of Duke Energy Florida. However, appropriate regulatory recovery will be pursued for the retail portion of any costs incurred in connection with such resolution.

MGP Cost Recovery Action

On December 30, 2011, Duke Energy Florida filed a lawsuit against FirstEnergy Corp. (FirstEnergy) to recover investigation and remediation costs incurred by Duke Energy Florida in connection with the restoration of two former MGP sites in Florida. Duke Energy Florida alleged that FirstEnergy, as the successor to Associated Gas & Electric Co., owes past and future contribution and response costs of up to \$43 million for the investigation and remediation of MGP sites. On December 6, 2016, the trial court entered judgment against Duke Energy Florida in the case. In January 2017, Duke Energy Florida appealed the decision to the U.S. Court of Appeals for the 6th Circuit. Duke Energy Florida cannot predict the outcome of this appeal.

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Duke Energy Ohio

Antitrust Lawsuit

In January 2008, four plaintiffs, including individual, industrial and nonprofit customers, filed a lawsuit against Duke Energy Ohio in federal court in the Southern District of Ohio. Plaintiffs alleged Duke Energy Ohio conspired to provide inequitable and unfair price advantages for certain large business consumers by entering into nonpublic option agreements in exchange for their withdrawal of challenges to Duke Energy Ohio's Rate Stabilization Plan implemented in early 2005. In March 2014, a federal judge certified this matter as a class action. Plaintiffs alleged claims of antitrust violations under the federal Robinson Patman Act as well as fraud and conspiracy allegations under the federal Racketeer Influenced and Corrupt Organizations statute and the Ohio Corrupt Practices Act.

During 2015, the parties received preliminary court approval of a settlement agreement. Duke Energy Ohio recorded a litigation settlement reserve of \$81 million classified in Other within Current Liabilities on the Consolidated Balance Sheet at December 31, 2015. Duke Energy Ohio also recognized a pretax charge of \$81 million in (Loss) Income From Discontinued Operations, net of tax in the Consolidated Statements of Operations and Comprehensive Income for the year ended December 31, 2015. The settlement agreement was approved at a federal court hearing on April 19, 2016. Distribution of the settlement checks was approved by the court in January 2017. See Note 2 for further discussion on the Midwest Generation Exit.

W.C. Beckjord Fuel Release

On August 18, 2014, approximately 9,000 gallons of fuel oil were inadvertently discharged into the Ohio River during a fuel oil transfer at the W.C. Beckjord generating station. The Ohio Environmental Protection Agency issued a NOV related to the discharge. On November 22, 2016, Duke Energy Ohio entered into a plea agreement with the U.S. Attorney for the Southern District of Ohio. Terms of the agreement include a misdemeanor violation of the CWA, a fine of \$1 million and a \$100 thousand contribution to the Foundation for Ohio River Education, which were paid in fourth quarter 2016. Duke Energy Ohio has also reimbursed government and private entities for approximately \$1 million of costs incurred as a result of the fuel release.

Duke Energy Indiana

Benton County Wind Farm Dispute

On December 16, 2013, Benton County Wind Farm LLC (BCWF) filed a lawsuit against Duke Energy Indiana seeking damages for past generation losses totaling approximately \$16 million alleging Duke Energy Indiana violated its obligations under a 2006 PPA by refusing to offer electricity to the market at negative prices. Damage claims continue to increase during times that BCWF is not dispatched. Under 2013 revised MISO market rules, Duke Energy Indiana is required to make a price offer to MISO for the power it proposes to sell into MISO markets and MISO determines whether BCWF is dispatched. Because market prices would have been negative due to increased market participation, Duke Energy Indiana determined it would not bid at negative prices in order to balance customer needs against BCWF's need to run. BCWF contends Duke Energy Indiana must bid at the lowest negative price to ensure dispatch, while Duke Energy Indiana contends it is not obligated to bid at any particular price, that it cannot ensure dispatch with any bid and that is has reasonably balanced the parties' interests. On July 6, 2015, the U.S. District Court for the Southern District of Indiana entered judgment against BCWF on all claims. BCWF appealed the decision and on December 9, 2016, the appeals court ruled in favor of BCWF. The matter has been remanded to a lower court to determine damages. Duke Energy Indiana cannot predict the outcome of this matter. Ultimate resolution of this matter could have a material effect on the results of operations, financial position or cash flows of Duke Energy Indiana. However, appropriate regulatory recovery will be pursued for the retail portion of any costs incurred in connection with such resolution.

Other Litigation and Legal Proceedings

The Duke Energy Registrants are involved in other legal, tax and regulatory proceedings arising in the ordinary course of business, some of which involve significant amounts. The Duke Energy Registrants believe the final disposition of these proceedings will not have a material effect on their results of operations, cash flows or financial position.

The table below presents recorded reserves based on management's best estimate of probable loss for legal matters, excluding asbestos-related reserves and the exit obligation discussed above related to the termination of an EPC contract. Reserves are classified on the Consolidated Balance Sheets in Other within Deferred Credits and Other Liabilities and Accounts payable and Other within Current Liabilities. The reasonably possible range of loss in excess of recorded reserves is not material, other than as described above.

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| | | December 3 | 31, |
|----------------------------|----|------------|------|
| (in millions) | | 2016 | 2015 |
| Reserves for Legal Matters | | | |
| Duke Energy | \$ | 98 \$ | 156 |
| Duke Energy Carolinas | | 23 | 11 |
| Progress Energy | | 59 | 54 |
| Duke Energy Progress | | 14 | 6 |
| Duke Energy Florida | | 28 | 31 |
| Duke Energy Ohio | | 4 | 80 |

OTHER COMMITMENTS AND CONTINGENCIES

General

As part of their normal business, the Duke Energy Registrants are party to various financial guarantees, performance guarantees and other contractual commitments to extend guarantees of credit and other assistance to various subsidiaries, investees and other third parties. These guarantees involve elements of performance and credit risk, which are not fully recognized on the Consolidated Balance Sheets and have unlimited maximum potential payments. However, the Duke Energy Registrants do not believe these guarantees will have a material effect on their results of operations, cash flows or financial position.

Purchase Obligations

Purchased Power

Duke Energy Progress, Duke Energy Florida and Duke Energy Ohio have ongoing purchased power contracts, including renewable energy contracts, with other utilities, wholesale marketers, co-generators and qualified facilities. These purchased power contracts generally provide for capacity and energy payments. In addition, Duke Energy Progress and Duke Energy Florida have various contracts to secure transmission rights.

The following table presents executory purchased power contracts with terms exceeding one year, excluding contracts classified as leases.

| | | Minimum Purchase Amount at December 31, 2016 | | | | | | |
|-------------------------|--------------|--|-------|-------|-------|------|------------|-------|
| | Contract | | | | | | | |
| (in millions) | Expiration | 2017 | 2018 | 2019 | 2020 | 2021 | Thereafter | Total |
| Duke Energy Progress(a) | 2019-2031 \$ | 66 \$ | 67 \$ | 67 \$ | 50 \$ | 51 | \$ 267 \$ | 568 |
| Duke Energy Florida(b) | 2021-2043 | 341 | 357 | 377 | 394 | 376 | 1,211 | 3,056 |
| Duke Energy Ohio(c)(d) | 2018 | 203 | 89 | _ | _ | _ | _ | 292 |

- (a) Contracts represent between 15 percent and 100 percent of net plant output.
- (b) Contracts represent between 81 percent and 100 percent of net plant output.
- (c) Contracts represent between 1 percent and 11 percent of net plant output.
- (d) Excludes PPA with OVEC. See Note 17 for additional information.

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Gas Supply and Capacity Contracts

Duke Energy and Duke Energy Ohio routinely enter into long-term gas supply commodity and capacity commitments and other agreements that commit future cash flows to acquire services needed in their businesses. These commitments include pipeline and storage capacity contracts and natural gas supply contracts to provide service to customers. Costs arising from the natural gas supply commodity and capacity commitments, while significant, are pass-through costs to customers and are generally fully recoverable through the fuel adjustment or PGA procedures and prudence reviews in North Carolina and South Carolina and under the Tennessee Incentive Plan in Tennessee. In the Midwest, these costs are recovered via the Gas Cost Recovery Rate in Ohio or the Gas Cost Adjustment Clause in Kentucky. The time periods for fixed payments under pipeline and storage capacity contracts are up to 19 years. The time periods for fixed payments under natural gas supply contracts are up to three years. The time period for the natural gas supply purchase commitments is up to 15 years.

Certain storage and pipeline capacity contracts require the payment of demand charges that are based on rates approved by the FERC in order to maintain rights to access the natural gas storage or pipeline capacity on a firm basis during the contract term. The demand charges that are incurred in each period are recognized in the Consolidated Statements of Operations and Comprehensive Income as part of natural gas purchases and are included in Cost of natural gas.

The following table presents future unconditional purchase obligations under natural gas supply and capacity contracts as of December 31, 2016.

| (in millions) | Duke Energy | Duke Energy Ohio |
|---------------|----------------|------------------|
| 2017 | \$ 371 \$ | 52 |
| 2018 | 308 | 35 |
| 2019 | 286 | 26 |
| 2020 | 269 | 22 |
| 2021 | 267 | 22 |
| Thereafter | 1,595 | 7 |
| Total | \$ 3,096 \$ | 164 |

Operating and Capital Lease Commitments

The Duke Energy Registrants lease office buildings, railcars, vehicles, computer equipment and other property and equipment with various terms and expiration dates. Additionally, Duke Energy Progress has a capital lease related to firm gas pipeline transportation capacity. Duke Energy Progress and Duke Energy Florida have entered into certain purchased power agreements, which are classified as leases. Consolidated capitalized lease obligations are classified as Long-Term Debt or Other within Current Liabilities on the Consolidated Balance Sheets. Amortization of assets recorded under capital leases is included in Depreciation and amortization and Fuel used in electric generation on the Consolidated Statements of Operations.

The following table presents rental expense for operating leases. These amounts are included in Operation, maintenance and other on the Consolidated Statements of Operations.

| | Years Ende | ed December 31, | |
|-----------------------|--------------|-----------------|------|
| (in millions) | 2016 | 2015 | 2014 |
| Duke Energy | \$ 242 \$ | 313 \$ | 350 |
| Duke Energy Carolinas | 45 | 41 | 41 |
| Progress Energy | 140 | 230 | 257 |
| Duke Energy Progress | 68 | 149 | 161 |
| Duke Energy Florida | 72 | 81 | 96 |
| Duke Energy Ohio | 16 | 13 | 17 |
| Duke Energy Indiana | 23 | 20 | 21 |

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| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

The following table presents future minimum lease payments under operating leases, which at inception had a non-cancelable term of more than one year.

| | | | | De | ce | mber 31, 2 | 016 | 3 | | | | | | | | | | | | | | | | |
|---------------|-------------|----|-----------|-------------|----|------------|-----|----------|----------|----------|--|----------|--|----------|--|----------|--|----------|--|----------|--|---------|------|---------|
| | | | Duke | | | Duke | | Duke | Duke | Duke | | | | | | | | | | | | | | |
| | Duke | | Energy | Progress | | Energy | | Energy | Energy | Energy | | | | | | | | | | | | | | |
| (in millions) | Energy | (| Carolinas | Energy | | Progress | | Progress | | Progress | | Progress | | Progress | | Progress | | Progress | | Progress | | Florida | Ohio | Indiana |
| 2017 | \$ 218 | \$ | 41 | \$ 129 | \$ | 75 | \$ | 54 | \$ 12 | \$ 20 | | | | | | | | | | | | | | |
| 2018 | 205 | | 35 | 126 | | 73 | | 53 | 11 | 17 | | | | | | | | | | | | | | |
| 2019 | 181 | | 27 | 120 | | 68 | | 52 | 7 | 11 | | | | | | | | | | | | | | |
| 2020 | 164 | | 23 | 109 | | 58 | | 51 | 6 | 10 | | | | | | | | | | | | | | |
| 2021 | 134 | | 17 | 91 | | 43 | | 48 | 4 | 6 | | | | | | | | | | | | | | |
| Thereafter | 948 | | 52 | 602 | | 379 | | 223 | 7 | 9 | | | | | | | | | | | | | | |
| Total | \$ 1,850 | \$ | 195 | \$ 1,177 | \$ | 696 | \$ | 481 | \$ 47 | \$ 73 | | | | | | | | | | | | | | |

The following table presents future minimum lease payments under capital leases.

| | | | | De | cember 31, 2 | 2010 | 6 | | |
|------------------------------------|-------------|-----------|----|----------|--------------|------|---------|--------|---------|
| | Duke | | | | Duke | | Duke | Duke | Duke |
| | Duke | Energy | | Progress | Energy | | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | | Energy | Progress | | Florida | Ohio | Indiana |
| 2017 | \$ 148 | \$ 6 | \$ | 46 | \$ 21 | \$ | 25 \$ | 4 | \$ 1 |
| 2018 | 154 | 6 | | 46 | 21 | | 25 | 3 | 2 |
| 2019 | 154 | 6 | | 45 | 20 | | 25 | 1 | 1 |
| 2020 | 159 | 5 | | 46 | 22 | | 25 | _ | 1 |
| 2021 | 163 | 1 | | 45 | 20 | | 25 | _ | 1 |
| Thereafter | 784 | 30 | | 322 | 250 | | 71 | _ | 41 |
| Minimum annual payments | 1,562 | 54 | | 550 | 354 | | 196 | 8 | 47 |
| Less: amount representing interest | (462) | (32) |) | (265) | (212) | | (53) | (1) | (36) |
| Total | \$ 1,100 | \$ 22 | \$ | 285 | \$ 142 | \$ | 143 \$ | 7 | \$ 11 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|---------------------------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| NOT | ES TO FINANCIAL STATEMENTS (Continued |) | |

6. DEBT AND CREDIT FACILITIES

Summary of Debt and Related Terms

The following tables summarize outstanding debt.

| | | | ı | December : | 31, 2016 | | | |
|---|----------|-----------|-----------|------------|-----------------------|----------|----------|---------|
| | Weighted | | | | | | | |
| | Average | | Duke | | Duke | Duke | Duke | Duke |
| | Interest | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Rate | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Unsecured debt, maturing 2017 - 2073 | 4.30% \$ | 17,812 \$ | 1,150 | \$ 3,551 | \$ — \$ | 150 \$ | 810 \$ | 415 |
| Secured debt, maturing 2017 - 2037 | 2.60% | 3,909 | 425 | 1,819 | 300 | 1,519 | _ | _ |
| First mortgage bonds, maturing 2017 - 2046(a) | 4.61% | 21,879 | 7,410 | 10,800 | 6,425 | 4,375 | 1,000 | 2,669 |
| Capital leases, maturing 2018 - 2051(b) | 4.48% | 1,100 | 22 | 285 | 142 | 143 | 7 | 11 |
| Tax-exempt bonds, maturing 2017 - 2041(c) | 2.84% | 1,053 | 355 | 48 | 48 | _ | 77 | 572 |
| Notes payable and commercial paper(d) | 1.01% | 3,112 | _ | _ | _ | _ | - | _ |
| Money pool/intercompany borrowings(e) | | _ | 300 | 1,902 | 150 | 297 | 41 | 150 |
| Fair value hedge carrying value adjustment | | 6 | 6 | _ | _ | _ | - | _ |
| Unamortized debt discount and premium, $net(f)$ | | 1,753 | (20) | (31) | (16) | (10) | (28) | (9) |
| Unamortized debt issuance costs(9) | | (242) | (45) | (104) | (38) | (52) | (7) | (22) |
| Total debt | 4.07% \$ | 50,382 \$ | 9,603 | \$ 18,270 | \$ 7,011 \$ | 6,422 \$ | 1,900 \$ | 3,786 |
| Short-term notes payable and commercial paper | | (2,487) | _ | _ | _ | _ | _ | _ |
| Short-term money pool/intercompany borrowings | | _ | _ | (729) | _ | (297) | (16) | _ |
| Current maturities of long-term debt(h) | | (2,319) | (116) | (778) | (452) | (326) | (1) | (3) |
| Total long-term debt ^(h) | \$ | 45,576 \$ | 9,487 | \$ 16,763 | \$ 6,559 \$ | 5,799 \$ | 1,883 \$ | 3,783 |

- (a) Substantially all electric utility property is mortgaged under mortgage bond indentures.
- (b) Duke Energy includes \$98 million and \$670 million of capital lease purchase accounting adjustments related to Duke Energy Progress and Duke Energy Florida, respectively, related to power purchase agreements that are not accounted for as capital leases in their respective financial statements because of grandfathering provisions in GAAP.
- (c) Substantially all tax-exempt bonds are secured by first mortgage bonds or letters of credit.
- (d) Includes \$625 million that was classified as Long-Term Debt on the Consolidated Balance Sheets due to the existence of long-term credit facilities that backstop these commercial paper balances, along with Duke Energy's ability and intent to refinance these balances on a long-term basis. The weighted average days to maturity for Duke Energy and Piedmont's commercial paper programs were 14 days and eight days, respectively.
- (e) Progress Energy amount includes a \$1 billion intercompany loan related to the sale of the International Disposal Group. See Note 2 for further discussion of the sale.
- (f) Duke Energy includes \$1,653 million and \$197 million in purchase accounting adjustments related to Progress Energy and Piedmont, respectively.
- (g) Duke Energy includes \$53 million in purchase accounting adjustments primarily related to the merger with Progress Energy.
- (h) Refer to Note 17 for additional information on amounts from consolidated VIEs.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

| | | | | ecember 3 | 31, 2015 | | | |
|---|----------|---------|-----------|-----------|-------------|----------|----------|---------|
| • | Weighted | | | | | | | |
| | Average | | Duke | | Duke | Duke | Duke | Duke |
| | Interest | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Rate | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Unsecured debt, maturing 2016 - 2073 | 4.68% \$ | 12,960 | \$ 1,152 | \$ 3,850 | \$ -\$ | 150 \$ | 765 \$ | 740 |
| Secured debt, maturing 2016 - 2037 | 2.37% | 2,361 | 425 | 479 | 254 | 225 | _ | _ |
| First mortgage bonds, maturing 2016 - 2045(a) | 4.74% | 18,980 | 6,161 | 9,750 | 5,975 | 3,775 | 750 | 2,319 |
| Capital leases, maturing 2016 - 2051(b) | 5.39% | 1,335 | 24 | 300 | 144 | 156 | 13 | 14 |
| Tax-exempt bonds, maturing 2017 - 2041(c) | 2.59% | 1,053 | 355 | 48 | 48 | _ | 77 | 572 |
| Notes payable and commercial paper ^(d) | 0.88% | 4,258 | _ | _ | _ | _ | _ | _ |
| Money pool/intercompany borrowings | | _ | 300 | 1,458 | 359 | 813 | 128 | 150 |
| Fair value hedge carrying value adjustment | | 6 | 6 | _ | _ | _ | _ | _ |
| Unamortized debt discount and premium, net(e) | | 1,712 | (17) | (28) | (16) | (8) | (28) | (8) |
| Unamortized debt issuance costs(f) | | (164) | (39) | (85) | (37) | (32) | (4) | (19) |
| Total debt | 4.15% \$ | 42,501 | \$ 8,367 | \$ 15,772 | \$ 6,727 \$ | 5,079 \$ | 1,701 \$ | 3,768 |
| Short-term notes payable and commercial paper | | (3,633) | _ | _ | _ | _ | _ | _ |
| Short-term money pool/intercompany borrowings | | _ | _ | (1,308) | (209) | (813) | (103) | _ |
| Current maturities of long-term debt(9) | | (2,026) | (356) | (315) | (2) | (13) | (106) | (547) |
| Total long-term debt(g) | \$ | 36,842 | \$ 8,011 | \$ 14,149 | \$ 6,516 \$ | 4,253 \$ | 1,492 \$ | 3,221 |

- (a) Substantially all electric utility property is mortgaged under mortgage bond indentures.
- (b) Duke Energy includes \$114 million and \$731 million of capital lease purchase accounting adjustments related to Duke Energy Progress and Duke Energy Florida, respectively, related to power purchase agreements that are not accounted for as capital leases in their respective financial statements because of grandfathering provisions in GAAP.
- (c) Substantially all tax-exempt bonds are secured by first mortgage bonds or letters of credit.
- (d) Includes \$625 million that was classified as Long-Term Debt on the Consolidated Balance Sheets due to the existence of long-term credit facilities that backstop these commercial paper balances, along with Duke Energy's ability and intent to refinance these balances on a long-term basis. The weighted average days to maturity for commercial paper was 15 days.
- (e) Duke Energy includes \$1,798 million in purchase accounting adjustments related to the merger with Progress Energy.
- (f) Duke Energy includes \$59 million in purchase accounting adjustments primarily related to the merger with Progress Energy.
- (g) Refer to Note 17 for additional information on amounts from consolidated VIEs.

Current Maturities of Long-Term Debt

The following table shows the significant components of Current maturities of Long-Term Debt on the Consolidated Balance Sheets. The Duke Energy Registrants currently anticipate satisfying these obligations with cash on hand and proceeds from additional borrowings.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

| (in millions) | Maturity Date | Interest Rate | December 31, 2016 |
|--------------------------------------|----------------|---------------|-------------------|
| Unsecured Debt | | | |
| Duke Energy (Parent) | April 2017 | 1.226% \$ | 400 |
| Duke Energy (Parent) | August 2017 | 1.625% | 700 |
| Piedmont Natural Gas | September 2017 | 8.510% | 35 |
| First Mortgage Bonds | | | |
| Duke Energy Progress | March 2017 | 1.146% | 250 |
| Duke Energy Florida | September 2017 | 5.800% | 250 |
| Duke Energy Progress | November 2017 | 1.111% | 200 |
| Secured | | | |
| Duke Energy | June 2017 | 2.365% | 45 |
| Duke Energy | June 2017 | 2.260% | 34 |
| Tax-exempt Bonds | | | |
| Duke Energy Carolinas | February 2017 | 3.600% | 77 |
| Duke Energy Carolinas | February 2017 | 0.810% | 10 |
| Duke Energy Carolinas | February 2017 | 0.790% | 25 |
| Other(a) | | | 293 |
| Current maturities of long-term debt | | \$ | 2,319 |

⁽a) Includes capital lease obligations, amortizing debt and small bullet maturities.

Maturities and Call Options

The following table shows the annual maturities of long-term debt for the next five years and thereafter. Amounts presented exclude short-term notes payable and commercial paper and money pool borrowings for the Subsidiary Registrants.

| | | | | De | ce | mber 31, 2 | 016 |) | | |
|--|--------------|-------------|----|----------|----|------------|-----|---------|-------------|-------------|
| | | Duke | | | | Duke | | Duke | Duke | Duke |
| | Duke | Energy | ı | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | Energy(a) | Carolinas | | Energy | | Progress | | Florida | Ohio | Indiana |
| 2017 | \$ 2,319 | \$ 116 | \$ | 778 | \$ | 452 | \$ | 326 | \$ 1 | \$ 3 |
| 2018 | 3,466 | 1,629 | | 559 | | _ | | 561 | 3 | 3 |
| 2019 | 3,316 | 5 | | 1,992 | | 902 | | 292 | 551 | 63 |
| 2020 | 2,112 | 755 | | 469 | | 152 | | 319 | 25 | 653 |
| 2021 | 3,699 | 501 | | 1,473 | | 602 | | 372 | 49 | 70 |
| Thereafter | 31,090 | 6,597 | | 12,270 | | 4,903 | | 4,255 | 1,255 | 2,994 |
| Total long-term debt, including current maturities | \$ 46,002 | \$ 9,603 | \$ | 17,541 | \$ | 7,011 | \$ | 6,125 | \$ 1,884 | \$ 3,786 |

⁽a) Excludes \$1,893 million in purchase accounting adjustments related to the Progress Energy merger and the Piedmont acquisition.

The Duke Energy Registrants have the ability under certain debt facilities to call and repay the obligation prior to its scheduled maturity. Therefore, the actual timing of future cash repayments could be materially different than as presented above.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

Short-Term Obligations Classified as Long-Term Debt

Tax-exempt bonds that may be put to the Duke Energy Registrants at the option of the holder and certain commercial paper issuances and money pool borrowings are classified as Long-Term Debt on the Consolidated Balance Sheets. These tax-exempt bonds, commercial paper issuances and money pool borrowings, which are short-term obligations by nature, are classified as long term due to Duke Energy's intent and ability to utilize such borrowings as long-term financing. As Duke Energy's Master Credit Facility and other bilateral letter of credit agreements have non-cancelable terms in excess of one year as of the balance sheet date, Duke Energy has the ability to refinance these short-term obligations on a long-term basis. The following tables show short-term obligations classified as long-term debt.

| | December 31, 2016 | | | | | | | | | | |
|---------------------|-----------------------|----|-----------|----|----------|----|--------|----|---------|--|--|
| | Duke Duke Duke | | | | | | | | Duke | | |
| | Duke | | Energy | | Energy | | Energy | | Energy | | |
| (in millions) | Energy | | Carolinas | | Progress | | Ohio | | Indiana | | |
| Tax-exempt bonds | \$ 347 | \$ | 35 | \$ | _ | \$ | 27 | \$ | 285 | | |
| Commercial paper(a) | 625 | | 300 | | 150 | | 25 | | 150 | | |
| Total | \$ 972 | \$ | 335 | \$ | 150 | \$ | 52 | \$ | 435 | | |

| | December 31, 2015 | | | | | | | | | | |
|---------------------------------|-----------------------|----|----------------|----|----------|----|--------|---------|--|--|--|
| | | | Duke Energy | | Duke | | Duke | Duke | | | |
| | Duke | | | | Energy | | Energy | Energy | | | |
| (in millions) | Energy | | Carolinas | | Progress | | Ohio | Indiana | | | |
| Tax-exempt bonds | \$ 347 | \$ | 35 | \$ | _ | \$ | 27 \$ | 285 | | | |
| Commercial paper ^(a) | 625 | | 300 | | 150 | | 25 | 150 | | | |
| Total | \$ 972 | \$ | 335 | \$ | 150 | \$ | 52 \$ | 435 | | | |

⁽a) Progress Energy amounts are equal to Duke Energy Progress amounts.

Summary of Significant Debt Issuances

Piedmont Acquisition Financing

In August 2016, Duke Energy issued \$3.75 billion of senior unsecured notes in three separate series. The net proceeds were used to finance a portion of the Piedmont acquisition. The \$4.9 billion Bridge Facility was terminated following the issuance of this debt. See Note 2 for additional information on the Piedmont acquisition.

Nuclear Asset-Recovery Bonds

In June 2016, DEFPF issued \$1,294 million of nuclear asset-recovery bonds and used the proceeds to acquire nuclear asset-recovery property from its parent, Duke Energy Florida. The nuclear asset-recovery bonds are payable only from and secured by the nuclear asset-recovery property. DEFPF is consolidated for financial reporting purposes; however, the nuclear asset-recovery bonds do not constitute a debt, liability or other legal obligation of, or interest in, Duke Energy Florida or any of its affiliates other than DEFPF. The assets of DEFPF, including the nuclear asset-recovery property, are not available to pay creditors of Duke Energy Florida or any of its affiliates. Duke Energy Florida used the proceeds from the sale to repay short-term borrowings under the intercompany money pool borrowing arrangement and make an equity distribution of \$649 million to the ultimate parent, Duke Energy (Parent), which repaid short-term borrowings. See Notes 4 and 17 for additional information.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | |

Solar Facilities Financing

In August 2016, Emerald State Solar, LLC, an indirect wholly owned subsidiary of Duke Energy, entered into a \$333 million portfolio financing of approximately 22 North Carolina Solar facilities. Tranche A of \$228 million is secured by substantially all the assets of the solar facilities and is nonrecourse to Duke Energy. Tranche B of \$105 million is secured by an Equity Contribution Agreement with Duke Energy. Proceeds were used to reimburse Duke Energy for a portion of previously funded construction expenditures related to the Emerald State Solar, LLC portfolio. The initial interest rate on the loans was six months London Interbank Offered Rate (LIBOR) plus an applicable margin of 1.75 percent plus a 0.125 percent increase every three years thereafter. In connection with this debt issuance, Emerald State Solar, LLC entered into two interest rate swaps to convert the substantial majority of the loan interest payments from variable rates to fixed rates of approximately 1.81 percent for Tranche A and 1.38 percent for Tranche B, plus the applicable margin. See Note 14 for further information on the notional amounts of the interest rate swaps.

Duke Energy Florida Bond Issuance

In January 2017, Duke Energy Florida issued \$900 million of first mortgage bonds. The issuance was split between a \$250 million, three-year series and a \$650 million, 10-year series. The net proceeds from the issuance were used to repay at maturity \$250 million aggregate principal amount of bonds due September 2017, as well as to fund capital expenditures for ongoing construction and capital maintenance and for general corporate purposes.

The following tables summarize significant debt issuances (in millions).

| | | | Year Ended December 31, 2016 | | | | | | | | |
|-------------------------------|----------------|-----------|------------------------------|-------|------|------------|-------------|---------|------|-------|-------------|
| | | _ | | Dı | uke | Duke | Duke | Duk | е | Duke | Duke |
| | Maturity | Interest | Duke | Ene | rgy | Energy | Energy | Energ | y E | nergy | Energy |
| Issuance Date | Date | Rate | Energy | (Pare | ent) | Carolinas | Progress | Florid | а | Ohio | Indiana |
| Unsecured Debt | | | | | | | | | | | |
| April 2016 ^(a) | April 2023 | 2.875% \$ | 350 | \$ | 350 | s – | \$ — | \$ - | - \$ | _ | \$ — |
| August 2016 | September 2021 | 1.800% | 750 | - | 750 | _ | _ | - | - | _ | _ |
| August 2016 | September 2026 | 2.650% | 1,500 | 1, | 500 | _ | _ | _ | - | _ | _ |
| August 2016 | September 2046 | 3.750% | 1,500 | 1, | 500 | _ | _ | _ | - | _ | _ |
| Secured Debt | | | | | | | | | | | |
| June 2016(b) | March 2020 | 1.196% | 183 | | _ | _ | _ | 18 | 3 | _ | _ |
| June 2016(b) | September 2022 | 1.731% | 150 | | _ | _ | _ | 15 | 0 | _ | _ |
| June 2016(b) | September 2029 | 2.538% | 436 | | _ | _ | _ | 43 | 6 | _ | _ |
| June 2016(b) | March 2033 | 2.858% | 250 | | _ | _ | _ | 25 | 0 | _ | _ |
| June 2016 ^(b) | September 2036 | 3.112% | 275 | | _ | _ | _ | 27 | 5 | _ | _ |
| August 2016 | June 2034 | 2.747% | 228 | | _ | _ | _ | _ | _ | _ | _ |
| August 2016 | June 2020 | 2.747% | 105 | | _ | _ | _ | _ | _ | _ | _ |
| First Mortgage Bonds | | | | | | | | | | | |
| March 2016(c) | March 2023 | 2.500% | 500 | | _ | 500 | _ | _ | - | _ | _ |
| March 2016 ^(c) | March 2046 | 3.875% | 500 | | _ | 500 | _ | _ | _ | _ | _ |
| May 2016 ^(d) | May 2046 | 3.750% | 500 | | _ | _ | _ | _ | - | _ | 500 |
| June 2016 ^(c) | June 2046 | 3.700% | 250 | | _ | _ | _ | _ | _ | 250 | _ |
| September 2016 ^(e) | October 2046 | 3.400% | 600 | | _ | _ | _ | 60 | 0 | _ | _ |
| September 2016 ^(c) | October 2046 | 3.700% | 450 | | _ | _ | 450 | _ | _ | _ | _ |
| November 2016 ^(f) | December 2026 | 2.950% | 600 | | _ | 600 | _ | - | - | _ | _ |
| Total issuances | | \$ | 9,127 | \$ 4, | 100 | \$ 1,600 | \$ 450 | \$ 1,89 | 4 \$ | 250 | \$ 500 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | - | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | |

- (d) Proceeds were used to pay down outstanding commercial paper and for general corporate purposes.
- (e) The nuclear asset recovery bonds are sequential pay amortizing bonds. The maturity date above represents the scheduled final maturity date for the bonds.
- (f) Proceeds were used to fund capital expenditures for ongoing construction, capital maintenance and for general corporate purposes.
- (g) Proceeds were used to repay \$325 million of unsecured debt due June 2016, \$150 million of first mortgage bonds due July 2016 and for general corporate purposes.
- (h) Proceeds were used to fund capital expenditures for ongoing construction, capital maintenance, to repay short-term borrowings under the intercompany money pool borrowing arrangement and for general corporate purposes.
- (i) Proceeds were used to repay at maturity \$350 million aggregate principal amount of certain bonds due December 2016, as well as to fund capital expenditures for ongoing construction and capital maintenance and for general corporate purposes.

| | | | Year Ended December 31, 2015 | | | | |
|---------------------------|---------------|-----------|------------------------------|--------|-----------|----------|--|
| | | | | Duke | Duke | Duke | |
| | Maturity | Interest | Duke | Energy | Energy | Energy | |
| Issuance Date | Date | Rate | Rate Energy | | Carolinas | Progress | |
| Unsecured Debt | | | | | | | |
| November 2015(a)(b) | April 2024 | 3.750% \$ | 400 \$ | 400 | \$ | \$ — | |
| November 2015(a)(b) | December 2045 | 4.800% | 600 | 600 | _ | _ | |
| First Mortgage Bonds | | | | | | | |
| March 2015 ^(c) | June 2045 | 3.750% | 500 | _ | 500 | _ | |
| August 2015(a)(d) | August 2025 | 3.250% | 500 | _ | _ | 500 | |
| August 2015(a)(d) | August 2045 | 4.200% | 700 | _ | _ | 700 | |
| Total issuances | | \$ | 2,700 \$ | 1,000 | \$ 500 | \$ 1,200 | |

- (a) Proceeds were used to repay short-term money pool and commercial paper borrowing issued to fund a portion of the NCEMPA acquisition, see Note 2 for further information.
- (b) Proceeds were used to refinance at maturity \$300 million of unsecured notes at Progress Energy due January 2016.
- (c) Proceeds were used to redeem at maturity \$500 million of first mortgage bonds due October 2015.
- (d) Proceeds were used to refinance at maturity \$400 million of first mortgage bonds due December 2015.

Available Credit Facilities

Duke Energy has a Master Credit Facility with a capacity of \$7.5 billion through January 2020. The Duke Energy Registrants, excluding Progress Energy (Parent) and Piedmont, have borrowing capacity under the Master Credit Facility up to specified sublimits for each borrower. Duke Energy has the unilateral ability at any time to increase or decrease the borrowing sublimits of each borrower, subject to a maximum sublimit for each borrower. The amount available under the Master Credit Facility has been reduced to backstop issuances of commercial paper, certain letters of credit and variable-rate demand tax-exempt bonds that may be put to the Duke Energy Registrants at the option of the holder. Duke Energy Carolinas and Duke Energy Progress are also required to each maintain \$250 million of available capacity under the Master Credit Facility as security to meet obligations under plea agreements reached with the U.S. Department of Justice in 2015 related to violations at North Carolina facilities with ash basins.

Piedmont has a separate five-year revolving syndicated credit facility, with a capacity of \$850 million through December 2020 and an expansion option of up to an additional \$200 million. The facility provides a line of credit for letters of credit of \$10 million.

The table below includes the current borrowing sublimits and available capacity under these credit facilities.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|
| · · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | |

| | | December 31, 2016 | | | | | | | | | | |
|---------------------------------|----|-------------------|----|----------|----|-----------|----|----------|----|---------|-----------|-----------|
| | | | | Duke | | Duke | | Duke | | Duke | Duke | Duke |
| | | Duke | | Energy | | Energy | | Energy | | Energy | Energy | Energy |
| (in millions) | Er | nergy(a) | | (Parent) | (| Carolinas | | Progress | | Florida | Ohio | Indiana |
| Facility size(b) | \$ | 8,350 | \$ | 3,400 | \$ | 1,100 | \$ | 1,000 | \$ | 950 | \$ 450 | \$ 600 |
| Reduction to backstop issuances | | | | | | | | | | | | |
| Commercial paper ^(c) | | (2,022) | | (977) | | (300) | | (150) | | (84) | (31) | (150) |
| Outstanding letters of credit | | (78) | | (69) | | (4) | | (2) | | (1) | _ | _ |
| Tax-exempt bonds | | (116) | | _ | | (35) | | _ | | _ | _ | (81) |
| Coal ash set-aside | | (500) | | _ | | (250) | | (250) | | _ | _ | _ |
| Available capacity | \$ | 5,634 | \$ | 2,354 | \$ | 511 | \$ | 598 | \$ | 865 | \$ 419 | \$ 369 |

- (a) Includes amounts related to Piedmont's \$850 million credit facility.
- (b) Represents the sublimit of each borrower.
- (c) Duke Energy issued \$625 million of commercial paper and loaned the proceeds through the money pool to Duke Energy Carolinas, Duke Energy Progress, Duke Energy Ohio and Duke Energy Indiana. The balances are classified as Long-Term Debt Payable to Affiliated Companies in the Consolidated Balance Sheets.

Term Loan Facility

In 2016, Duke Energy (Parent) entered into a \$1.5 billion term loan facility, as amended (Term Loan) maturing on July 31, 2017. During 2016, Duke Energy (Parent) drew the full amount available under the Term Loan and used \$750 million of proceeds to fund a portion of the Piedmont acquisition and the remaining \$750 million to manage short-term liquidity and for general corporate purposes. The terms and conditions of the Term Loan are generally consistent with those governing Duke Energy's Master Credit Facility. In December 2016, Duke Energy (Parent) repaid the \$1.5 billion term loan which terminated this credit facility.

Other Debt Matters

In September 2016, Duke Energy filed a Registration statement (Form S-3) with the SEC. Under this Form S-3, which is uncapped, the Duke Energy Registrants, excluding Progress Energy, may issue debt and other securities in the future at amounts, prices and with terms to be determined at the time of future offerings. The registration statement was filed to replace a similar prior filing upon expiration of its three-year term and also allows for the issuance of common stock by Duke Energy.

Duke Energy has an effective Form S-3 with the SEC to sell up to \$3 billion of variable denomination floating-rate demand notes, called PremierNotes. The Form S-3 states that no more than \$1.5 billion of the notes will be outstanding at any particular time. The notes are offered on a continuous basis and bear interest at a floating rate per annum determined by the Duke Energy PremierNotes Committee, or its designee, on a weekly basis. The interest rate payable on notes held by an investor may vary based on the principal amount of the investment. The notes have no stated maturity date, are non-transferable and may be redeemed in whole or in part by Duke Energy or at the investor's option at any time. The balance as of December 31, 2016 and 2015 was \$1,090 million and \$1,121 million, respectively. The notes are short-term debt obligations of Duke Energy and are reflected as Notes payable and commercial paper on Duke Energy's Consolidated Balance Sheets.

In January 2017, Duke Energy amended its Form S-3 to add Piedmont as a registrant and included in the amendment a prospectus for Piedmont under which it may issue debt securities in the same manner as other Duke Energy Registrants.

Duke Energy guaranteed debt issued by Duke Energy Carolinas of \$762 million and \$767 million, respectively, as of December 31, 2016 and 2015.

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|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | | | |
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| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | |

Money Pool

The Subsidiary Registrants, excluding Progress Energy, are eligible to receive support for their short-term borrowing needs through participation with Duke Energy and certain of its subsidiaries in a money pool arrangement. Under this arrangement, those companies with short-term funds may provide short-term loans to affiliates participating in this arrangement. The money pool is structured such that the Subsidiary Registrants, excluding Progress Energy, separately manage their cash needs and working capital requirements. Accordingly, there is no net settlement of receivables and payables between money pool participants. Duke Energy (Parent), may loan funds to its participating subsidiaries, but may not borrow funds through the money pool. Accordingly, as the money pool activity is between Duke Energy and its wholly owned subsidiaries, all money pool balances are eliminated within Duke Energy's Consolidated Balance Sheets.

Money pool receivable balances are reflected within Notes receivable from affiliated companies on the Subsidiary Registrants' Consolidated Balance Sheets. Money pool payable balances are reflected within either Notes payable to affiliated companies or Long-Term Debt Payable to Affiliated Companies on the Subsidiary Registrants' Consolidated Balance Sheets.

Restrictive Debt Covenants

The Duke Energy Registrants' debt and credit agreements contain various financial and other covenants. Duke Energy's Master Credit Facility contains a covenant requiring the debt-to-total capitalization ratio not to exceed 65 percent for each borrower. Piedmont's credit facility contains a debt-to-total capitalization ratio covenant not to exceed 70 percent. Failure to meet those covenants beyond applicable grace periods could result in accelerated due dates and/or termination of the agreements. As of December 31, 2016, each of the Duke Energy Registrants were in compliance with all covenants related to their debt agreements. In addition, some credit agreements may allow for acceleration of payments or termination of the agreements due to nonpayment, or acceleration of other significant indebtedness of the borrower or some of its subsidiaries. None of the debt or credit agreements contain material adverse change clauses.

Other Loans

As of December 31, 2016 and 2015, Duke Energy had loans outstanding of \$661 million, including \$39 million at Duke Energy Progress and \$629 million, including \$41 million at Duke Energy Progress, respectively, against the cash surrender value of life insurance policies it owns on the lives of its executives. The amounts outstanding were carried as a reduction of the related cash surrender value that is included in Other within Investments and Other Assets on the Consolidated Balance Sheets.

7. GUARANTEES AND INDEMNIFICATIONS

Duke Energy and Progress Energy have various financial and performance guarantees and indemnifications, which are issued in the normal course of business. As discussed below, these contracts include performance guarantees, stand-by letters of credit, debt guarantees, surety bonds and indemnifications. Duke Energy and Progress Energy enter into these arrangements to facilitate commercial transactions with third parties by enhancing the value of the transaction to the third party. At December 31, 2016, Duke Energy and Progress Energy do not believe conditions are likely for significant performance under these guarantees. To the extent liabilities are incurred as a result of the activities covered by the guarantees, such liabilities are included on the accompanying Consolidated Balance Sheets.

On January 2, 2007, Duke Energy completed the spin-off of its natural gas businesses to shareholders. Guarantees issued by Duke Energy or its affiliates, or assigned to Duke Energy prior to the spin-off, remained with Duke Energy subsequent to the spin-off. Guarantees issued by Spectra Energy Capital, LLC (Spectra Capital) or its affiliates prior to the spin-off remained with Spectra Capital subsequent to the spin-off, except for guarantees that were later assigned to Duke Energy. Duke Energy has indemnified Spectra Capital against any losses incurred under certain of the guarantee obligations that remain with Spectra Capital. At December 31, 2016, the maximum potential amount of future payments associated with these guarantees was \$205 million, the majority of which expires by 2028.

Duke Energy has issued performance guarantees to customers and other third parties that guarantee the payment and performance of other parties, including certain non-wholly owned entities, as well as guarantees of debt of certain non-consolidated entities and less than wholly owned consolidated entities. If such entities were to default on payments or performance, Duke Energy would be required under the guarantees to make payments on the obligations of the less than wholly owned entity. The maximum potential amount of future payments required under these guarantees as of December 31, 2016, was \$333 million. Of this amount, \$11 million relates to guarantees issued on behalf of less than wholly owned consolidated entities, with the remainder related to guarantees issued on behalf of third parties and unconsolidated affiliates of Duke Energy. Of the guarantees noted above, \$215 million of the guarantees expire between 2017 and 2033, with the remaining performance guarantees having no contractual expiration.

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Duke Energy has guaranteed certain issuers of surety bonds, obligating itself to make payment upon the failure of a wholly owned and former non-wholly owned entity to honor its obligations to a third party. Under these arrangements, Duke Energy has payment obligations that are triggered by a draw by the third party or customer due to the failure of the wholly owned or former non-wholly owned entity to perform according to the terms of its underlying contract. At December 31, 2016, Duke Energy had guaranteed \$44 million of outstanding surety bonds, most of which have no set expiration.

Duke Energy uses bank-issued stand-by letters of credit to secure the performance of wholly owned and non-wholly owned entities to a third party or customer. Under these arrangements, Duke Energy has payment obligations to the issuing bank which are triggered by a draw by the third party or customer due to the failure of the wholly owned or non-wholly owned entity to perform according to the terms of its underlying contract. At December 31, 2016, Duke Energy had issued a total of \$485 million in letters of credit, which expire between 2017 and 2020. The unused amount under these letters of credit was \$77 million.

Duke Energy and Progress Energy have issued indemnifications for certain asset performance, legal, tax and environmental matters to third parties, including indemnifications made in connection with sales of businesses. At December 31, 2016, the estimated maximum exposure for these indemnifications was \$96 million, the majority of which expires in 2017. Of this amount, \$7 million has no contractual expiration. For certain matters for which Progress Energy receives timely notice, indemnity obligations may extend beyond the notice period. Certain indemnifications related to discontinued operations have no limitations as to time or maximum potential future payments.

The following table includes the liabilities recognized for the guarantees discussed above. These amounts are primarily recorded in Other within Deferred Credits and other Liabilities on the Consolidated Balance Sheets. As current estimates change, additional losses related to guarantees and indemnifications to third parties, which could be material, may be recorded by the Duke Energy Registrants in the future.

| | December | 31, |
|---------------------|--------------|------|
| (in millions) | 2016 | 2015 |
| Duke Energy | \$ 13 \$ | 21 |
| Progress Energy | _ | 7 |
| Duke Energy Florida | - | 7 |

8. JOINT OWNERSHIP OF GENERATING AND TRANSMISSION FACILITIES

The Duke Energy Registrants maintain ownership interests in certain jointly owned generating and transmission facilities. The Duke Energy Registrants are entitled to a share of the generating capacity and output of each unit equal to their respective ownership interests. The Duke Energy Registrants pay their ownership share of additional construction costs, fuel inventory purchases and operating expenses. The Duke Energy Registrants share of revenues and operating costs of the jointly owned facilities is included within the corresponding line in the Consolidated Statements of Operations. Each participant in the jointly owned facilities must provide its own financing.

The following table presents the Duke Energy Registrants' interest of jointly owned plant or facilities and amounts included on the Consolidated Balance Sheets. All facilities are operated by the Duke Energy Registrants and are included in the Electric Utilities and Infrastructure segment.

| Name of Respondent | This Report is: | | Year/Period of Report | | | |
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| | | December 31, 2016 | | | | |
|--|-----------|-------------------|--------------|--------------|--|--|
| | | | | Construction | | |
| | Ownership | Property, Plant | Accumulated | Work in | | |
| (in millions except for ownership interest) | Interest | and Equipment | Depreciation | Progress | | |
| Duke Energy Carolinas | | | | | | |
| Catawba Nuclear Station (units 1 and 2) ^(a) | 19.25% | \$ 954 | \$ 612 | \$ 12 | | |
| Duke Energy Ohio | | | | | | |
| Transmission facilities ^(b) | Various | 90 | 60 | 1 | | |
| Duke Energy Indiana | | | | | | |
| Gibson Station (unit 5)(C) | 50.05% | 333 | 157 | 11 | | |
| Vermillion Generating Station(d) | 62.5% | 154 | 111 | _ | | |
| Transmission and local facilities(C) | Various | 4,315 | 1,715 | _ | | |

- (a) Jointly owned with North Carolina Municipal Power Agency Number 1, NCEMC and Piedmont Municipal Power Agency.
- (b) Jointly owned with America Electric Power Generation Resources and The Dayton Power and Light Company.
- (c) Jointly owned with Wabash Valley Power Association, Inc. (WVPA) and Indiana Municipal Power Agency.
- (d) Jointly owned with WVPA.

On August 31, 2016, Duke Energy Florida completed the purchase of Georgia Power Company's (GPC) ownership interest in Intercession City Station Unit 11 for an amount equal to GPC's net book value of the facility as of the transaction close date. Following the purchase, Duke Energy Florida controls the entire output of the facility.

At December 31, 2016, Duke Energy Florida owns 100 percent of the retired Crystal River Unit 3. Duke Energy Florida completed the purchase of 1.7 percent ownership interest from Seminole Electric Cooperative, Inc. on November 30, 2016. On October 30, 2015, Duke Energy Florida completed the purchase of 6.52 percent ownership interest from the Florida Municipal Joint Owners and settled other disputes for \$55 million. All costs associated with Crystal River Unit 3 are included within Regulatory assets on the Consolidated Balance Sheets of Duke Energy, Progress Energy and Duke Energy Florida. See Note 4 for additional information.

9. ASSET RETIREMENT OBLIGATIONS

Duke Energy records an ARO when it has a legal obligation to incur retirement costs associated with the retirement of a long-lived asset and the obligation can be reasonably estimated. Certain assets of the Duke Energy Registrants' have an indeterminate life, such as transmission and distribution facilities, and thus the fair value of the retirement obligation is not reasonably estimable. A liability for these AROs will be recorded when a fair value is determinable.

The Duke Energy Registrants' regulated operations accrue costs of removal for property that does not have an associated legal retirement obligation based on regulatory orders from state commissions. These costs of removal are recorded as a regulatory liability in accordance with regulatory accounting treatment. The Duke Energy Registrants do not accrue the estimated cost of removal for any nonregulated assets. See Note 4 for the estimated cost of removal for assets without an associated legal retirement obligation, which are included in Regulatory liabilities on the Consolidated Balance Sheets.

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| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | |

The following table presents the AROs recorded on the Consolidated Balance Sheets.

| | December 31, 2016 | | | | | | | | | |
|--|-------------------|----|----------|----|----------|-------------|-----------|----------|----|---------|
| | | | Duke | | | Duke | Duke | Duke | | Duke |
| | Duke | | Energy | | Progress | Energy | Energy | Energy | | Energy |
| (in millions) | Energy | C | arolinas | | Energy | Progress | Florida | Ohio | | Indiana |
| Decommissioning of Nuclear Power Facilities(a) | \$ 5,204 | \$ | 1,834 | \$ | 3,172 | \$ 2,454 | \$ 717 | \$ _ | \$ | _ |
| Closure of Ash Impoundments | 5,150 | | 2,032 | | 2,228 | 2,209 | 19 | 43 | | 847 |
| Other(b) | 257 | | 29 | | 75 | 34 | 42 | 34 | | 19 |
| Total asset retirement obligation | \$ 10,611 | \$ | 3,895 | \$ | 5,475 | \$ 4,697 | \$ 778 | \$ 77 | \$ | 866 |
| Less: current portion | 411 | | 222 | | 189 | 189 | _ | _ | | _ |
| Total noncurrent asset retirement obligation | \$ 10,200 | \$ | 3,673 | \$ | 5,286 | \$ 4,508 | \$ 778 | \$ 77 | \$ | 866 |

- (a) The Duke Energy amount includes purchase accounting adjustments related to the merger with Progress Energy.
- (b) Primarily includes obligations related to asbestos removal and the closure of certain landfills at fossil generation facilities. Duke Energy Ohio also includes AROs related to the retirement of natural gas mains and services. Duke Energy includes AROs related to the removal of renewable energy generation assets and Piedmont's underground natural gas mains and services.

North Carolina Ash Basins

AROs recorded on the Duke Energy Carolinas and Duke Energy Progress Consolidated Balance Sheets include the legal obligation for closure of coal ash basins and the disposal of related ash as a result of the Coal Ash Act, the EPA CCR rule and other agreements.

In 2014 the Coal Ash Act became law and was amended on June 24, 2015, and July 14, 2016. The Coal Ash Act, as amended,

- · Prohibits construction of new and expansion of existing ash impoundments and use of existing impoundments at retired facilities;
- Requires ash impoundments in North Carolina to be categorized as high risk, intermediate risk or low risk by the NCDEQ with the method of closure
 and timing to be based upon the assigned risk, with closure no later than December 31, 2029 (see below for category descriptions);
- · Classifies Duke Energy Progress' Asheville and Sutton plants and Duke Energy Carolinas' Riverbend and Dan River stations as high risk;
- Requires dry disposal of fly ash at active plants, excluding the Asheville Plant, not retired by December 31, 2018;
- Requires dry disposal of bottom ash at active plants, excluding the Asheville Plant, by December 31, 2019, or retirement of active plants;
- · Establishes requirements to deal with groundwater and surface water impacts from impoundments; and
- Increases the level of regulation for structural fills utilizing coal ash.

High risk basins (Asheville, Sutton, Riverbend and Dan River) require closure through excavation, including a combination of transferring the ash to an appropriate engineered landfill or conversion of the ash for beneficial use. Closure of high risk basins is required to be completed no later than August 1, 2019, except for Asheville which is required to be completed no later than August 1, 2022.

Intermediate risk basins require closure through excavation including a combination of converting the basin to a lined industrial landfill, transferring of the ash to an appropriate engineered landfill or conversion of the ash for beneficial use. Closure of intermediate risk basins is required to be completed no later than December 31, 2024, except for H.F. Lee, Cape Fear and Weatherspoon to be completed no later than August 1, 2028.

Low risk basins require closure through either the combination of the installation and maintenance of a cap system and groundwater monitoring system designed to minimize infiltration and erosion or other closure options available to intermediate risk basins. Closure of low risk basins is required to be completed no later than December 31, 2029.

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In January 2016, the NCDEQ published draft risk classifications for sites not specifically delineated by the Coal Ash Act as high risk. These risk rankings were generally determined based on three primary criteria: structural integrity of the impoundments and impacts to surface water and to groundwater. The NCDEQ's draft proposed classifications categorized 12 basins at four sites as intermediate risk and four basins at three sites as low risk. The NCDEQ's draft proposed classifications also categorized nine basins at six sites as "low-to-intermediate" risk, thereby not assigning a definitive risk ranking at that time. On May 18, 2016, the NCDEQ issued new proposed risk classifications, proposing to rank all originally proposed low risk and "low-to-intermediate" risk sites as intermediate.

On July 14, 2016, the former governor of North Carolina signed legislation which amended the Coal Ash Act and required Duke Energy to undertake dam improvement projects and to provide access to a permanent alternative drinking water source to certain residents within a half mile of coal ash basin compliance boundaries and to certain other potentially impacted residents. The new legislation also ranks basins at the H.F. Lee, Cape Fear and Weatherspoon stations as intermediate risk consistent with Duke Energy's previously announced plans to excavate those basins. These specific intermediate basins require closure through excavation including a combination of transferring ash to an appropriate engineered landfill or conversion of the ash for beneficial use. Closure of these specific intermediate basins is required to be completed no later than August 1, 2028. Upon satisfactory completion of the dam improvement projects and installation of alternative drinking water sources by October 15, 2018, the legislation requires the NCDEQ to reclassify sites proposed as intermediate risk, excluding H.F. Lee, Cape Fear and Weatherspoon, as low risk. In January 2017, NCDEQ issued preliminary approval of Duke Energy's plans for the alternative water sources.

Per the Coal Ash Act, final proposed classifications were to be subject to Coal Ash Management Commission (Coal Ash Commission) approval. In March 2016, the Coal Ash Commission created by the Coal Ash Act was disbanded by the former governor of North Carolina based on a North Carolina Supreme Court ruling regarding the constitutionality of the body. The July 2016 legislation eliminates the Coal Ash Commission and transfers responsibility for ash basin closure oversight to the NCDEQ.

Additionally, the July 2016 legislation requires the installation and operation of three large-scale coal ash beneficiation projects which are expected to produce reprocessed ash for use in the concrete industry. Closure of basins at sites with these beneficiation projects are required to be completed no later than December 31, 2029. On October 5, 2016, Duke Energy announced Buck Steam Station as a first location for one of the beneficiation projects. On December 13, 2016, Duke Energy announced H.F. Lee as the second location. Duke Energy intends to announce the third location by July 1, 2017.

The Coal Ash Act includes a variance procedure for compliance deadlines and other issues surrounding the management of CCR and CCR surface impoundments. Provisions of the Coal Ash Act prohibit cost recovery in customer rates for unlawful discharge of ash impoundment waters occurring after January 1, 2014. The Coal Ash Act leaves the decision on cost recovery determinations related to closure of ash impoundments to the normal ratemaking processes before utility regulatory commissions. Consistent with the requirements of the Coal Ash Act, Duke Energy has submitted CSAs and groundwater corrective action plans to NCDEQ and will submit to NCDEQ site-specific coal ash impoundment closure plans in advance of closure. These plans and all associated permits must be approved by NCDEQ before any closure work can begin.

Federal Coal Combustion Residuals Regulation

In April 2015, the EPA published a rule to regulate the disposal of CCR from electric utilities as solid waste. The federal regulation classifies CCR as nonhazardous waste and allows for beneficial use of CCR with some restrictions. The regulation applies to all new and existing landfills, new and existing surface impoundments receiving CCR and existing surface impoundments that are no longer receiving CCR but contain liquid located at stations currently generating electricity (regardless of fuel source). The rule establishes requirements regarding landfill design, structural integrity design and assessment criteria for surface impoundments, groundwater monitoring and protection procedures and other operational and reporting procedures to ensure the safe disposal and management of CCR. As a result of the EPA rule, Duke Energy Carolinas, Progress Energy, Duke Energy Progress, Duke Energy Ohio and Duke Energy Indiana recorded additional ARO amounts during 2015.

In addition to the requirements of the federal CCR regulation, CCR landfills and surface impoundments will continue to be independently regulated by most states.

In September 2014, Duke Energy Carolinas executed a consent agreement with the South Carolina Department of Health and Environmental Control (SCDHEC) requiring the excavation of an inactive ash basin and ash fill area at the W.S. Lee Steam Station. As part of this agreement, in December 2014, Duke Energy Carolinas filed an ash removal plan and schedule with SCDHEC. In April 2015, the federal CCR rules were published and Duke Energy Carolinas subsequently executed an agreement with the conservation groups Upstate Forever and Save Our Saluda that requires Duke Energy Carolinas to remediate all active and inactive ash storage areas at the W.S. Lee Steam Station. Coal-fired generation at W.S. Lee ceased in 2014 and unit 3 was converted to natural gas in March 2015. In July 2015, Duke Energy Progress executed a consent agreement with the SCDHEC requiring the excavation of an inactive ash fill area at the Robinson Plant within eight years. Coal ash impoundments at the Robinson Plant and W.S. Lee Station sites are required to be closed pursuant to the CCR rule and the provisions of these consent agreements are consistent with the federal CCR closure requirements.

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Coal Ash Liability

The ARO amount recorded on the Consolidated Balance Sheets is based upon estimated closure costs for impacted ash impoundments. The amount recorded represents the discounted cash flows for estimated closure costs based upon either specific closure plans or the probability weightings of the potential closure methods as evaluated on a site-by-site basis. Actual costs to be incurred will be dependent upon factors that vary from site to site. The most significant factors are the method and time frame of closure at the individual sites. Closure methods considered include removing the water from the basins, consolidating material as necessary and capping the ash with a synthetic barrier, excavating and relocating the ash to a lined structural fill or lined landfill, or recycling the ash for concrete or some other beneficial use. The ultimate method and timetable for closure will be in compliance with standards set by federal and state regulations. The ARO amount will be adjusted as additional information is gained through the closure and post-closure process, including acceptance and approval of compliance approaches which may change management assumptions, and may result in a material change to the balance. See ARO Liability Rollforward section below for information about revisions made to the coal ash liability during 2016.

Asset retirement costs associated with the AROs for operating plants and retired plants are included in Net property, plant and equipment and Regulatory assets, respectively, on the Consolidated Balance Sheets. See Note 4 for additional information on Regulatory assets related to AROs.

Cost recovery for future expenditures will be pursued through the normal ratemaking process with federal and state utility commissions, which permit recovery of necessary and prudently incurred costs associated with Duke Energy's regulated operations.

Nuclear Decommissioning Liability

AROs related to nuclear decommissioning are based on site-specific cost studies. The NCUC, PSCSC and FPSC require updated cost estimates for decommissioning nuclear plants every five years.

The following table summarizes information about the most recent site-specific nuclear decommissioning cost studies. Decommissioning costs in the table below are presented in dollars of the year of the cost study and include costs to decommission plant components not subject to radioactive contamination.

| | Annual Funding | Decom | nmissioning | |
|-----------------------|----------------------------|-------|-------------|--------------------|
| (in millions) | Requirement ^(a) | | Costs(a)(b) | Year of Cost Study |
| Duke Energy | \$ 14 | \$ | 8,150 | 2013 and 2014 |
| Duke Energy Carolinas | _ | | 3,420 | 2013 |
| Duke Energy Progress | 14 | | 3,550 | 2014 |
| Duke Energy Florida | _ | | 1,180 | 2013 |

- (a) Amounts for Progress Energy equal the sum of Duke Energy Progress and Duke Energy Florida.
- (b) Amounts include the Subsidiary Registrant's ownership interest in jointly owned reactors. Other joint owners are responsible for decommissioning costs related to their interest in the reactors.

Nuclear Decommissioning Trust Funds

Duke Energy Carolinas, Duke Energy Progress and Duke Energy Florida each maintain NDTFs that are intended to pay for the decommissioning costs of the respective nuclear power plants. The NDTF investments are managed and invested in accordance with applicable requirements of various regulatory bodies including the NRC, FERC, NCUC, PSCSC, FPSC and the Internal Revenue Service (IRS).

Use of the NDTF investments is restricted to nuclear decommissioning activities including license termination, spent fuel and site restoration. The license termination and spent fuel obligations relate to contaminated decommissioning and are recorded as AROs. The site restoration obligation relates to non-contaminated decommissioning and is recorded to cost of removal within Regulatory liabilities on the Consolidated Balance Sheets.

The following table presents the fair value of NDTF assets legally restricted for purposes of settling AROs associated with nuclear decommissioning. Duke Energy Florida is actively decommissioning Crystal River Unit 3 and was granted an exemption from the NRC which allows for use of the NDTF for all aspects of nuclear decommissioning. Therefore, the entire balance of Duke Energy Florida's NDTF may be applied toward license termination, spent fuel and site restoration costs incurred to decommission Crystal River Unit 3.

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| | Decemb | per 31, |
|-----------------------|-------------|----------|
| (in millions) | 2016 | 2015 |
| Duke Energy | \$ 5,099 | \$ 4,670 |
| Duke Energy Carolinas | 2,882 | 2,686 |
| Duke Energy Progress | 2,217 | 1,984 |

See Note 16 for additional information related to the fair value of the Duke Energy Registrants' NDTFs.

Nuclear Operating Licenses

Operating licenses for nuclear units are potentially subject to extension. The following table includes the current expiration of nuclear operating licenses.

| Unit | Year of Expiration |
|-----------------------|--------------------|
| Duke Energy Carolinas | |
| Catawba Units 1 and 2 | 2043 |
| McGuire Unit 1 | 2041 |
| McGuire Unit 2 | 2043 |
| Oconee Units 1 and 2 | 2033 |
| Oconee Unit 3 | 2034 |
| Duke Energy Progress | |
| Brunswick Unit 1 | 2036 |
| Brunswick Unit 2 | 2034 |
| Harris | 2046 |
| Robinson | 2030 |

Duke Energy Florida has requested the NRC terminate the operating license for Crystal River Unit 3 as it permanently ceased operation in February 2013. Refer to Note 4 for further information on the Crystal River Unit 3 decommissioning activity and transition to SAFSTOR.

ARO Liability Rollforward

During 2016, the Duke Energy Registrants updated coal ash ARO liability estimates based on additional site-specific information about the related costs, methods and timing of work to be performed. Actual closure costs incurred could be materially different from current estimates that form the basis of the recorded AROs.

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|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | | |
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The following table presents changes in the liability associated with AROs.

| | | Duke | | Duke | Duke | Duke | Duke |
|---|-----------------|-----------|-------------|-------------|--------------|----------|-----------|
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Balance at December 31, 2014 | \$ 8,464 \$ | 3,428 | \$ 4,711 | \$ 3,905 | \$ 806 | \$ 27 | \$ 32 |
| Acquisitions(a) | 226 | _ | 226 | 204 | 23 | _ | _ |
| Accretion expense(b) | 380 | 165 | 203 | 169 | 34 | 4 | 15 |
| Liabilities settled(c) | (422) | (200) | (195) | (125) | (70) | (4) | (23) |
| Liabilities incurred in the current year(d) | 1,016 | 178 | 282 | 282 | _ | 116 | 418 |
| Revisions in estimates of cash flows | 585 | 347 | 142 | 132 | 9 | (18) | 83 |
| Balance at December 31, 2015 | 10,249 | 3,918 | 5,369 | 4,567 | 802 | 125 | 525 |
| Acquisitions | 22 | _ | 2 | _ | 2 | _ | _ |
| Accretion expense(b) | 400 | 187 | 230 | 194 | 35 | 5 | 24 |
| Liabilities settled(c) | (613) | (287) | (272) | (212) | (60) | (5) | (49) |
| Liabilities incurred in the current year | 51 | _ | 3 | 3 | _ | _ | 29 |
| Revisions in estimates of cash flows | 502 | 77 | 143 | 145 | (1) | (48) | 337 |
| Balance at December 31, 2016 | \$ 10,611 \$ | 3,895 | \$ 5,475 | \$ 4,697 | \$ 778 \$ | \$ 77 | \$ 866 |

⁽a) Duke Energy Progress amount relates to the NCEMPA acquisition. See Note 2 for additional information.

⁽b) Substantially all accretion expense for the years ended December 31, 2016 and 2015 relates to Duke Energy's regulated electric operations and has been deferred in accordance with regulatory accounting treatment.

⁽c) Amounts primarily relate to ash impoundment closures and nuclear decommissioning of Crystal River Unit 3.

⁽d) Amounts primarily relate to AROs recorded as a result of the EPA's rule for disposal of CCR.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

10. PROPERTY, PLANT AND EQUIPMENT

The following tables summarize the property, plant and equipment for Duke Energy and its subsidiary registrants.

| | | | | | ecember | r 31, : | 2016 | | | |
|---|-----------|--------------|-----------|----|----------|---------|---------|--------------|-------------|-------------|
| | Estimated | | | | | | | | | |
| | Useful | | Duke | | | | Duke | Duke | Duke | Duke |
| | Life | Duke | Energy | P | rogress | E | Energy | Energy | Energy | Energy |
| (in millions) | (Years) | Energy | Carolinas | | Energy | Pro | ogress | Florida | Ohio | Indiana |
| Land | | \$ 1,501 | \$ 432 | \$ | 735 | \$ | 393 | \$ 342 | \$ 150 | \$ 106 |
| Plant – Regulated | | | | | | | | | | |
| Electric generation, distribution and transmission | 8 - 100 | 89,864 | 34,515 | | 37,596 | | 23,683 | 13,913 | 4,593 | 13,160 |
| Natural gas transmission and distribution | 12 - 67 | 7,738 | _ | | _ | | _ | _ | 2,456 | _ |
| Other buildings and improvements | 15 - 100 | 1,692 | 502 | | 634 | | 293 | 341 | 211 | 197 |
| Plant – Nonregulated | | | | | | | | | | |
| Electric generation, distribution and transmission | 5 - 30 | 4,298 | _ | | _ | | _ | _ | _ | _ |
| Other buildings and improvements | 25 - 35 | 421 | _ | | _ | | _ | _ | _ | _ |
| Nuclear fuel | | 3,572 | 2,092 | | 1,480 | | 1,480 | _ | _ | _ |
| Equipment | 3 - 38 | 1,941 | 358 | | 505 | | 378 | 127 | 338 | 156 |
| Construction in process | | 6,186 | 2,324 | | 2,708 | | 1,329 | 1,379 | 206 | 396 |
| Other | 5 - 40 | 4,184 | 904 | | 1,206 | | 863 | 332 | 172 | 226 |
| Total property, plant and equipment(a)(d) | | 121,397 | 41,127 | | 44,864 | | 28,419 | 16,434 | 8,126 | 14,241 |
| Total accumulated depreciation – regulated(b)(c)(d) | | (37,831) | (14,365) | | (15,212) | (| 10,561) | (4,644) | (2,579) | (4,317) |
| Total accumulated depreciation – nonregulated(c)(d) | | (1,575) | _ | | _ | | _ | _ | _ | _ |
| Generation facilities to be retired, net | | 529 | _ | | 529 | | 529 | _ | _ | _ |
| Total net property, plant and equipment | | \$ 82,520 | \$ 26,762 | \$ | 30,181 | \$ | 18,387 | \$ 11,790 | \$ 5,547 | \$ 9,924 |

- (a) Includes capitalized leases of \$1,355 million, \$40 million, \$288 million, \$142 million, \$146 million, \$81 million and \$35 million at Duke Energy, Duke Energy Carolinas, Progress Energy, Duke Energy Progress, Duke Energy Florida, Duke Energy Ohio and Duke Energy Indiana, respectively, primarily within Plant Regulated. The Progress Energy, Duke Energy Progress and Duke Energy Florida amounts are net of \$99 million, \$9 million and \$90 million, respectively, of accumulated amortization of capitalized leases.
- (b) Includes \$1,922 million, \$1,192 million, \$730 million and \$730 million of accumulated amortization of nuclear fuel at Duke Energy, Duke Energy Carolinas, Progress Energy and Duke Energy Progress, respectively.
- (c) Includes accumulated amortization of capitalized leases of \$50 million, \$9 million, \$19 million and \$8 million at Duke Energy, Duke Energy Carolinas, Duke Energy Ohio and Duke Energy Indiana, respectively.
- (d) Includes gross property, plant and equipment cost of consolidated VIEs of \$2,591 million and accumulated depreciation of consolidated VIEs of \$411 million at Duke Energy.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

| | | | | | D | Decembe | 31, 201 | 5 | | | |
|---|---------------------|--------|-------|-----------|----|----------|---------|-------|-----------|----------|--------|
| | Estimated Useful | | | Duke | | | Du | ke | Duke | Duke | Du |
| | Life | D | uke | Energy | Р | rogress | Enei | gy | Energy | Energy | Ener |
| (in millions) | (Years) | Ene | ergy | Carolinas | | Energy | Progre | ss | Florida | Ohio | India |
| Land | | | ,391 | \$ 407 | \$ | 719 | \$ 3 | 92 \$ | \$ 327 | \$ 118 | \$ 1 |
| Plant – Regulated | | | | | | | | | | | |
| Electric generation, distribution and transmission | 8 - 100 | 87, | ,593 | 33,623 | | 36,422 | 22,8 | 88 | 13,534 | 4,429 | 13,1 |
| Natural gas transmission and distribution | 12 - 67 | 2 | ,322 | _ | | _ | | _ | _ | 2,322 | |
| Other buildings and improvements | 15 - 100 | 1, | ,480 | 477 | | 621 | 2 | 94 | 322 | 204 | 1 |
| Plant – Nonregulated | | | | | | | | | | | |
| Electric generation, distribution and transmission | 1 - 30 | 3, | ,348 | _ | | _ | | _ | _ | _ | |
| Other buildings and improvements | 25 - 35 | | 410 | _ | | _ | | _ | _ | _ | |
| Nuclear fuel | | 3, | ,194 | 1,827 | | 1,367 | 1,3 | 67 | _ | _ | |
| Equipment | 3 - 38 | 1, | ,736 | 368 | | 530 | 3 | 98 | 132 | 344 | 1 |
| Construction in process | | 4, | ,485 | 1,860 | | 1,827 | 1,1 | 18 | 709 | 180 | 2 |
| Other | 5 - 60 | 4 | ,008 | 836 | | 1,180 | 8 | 56 | 319 | 153 | 2 |
| Total property, plant and equipment(a)(d) | | 109 | ,967 | 39,398 | | 42,666 | 27,3 | 13 | 15,343 | 7,750 | 14,0 |
| Total accumulated depreciation – regulated(b)(c)(d) | | (35, | ,367) | (13,521) | | (14,867) | (10,1 | 41) | (4,720) | (2,507) | (4,4 |
| Total accumulated depreciation – nonregulated(c)(d) | | (1, | ,369) | _ | | _ | | _ | _ | _ | |
| Generation facilities to be retired, net | | | 548 | _ | | 548 | 5 | 48 | _ | _ | |
| Total net property, plant and equipment | | \$ 73. | ,779 | \$ 25,877 | \$ | 28,347 | \$ 17.7 | 20 : | \$ 10,623 | \$ 5,243 | \$ 9,5 |

- (a) Includes capitalized leases of \$1,465 million, \$40 million, \$302 million, \$144 million, \$158 million, \$96 million and \$39 million at Duke Energy, Duke Energy Carolinas, Progress Energy, Duke Energy Progress, Duke Energy Florida, Duke Energy Ohio and Duke Energy Indiana, respectively, primarily in regulated plant. The Progress Energy, Duke Energy Progress and Duke Energy Florida amounts are net of \$85 million, \$7 million and \$78 million, respectively, of accumulated amortization of capitalized leases.
- (b) Includes \$1,621 million, \$976 million, \$645 million and \$645 million of accumulated amortization of nuclear fuel at Duke Energy, Duke Energy Carolinas, Progress Energy and Duke Energy Progress, respectively.
- (c) Includes accumulated amortization of capitalized leases of \$57 million, \$11 million, \$27 million and \$7 million at Duke Energy, Duke Energy Carolinas, Duke Energy Ohio and Duke Energy Indiana, respectively.
- (d) Includes gross property, plant and equipment cost of consolidated VIEs of \$2,033 million and accumulated depreciation of consolidated VIEs of \$327 million at Duke Energy.

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|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

The following table presents capitalized interest, which includes the debt component of AFUDC.

| | Years Ended December 31, | | | | | | | | |
|-----------------------|--------------------------|------|-------|-------|--|--|--|--|--|
| (in millions) | | 2016 | 2015 | 2014 | | | | | |
| Duke Energy | \$ | 100 | \$ 98 | \$ 75 | | | | | |
| Duke Energy Carolinas | | 38 | 38 | 38 | | | | | |
| Progress Energy | | 31 | 24 | 11 | | | | | |
| Duke Energy Progress | | 17 | 20 | 10 | | | | | |
| Duke Energy Florida | | 14 | 4 | 1 | | | | | |
| Duke Energy Ohio | | 8 | 10 | 10 | | | | | |
| Duke Energy Indiana | | 7 | 6 | 6 | | | | | |

Operating Leases

Duke Energy's Commercial Renewables segment operates various renewable energy projects and sells the generated output to utilities, electric cooperatives, municipalities and commercial and industrial customers through long-term contracts. In certain situations, these long-term contracts and the associated renewable energy projects qualify as operating leases. Rental income from these leases is accounted for as Operating Revenues in the Consolidated Statements of Operations. There are no minimum lease payments as all payments are contingent based on actual electricity generated by the renewable energy projects. Contingent lease payments were \$216 million, \$172 million and \$164 million for the years ended December 31, 2016, 2015 and 2014. As of December 31, 2016, renewable energy projects owned by Duke Energy and accounted for as operating leases had a cost basis of \$3,127 million and accumulated depreciation of \$347 million. These assets are principally classified as nonregulated electric generation and transmission assets.

11. GOODWILL AND INTANGIBLE ASSETS

Goodwill

The following table presents goodwill by reportable operating segment for Duke Energy.

Duke Energy

| | E | lectric Utilities | Gas Utilities | Comme | rcial | |
|-------------------------------|-----|-------------------|--------------------|--------|-------|-----------|
| (in millions) | and | I Infrastructure | and Infrastructure | Renewa | bles | Total |
| Goodwill at December 31, 2015 | \$ | 15,656 | \$ 294 | \$ | 122 | \$ 16,072 |
| Piedmont Acquisition(a) | | 1,723 | 1,630 | | _ | 3,353 |
| Goodwill at December 31, 2016 | \$ | 17,379 | \$ 1,924 | \$ | 122 | 19,425 |

(a) Refer to Note 2 for more information on the purchase accounting related to the acquisition of Piedmont.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | | | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

Duke Energy Ohio

Duke Energy Ohio's Goodwill balance of \$920 million, allocated \$596 million to Electric Utilities and Infrastructure and \$324 million to Gas Utilities and Infrastructure, is presented net of accumulated impairment charges of \$216 million on the Consolidated Balance Sheets at December 31, 2016 and 2015.

Progress Energy

Progress Energy's Goodwill is included in the Electric Utilities and Infrastructure operating segment and there are no accumulated impairment charges.

Impairment Testing

Duke Energy, Duke Energy Ohio and Progress Energy perform annual goodwill impairment tests each year as of August 31. Duke Energy, Duke Energy Ohio and Progress Energy update their test between annual tests if events or circumstances occur that would more likely than not reduce the fair value of a reporting unit below its carrying value. As the fair value of Duke Energy, Duke Energy Ohio and Progress Energy's reporting units exceeded their respective carrying values at the date of the annual impairment analysis, no impairment charges were recorded.

Intangible Assets

The following tables show the carrying amount and accumulated amortization of intangible assets included in Other within Investments and Other Assets on the Consolidated Balance Sheets of the Duke Energy Registrants at December 31, 2016 and 2015.

| | | | | | De | ce | ember 31, 2 | 010 | 6 | | |
|---|----|--------|----|-----------|----------|----|-------------|-----|---------|---------|----------|
| | | | | Duke | | | Duke | | Duke | Duke | Duke |
| | | Duke | | Energy | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | | Energy | C | Carolinas | Energy | | Progress | | Florida | Ohio | Indiana |
| Emission allowances | \$ | 19 | \$ | 1 | \$ 6 | , | \$ 2 | \$ | 4 | \$ _ | \$ 13 |
| Renewable energy certificates | | 125 | | 36 | 84 | | 84 | | _ | 4 | _ |
| Gas, coal and power contracts | | 24 | | _ | _ | | _ | | _ | _ | 24 |
| Renewable operating and development projects | | 97 | | _ | _ | | _ | | _ | _ | _ |
| Other | _ | 6 | | _ | _ | | _ | | _ | _ | _ |
| Total gross carrying amounts | | 271 | | 37 | 90 | | 86 | | 4 | 4 | 37 |
| Accumulated amortization – gas, coal and power contracts | | (17) | | _ | _ | | _ | | _ | _ | (17) |
| Accumulated amortization – renewable operating and development projects | | (23) | | _ | _ | | _ | | _ | _ | _ |
| Accumulated amortization – other | | (5) | | _ | _ | | _ | | _ | _ | _ |
| Total accumulated amortization | | (45) | | _ | _ | | _ | | _ | _ | (17) |
| Total intangible assets, net | \$ | 226 | \$ | 37 | \$ 90 | , | \$ 86 | \$ | 4 | \$ 4 | \$ 20 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | · · | | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

| | | December 31, 2015 | | | | | | | | | | |
|---|----|-------------------|----|----------|----|----------|----|----------|----|---------|---------|---------|
| | | | | Duke | | | | Duke | | Duke | Duke | Duke |
| | | Duke | | Energy | ı | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | | Energy | С | arolinas | | Energy | | Progress | | Florida | Ohio | Indiana |
| Emission allowances | \$ | 20 | \$ | 1 | \$ | 6 | \$ | 3 2 | \$ | 4 | \$ _ | \$ 14 |
| Renewable energy certificates | | 116 | | 30 | | 80 | | 80 | | _ | 5 | _ |
| Gas, coal and power contracts | | 24 | | _ | | _ | | _ | | _ | _ | 24 |
| Renewable operating and development projects | | 115 | | _ | | _ | | _ | | _ | _ | _ |
| Other | | 2 | | _ | | _ | | _ | | _ | _ | _ |
| Total gross carrying amounts | | 277 | | 31 | | 86 | | 82 | | 4 | 5 | 38 |
| Accumulated amortization – gas, coal and power contracts | | (16) | | _ | | _ | | _ | | _ | _ | (16) |
| Accumulated amortization – renewable operating and development projects | | (18) | | _ | | _ | | _ | | _ | _ | _ |
| Accumulated amortization – other | _ | (1) | | _ | | _ | | _ | | _ | _ | _ |
| Total accumulated amortization | | (35) | | _ | | _ | | _ | | _ | _ | (16) |
| Total intangible assets, net | \$ | 242 | \$ | 31 | \$ | 86 | \$ | 82 | \$ | 4 | \$ 5 | \$ 22 |

Amortization Expense

The following table presents amortization expense for gas, coal and power contracts, renewable operating projects and other intangible assets.

| | | December 31, | | | | |
|---------------------|----|--------------|------|------|--|--|
| (in millions) | • | 2016 | 2015 | 2014 | | |
| Duke Energy | \$ | 6 \$ | 5 \$ | 6 | | |
| Duke Energy Ohio | | _ | _ | 2 | | |
| Duke Energy Indiana | | 1 | 1 | 1 | | |

The table below shows the expected amortization expense for the next five years for intangible assets as of December 31, 2016. The expected amortization expense includes estimates of emission allowances consumption and estimates of consumption of commodities such as gas and coal under existing contracts, as well as estimated amortization related to renewable operating projects. The amortization amounts discussed below are estimates and actual amounts may differ from these estimates due to such factors as changes in consumption patterns, sales or impairments of emission allowances or other intangible assets, delays in the in-service dates of renewable assets, additional intangible acquisitions and other events.

| (in millions) | 2017 | 2018 | 2019 | 2020 | 2021 |
|---------------------|------------|------|------|------|------|
| Duke Energy | \$ 5 \$ | 5 \$ | 5 \$ | 5 \$ | 5 |
| Duke Energy Indiana | 2 | 2 | 2 | 2 | 2 |

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|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

12. INVESTMENTS IN UNCONSOLIDATED AFFILIATES

EQUITY METHOD INVESTMENTS

Investments in domestic and international affiliates that are not controlled by Duke Energy, but over which it has significant influence, are accounted for using the equity method. As of December 31, 2016, the carrying amount of investments in affiliates with carrying amounts greater than zero exceeded the underlying investment by \$24 million. These differences are attributable to intangibles associated with underlying contracts which are reflected in the investments balance and the equity in earnings reported in the table below.

The following table presents Duke Energy's investments in unconsolidated affiliates accounted for under the equity method, as well as the respective equity in earnings, by segment.

| | | Years Ended December 31, | | | | | | | | | |
|---------------------------------------|----|--------------------------|----|----------|----|-------------|------|-----------|------|--------|--|
| | | 2016 | | | _ | 20 | 2014 | | | | |
| | | | E | quity in | | | | Equity in | Equi | ity in | |
| (in millions) | In | vestments | e | arnings | | Investments | | earnings | earn | nings | |
| Electric Utilities and Infrastructure | \$ | 93 | \$ | 5 | \$ | 57 | \$ | (2) | \$ | (1) | |
| Gas Utilities and Infrastructure | | 566 | | 19 | | 113 | | 1 | | _ | |
| Commercial Renewables | | 185 | | (82) | | 265 | | (6) | | 8 | |
| Other | | 81 | | 43 | | 64 | | 76 | | 123 | |
| Total | \$ | 925 | \$ | (15) | \$ | 499 | \$ | 69 | \$ | 130 | |

During the years ended December 31, 2016, 2015 and 2014, Duke Energy received distributions from equity investments of \$31 million, \$104 million and \$154 million, respectively, which are included in Other assets within Cash Flows from Operating Activities on the Consolidated Statements of Cash Flows

Significant investments in affiliates accounted for under the equity method are discussed below.

Electric Utilities and Infrastructure

Duke Energy owns a 50 percent interest in Duke-American Transmission Co. (DATC) and in Pioneer Transmission, LLC (Pioneer), which build, own and operate electric transmission facilities in North America.

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| | (1) X An Original | (Mo, Da, Yr) | - |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued | 1) | |

Gas Utilities and Infrastructure

The table below outlines Duke Energy's ownership interests in natural gas pipeline companies and natural gas storage facilities. See Notes 4 and 17 for more information.

| | | Investment Am | ount (in millions) | | |
|--------------------------------|-----------|---------------|--------------------|--|--|
| | Ownership | December 31, | December 31, | | |
| Entity Name | Interest | 2016 | 2015 | | |
| Pipeline Investments | | | | | |
| Atlantic Coast Pipeline, LLC | 47% | \$ 265 | \$ 52 | | |
| Sabal Trail Transmission, LLC | 7.5% | 140 | 61 | | |
| Constitution Pipeline, LLC | 24% | 82 | _ | | |
| Cardinal Pipeline Company, LLC | 21.49% | 16 | _ | | |
| Storage Facilities | | | | | |
| Pine Needle LNG Company, LLC | 45% | 16 | _ | | |
| Hardy Storage Company, LLC | 50% | 47 | | | |
| Total Investments | | \$ 566 | \$ 113 | | |

For regulatory matters and other information on the ACP, Sabal Trail and Constitution investments, see Notes 4 and 17.

Commercial Renewables

In 2016, Duke Energy sold its interest in three of the Catamount Sweetwater, LLC wind farm projects. Duke Energy has a 47 percent ownership interest in each of the two other Catamount Sweetwater, LLC wind farm projects and 50 percent interest in DS Cornerstone, LLC, which owns wind farm projects in the U.S.

Impairment of Equity Method Investments

During the year ended December 31, 2016, Duke Energy recorded an OTTI of certain wind project investments. The \$71 million pretax impairment was recorded within Equity in earnings (losses) of unconsolidated affiliates on Duke Energy's Consolidated Statements of Operations. The other-than-temporary decline in value of these investments was primarily attributable to a sustained decline in market pricing where the wind investments are located, projected net losses for the projects and a reduction in the projected cash distribution to the class of investment owned by Duke Energy.

Other

Duke Energy owns a 25 percent indirect interest in NMC, which owns and operates a methanol and MTBE business in Jubail, Saudi Arabia. Duke Energy's economic ownership interest will decrease to 17.5 percent upon successful startup of NMC's polyacetal production facility, which is expected to occur in the second quarter of 2017. Duke Energy will retain 25 percent of the board representation and voting rights of NMC. The investment in NMC is accounted for under the equity method of accounting.

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|----------------------------|---------------------------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
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| NOT | ES TO FINANCIAL STATEMENTS (Continued |) | |

13. RELATED PARTY TRANSACTIONS

The Subsidiary Registrants engage in related party transactions in accordance with the applicable state and federal commission regulations. Refer to the Consolidated Balance Sheets of the Subsidiary Registrants for balances due to or due from related parties. Material amounts related to transactions with related parties included in the Consolidated Statements of Operations and Comprehensive Income are presented in the following table.

| | Y | Years Ended December | | | ber : | 31, |
|---|----|----------------------|----|------|-------|------|
| (in millions) | | 016 | | 2015 | | 2014 |
| Duke Energy Carolinas | | | | | | |
| Corporate governance and shared service expenses ^(a) | \$ | 831 | \$ | 914 | \$ | 851 |
| Indemnification coverages(b) | | 22 | | 24 | | 21 |
| JDA revenue(C) | | 38 | | 51 | | 133 |
| JDA expense(c) | | 156 | | 183 | | 198 |
| Progress Energy | | | | | | |
| Corporate governance and shared service expenses ^(a) | \$ | 710 | \$ | 712 | \$ | 732 |
| Indemnification coverages(b) | | 35 | | 38 | | 33 |
| JDA revenue ^(C) | | 156 | | 183 | | 198 |
| JDA expense(c) | | 38 | | 51 | | 133 |
| Intercompany natural gas purchases(d) | | 19 | | _ | | _ |
| Duke Energy Progress | | | | | | |
| Corporate governance and shared service expenses ^(a) | \$ | 397 | \$ | 403 | \$ | 386 |
| Indemnification coverages(b) | | 14 | | 16 | | 17 |
| JDA revenue(c) | | 156 | | 183 | | 198 |
| JDA expense(c) | | 38 | | 51 | | 133 |
| Intercompany natural gas purchases(d) | | 19 | | _ | | _ |
| Duke Energy Florida | | | | | | |
| Corporate governance and shared service expenses ^(a) | \$ | 313 | \$ | 309 | \$ | 346 |
| Indemnification coverages(b) | | 21 | | 22 | | 16 |
| Duke Energy Ohio | | | | | | |
| Corporate governance and shared service expenses ^(a) | \$ | 356 | \$ | 342 | \$ | 316 |
| Indemnification coverages(b) | | 5 | | 6 | | 13 |
| Duke Energy Indiana | | | | | | |
| Corporate governance and shared service expenses(a) | \$ | 366 | \$ | 349 | \$ | 384 |
| Indemnification coverages(b) | | 8 | | 9 | | 11 |

⁽j) The Subsidiary Registrants are charged their proportionate share of corporate governance and other shared services costs, primarily related to human resources, employee benefits, legal and accounting fees, as well as other third-party costs. These amounts are recorded in Operation, maintenance and other on the Consolidated Statements of Operations and Comprehensive Income.

⁽k) The Subsidiary Registrants incur expenses related to certain indemnification coverages through Bison, Duke Energy's wholly owned captive insurance subsidiary. These expenses are recorded in Operation, maintenance and other on the Consolidated Statements of Operations and Comprehensive Income.

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| | (1) X An Original | (Mo, Da, Yr) | • |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

- (I) Duke Energy Carolinas and Duke Energy Progress participate in a JDA which allows the collective dispatch of power plants between the service territories to reduce customer rates. Revenues from the sale of power under the JDA are recorded in Operating Revenues on the Consolidated Statements of Operations and Comprehensive Income. Expenses from the purchase of power under the JDA are recorded in Fuel used in electric generation and purchased power on the Consolidated Statements of Operations and Comprehensive Income.
- (m) Duke Energy Progress purchases natural gas from Piedmont to supply electric generation facilities. These expenses are recorded in Fuel used in electric generation and purchased power on the Consolidated Statements of Operations and Comprehensive Income.

In addition to the amounts presented above, the Subsidiary Registrants record the impact on net income of other affiliate transactions, including rental of office space, participation in a money pool arrangement, other operational transactions and their proportionate share of certain charged expenses. See Note 6 for more information regarding money pool. The net impact of these transactions was not material for the years ended December 31, 2016, 2015 and 2014 for the Subsidiary Registrants.

As discussed in Note 17, certain trade receivables have been sold by Duke Energy Ohio and Duke Energy Indiana to CRC, an affiliate formed by a subsidiary of Duke Energy. The proceeds obtained from the sales of receivables are largely cash but do include a subordinated note from CRC for a portion of the purchase price.

Duke Energy Ohio's nonregulated indirect subsidiary, Duke Energy Commercial Asset Management, LLC (DECAM), owned generating plants included in the Midwest Generation Disposal Group sold to Dynegy on April 2, 2015. On April 1, 2015, Duke Energy Ohio distributed its indirect ownership interest in DECAM to a Duke Energy subsidiary and non-cash settled DECAM's intercompany loan payable of \$294 million.

Refer to Note 2 for further information on the sale of the Midwest Generation Disposal Group.

Intercompany Income Taxes

Duke Energy and its subsidiaries file a consolidated federal income tax return and other state and jurisdictional returns. The Subsidiary Registrants have a tax sharing agreement with Duke Energy for the allocation of consolidated tax liabilities and benefits. Income taxes recorded represent amounts the Subsidiary Registrants would incur as separate C-Corporations. The following table includes the balance of intercompany income tax receivables for the subsidiary registrants.

| | | Duke | | Duke | Duke | Duke | Duke |
|------------------------------------|----|----------|-------------|----------|---------|-------------|---------|
| | _ | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | C | arolinas | Energy | Progress | Florida | Ohio | Indiana |
| December 31, 2016 | | | | | | | |
| Intercompany income tax receivable | \$ | 1 \$ | — \$ | — \$ | 37 \$ | - \$ | _ |
| Intercompany income tax payable | | _ | 37 | 90 | _ | 1 | 3 |
| | | | | | | | |
| December 31, 2015 | | | | | | | |
| Intercompany income tax receivable | \$ | 122 \$ | 120 \$ | 104 \$ | — \$ | 54 \$ | _ |
| Intercompany income tax payable | | _ | _ | _ | 96 | _ | 47 |

14. DERIVATIVES AND HEDGING

The Duke Energy Registrants use commodity and interest rate contracts to manage commodity price risk and interest rate risk. The primary use of commodity derivatives is to hedge the generation portfolio against changes in the prices of electricity and natural gas. Interest rate swaps are used to manage interest rate risk associated with borrowings.

All derivative instruments not identified as NPNS are recorded at fair value as assets or liabilities on the Consolidated Balance Sheets. Cash collateral related to derivative instruments executed under master netting arrangements is offset against the collateralized derivatives on the Consolidated Balance Sheets. The cash impacts of settled derivatives are recorded as operating activities on the Consolidated Statements of Cash Flows.

| Name of Respondent | This Report is: | his Report is: Date of Report | |
|----------------------------|--|-------------------------------|---------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

INTEREST RATE RISK

The Duke Energy Registrants are exposed to changes in interest rates as a result of their issuance or anticipated issuance of variable-rate and fixed-rate debt and commercial paper. Interest rate risk is managed by limiting variable-rate exposures to a percentage of total debt and by monitoring changes in interest rates. To manage risk associated with changes in interest rates, the Duke Energy Registrants may enter into interest rate swaps, U.S. Treasury lock agreements and other financial contracts. In anticipation of certain fixed-rate debt issuances, a series of forward-starting interest rate swaps may be executed to lock in components of current market interest rates. These instruments are later terminated prior to or upon the issuance of the corresponding debt.

Cash Flow Hedges

For a derivative designated as hedging the exposure to variable cash flows of a future transaction, referred to as a cash flow hedge, the effective portion of the derivative's gain or loss is initially reported as a component of other comprehensive income and subsequently reclassified into earnings once the future transaction impacts earnings. Amounts for interest rate contracts are reclassified to earnings as interest expense over the term of the related debt. See the Consolidated Statements of Changes in Equity for gains and losses reclassified out of AOCI for the years ended December 31, 2016 and 2015. Duke Energy's interest rate derivatives designated as hedges include interest rate swaps used to hedge existing debt within the Commercial Renewables business.

Undesignated Contracts

Undesignated contracts include contracts not designated as a hedge because they are accounted for under regulatory accounting and contracts that do not qualify for hedge accounting.

Duke Energy's interest rate swaps for its regulated operations employ regulatory accounting. With regulatory accounting, the mark-to-market gains or losses on the swaps are deferred as regulatory liabilities or regulatory assets, respectively. Regulatory assets and liabilities are amortized consistent with the treatment of the related costs in the ratemaking process. The accrual of interest on the swaps is recorded as Interest Expense.

In August 2016, Duke Energy unwound \$1.4 billion of forward-starting interest rate swaps associated with the Piedmont acquisition financing described in Note 6. The swaps were considered undesignated as they did not qualify for hedge accounting. Losses on the swaps of \$190 million are included within Interest Expense on the Consolidated Statements of Operations for the year ended December 31, 2016. See Note 2 for additional information related to the Piedmont acquisition.

The following tables show notional amounts of outstanding derivatives related to interest rate risk.

| | December 31, 2016 | | | | | | | | | | | | | |
|---------------------------------|-----------------------|--------|------|------|----------|------|----------|------|---------|----|--------|--|--|--|
| | | D | | Duke | | Duke | | Duke | | | | | | |
| | Duke | End | ergy | | Progress | | Energy | | Energy | | Energy | | | |
| (in millions) | Energy | Caroli | inas | | Energy | | Progress | | Florida | | Ohio | | | |
| Cash flow hedges ^(a) | \$ 750 | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ | _ | | | |
| Undesignated contracts | 927 | | 400 | | 500 | | 250 | | 250 | | 27 | | | |
| Total notional amount | \$ 1,677 | \$ | 400 | \$ | 500 | \$ | 250 | \$ | 250 | \$ | 27 | | | |

| | | December 31, 2015 | | | | | | | | | | | | | |
|---------------------------------|-------------|-------------------|----|----------|----|----------|----|-------------|--------|--|--|--|--|--|--|
| | | Duke | | | | Duke | | Duke | Duke | | | | | | |
| | Duke | Energy | | Progress | | Energy | | Energy | Energy | | | | | | |
| (in millions) | Energy | Carolinas | | Energy | | Progress | | Florida | Ohio | | | | | | |
| Cash flow hedges ^(a) | \$ 497 | \$ _ | \$ | _ | \$ | _ | \$ | – \$ | _ | | | | | | |
| Undesignated contracts | 1,827 | 400 | | 500 | | 250 | | 250 | 27 | | | | | | |
| Total notional amount | \$ 2,324 | \$ 400 | \$ | 500 | \$ | 250 | \$ | 250 \$ | 27 | | | | | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
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| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

(a) Duke Energy includes amounts related to consolidated VIEs of \$750 million and \$497 million at December 31, 2016 and 2015, respectively. The December 31, 2016, amount includes interest rate swaps related to solar facilities financing with an outstanding notional amount of \$300 million, including \$81 million of four-year swaps and \$219 million of 18-year swaps. See note 6 for additional information related to the solar facilities financing.

COMMODITY PRICE RISK

The Duke Energy Registrants are exposed to the impact of changes in the prices of electricity purchased and sold in bulk power markets and coal and natural gas purchases. Exposure to commodity price risk is influenced by a number of factors including the term of contracts, the liquidity of markets and delivery locations. For the Subsidiary Registrants, bulk power electricity and coal and natural gas purchases flow through fuel adjustment clauses, formula based contracts or other cost sharing mechanisms. Differences between the costs included in rates and the incurred costs, including undesignated derivative contracts, are largely deferred as regulatory assets or regulatory liabilities. Piedmont policies allow for the use of financial instruments to hedge commodity price risks, but not for speculative trading. The strategy and objective of these hedging programs are to use the financial instruments to reduce gas cost volatility for customers.

Volumes

The tables below include volumes of outstanding commodity derivatives. Amounts disclosed represent the absolute value of notional volumes of commodity contracts excluding NPNS. The Duke Energy Registrants have netted contractual amounts where offsetting purchase and sale contracts exist with identical delivery locations and times of delivery. Where all commodity positions are perfectly offset, no quantities are shown.

| | | | Dece | mber 31, 2016 | 1 | | |
|---|--------|-----------|----------|---------------|---------|--------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Electricity (gigawatt-hours) | 147 | _ | _ | _ | _ | _ | 147 |
| Natural gas (millions of dekatherms) ^(a) | 890 | 91 | 269 | 118 | 151 | _ | 1 |

(a) Amounts at Duke Energy increased 529 million dekatherms due to the acquisition of Piedmont in 2016.

| | | | Dece | mber 31, 2015 | j | | | | | | | | |
|--------------------------------------|--------|-----------|----------|---------------|---------|--------|---------|--|--|--|--|--|--|
| | | Duke | | Duke | Duke | Duke | Duke | | | | | | |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy | | | | | | |
| | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana | | | | | | |
| Electricity (gigawatt-hours) | 70 | _ | _ | _ | _ | 34 | 36 | | | | | | |
| Natural gas (millions of dekatherms) | 398 | 66 | 332 | 117 | 215 | _ | _ | | | | | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

LOCATION AND FAIR VALUE OF DERIVATIVE ASSETS AND LIABILITIES RECOGNIZED IN THE CONSOLIDATED BALANCE SHEETS

The following tables show the fair value and balance sheet location of derivative instruments. Although derivatives subject to master netting arrangements are netted on the Consolidated Balance Sheets, the fair values presented below are shown gross and cash collateral on the derivatives has not been netted against the fair values shown.

| Derivative Assets | | | | | | Dec | eml | ber 31, 20 | 016 | | | | |
|---|----|-------|----|----------|----|---------|------|------------|-----|--------|----|-------|----------|
| | | | | Duke | | | Duke | | | Duke | | Duke | Duke |
| | | Duke | | Energy | P | rogress | | Energy | E | nergy | E | nergy | Energy |
| (in millions) | Е | nergy | C | arolinas | | Energy | Р | rogress | F | lorida | | Ohio | Indiana |
| Commodity Contracts | | | | | | | | | | | | | |
| Not Designated as Hedging Instruments | | | | | | | | | | | | | |
| Current | \$ | 108 | \$ | 23 | \$ | 61 | \$ | 35 | \$ | 26 | \$ | 4 | \$ 16 |
| Noncurrent | | 32 | | 10 | | 21 | | 10 | | 11 | | 1 | _ |
| Total Derivative Assets – Commodity Contracts | \$ | 140 | \$ | 33 | \$ | 82 | \$ | 45 | \$ | 37 | \$ | 5 | \$ 16 |
| Interest Rate Contracts | | | | | | | | | | | | | |
| Designated as Hedging Instruments | | | | | | | | | | | | | |
| Noncurrent | \$ | 19 | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ _ |
| Not Designated as Hedging Instruments | | | | | | | | | | | | | |
| Current | | 3 | | _ | | 3 | | 1 | | 2 | | _ | _ |
| Total Derivative Assets – Interest Rate Contracts | \$ | 22 | \$ | _ | \$ | 3 | \$ | 1 | \$ | 2 | \$ | _ | \$ _ |
| Total Derivative Assets | \$ | 162 | \$ | 33 | \$ | 85 | \$ | 46 | \$ | 39 | \$ | 5 | \$ 16 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| NOTE | | | |

| Derivative Liabilities | _ | | | | | Dece | em | ber 31, 20 | 16 | 5 | | | |
|--|----|-------|----|----------|----|----------|----|------------|-----|----------|------|--------|---------|
| | | | | Duke | | | | Duke | | Duke | | Duke | Duk |
| | | Duke | | Energy | F | Progress | | Energy | ı | Energy | | Energy | Energ |
| (in millions) | E | nergy | С | arolinas | | Energy | F | Progress | | Florida | Ohio | | Indian |
| Commodity Contracts | | | | | | | | | | | | | |
| Not Designated as Hedging Instruments | | | | | | | | | | | | | |
| Current | \$ | 43 | \$ | _ | \$ | 12 | \$ | _ | \$ | 12 | \$ | _ | \$ |
| Noncurrent | | 166 | | 1 | | 7 | | 1 | | _ | | | - |
| Total Derivative Liabilities – Commodity Contracts | \$ | 209 | \$ | 1 | \$ | 19 | \$ | 1 | \$ | 12 | \$ | _ | \$ |
| Interest Rate Contracts | | | | | | | | | | | | | |
| Designated as Hedging Instruments | | | | | | | | | | | | | |
| Current | \$ | 8 | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ - |
| Noncurrent | | 8 | | _ | | _ | | _ | | _ | | _ | - |
| Not Designated as Hedging Instruments | | | | | | | | | | | | | |
| Current | | 1 | | _ | | _ | | _ | | _ | | 1 | - |
| Noncurrent | | 26 | | 15 | | 6 | | 6 | | | | 5 | - |
| Total Derivative Liabilities – Interest Rate Contracts | \$ | 43 | \$ | 15 | \$ | 6 | \$ | 6 | \$ | _ | \$ | 6 | \$ - |
| Total Derivative Liabilities | \$ | 252 | \$ | 16 | \$ | 25 | \$ | 7 | \$ | 12 | \$ | 6 | \$ |
| Derivative Assets | | | | | | Dece | em | ber 31, 20 |)15 | <u> </u> | | | |
| | | | | Duke | | | | Duke | | Duke | | Duke | Duk |
| | | Duke | | Energy | F | Progress | | Energy | ı | Energy | | Energy | Energ |
| (in millions) | E | nergy | С | arolinas | | Energy | F | Progress | ı | Florida | | Ohio | Indian |
| Commodity Contracts | | | | | | | | | | | | | |
| Not Designated as Hedging Instruments | | | | | | | | | | | | | |
| Current | \$ | 12 | \$ | _ | \$ | 1 | \$ | _ | \$ | 1 | \$ | 3 | \$ |
| Noncurrent | | 4 | | _ | | 4 | | _ | | 4 | | _ | - |
| Total Derivative Assets – Commodity Contracts | \$ | 16 | \$ | _ | \$ | 5 | \$ | _ | \$ | 5 | \$ | 3 | \$ |
| Interest Rate Contracts | | | | | | | | | | | | | |
| Designated as Hedging Instruments | | | | | | | | | | | | | |
| Noncurrent | \$ | 3 | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ _ |
| Not Designated as Hedging Instruments | | | | | | | | | | | | | |
| | | | | | | • | | _ | | _ | | | |
| Current | | 6 | | | | 6 | | 2 | | 2 | | | |

Total Derivative Assets

- \$

11 \$

\$

25 \$

7 \$

2 \$

7

3 \$

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO EINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

| Derivative Liabilities | | | | | | Dec | eml | ber 31, 20 |)15 | | | | |
|--|----|-------|----|----------|----|---------|------|------------|-----|--------|----|--------|---------|
| | | | | Duke | | | Duke | | | Duke | | Duke | Duke |
| | | Duke | | Energy | P | rogress | | Energy | E | Energy | Е | Energy | Energy |
| (in millions) | E | nergy | С | arolinas | | Energy | Р | rogress | F | lorida | | Ohio | Indiana |
| Commodity Contracts | | | | | | | | | | | | | |
| Not Designated as Hedging Instruments | | | | | | | | | | | | | |
| Current | \$ | 256 | \$ | 32 | \$ | 222 | \$ | 77 | \$ | 145 | \$ | _ : | \$ — |
| Noncurrent | | 100 | | 8 | | 92 | | 16 | | 71 | | | _ |
| Total Derivative Liabilities – Commodity Contracts | \$ | 356 | \$ | 40 | \$ | 314 | \$ | 93 | \$ | 216 | \$ | _ : | \$ — |
| Interest Rate Contracts | | | | | | | | | | | | | |
| Designated as Hedging Instruments | | | | | | | | | | | | | |
| Current | \$ | 9 | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ | _ : | \$ — |
| Noncurrent | | 13 | | _ | | _ | | _ | | _ | | _ | _ |
| Not Designated as Hedging Instruments | | | | | | | | | | | | | |
| Current | | 4 | | _ | | 3 | | _ | | _ | | 1 | _ |
| Noncurrent | | 15 | | 5 | | 5 | | 5 | | _ | | 6 | _ |
| Total Derivative Liabilities – Interest Rate Contracts | \$ | 41 | \$ | 5 | \$ | 8 | \$ | 5 | \$ | _ | \$ | 7 | \$ |
| Total Derivative Liabilities | \$ | 397 | \$ | 45 | \$ | 322 | \$ | 98 | \$ | 216 | \$ | 7 | \$ — |

OFFSETTING ASSETS AND LIABILITIES

The following tables present the line items on the Consolidated Balance Sheets where derivatives are reported. Substantially all of Duke Energy's outstanding derivative contracts are subject to enforceable master netting arrangements. The Gross amounts offset in the tables below show the effect of these netting arrangements on financial position and include collateral posted to offset the net position. The amounts shown are calculated by counterparty. Accounts receivable or accounts payable may also be available to offset exposures in the event of bankruptcy. These amounts are not included in the tables below.

| Derivative Assets | | | | | Decen | nbe | er 31, 201 | 6 | | | | | |
|--|-----------|----|-----------|----|----------|-----|------------|----|---------|----|--------|----|---------|
| | | | Duke | | | | Duke Duke | | | | Duke | | Duke |
| | Duke | | Energy | F | Progress | | Energy | ı | Energy | ı | Energy | ı | Energy |
| (in millions) | Energy | (| Carolinas | | Energy | F | rogress | ı | Florida | | Ohio | ı | Indiana |
| Current | | | | | | | | | | | | | |
| Gross amounts recognized | \$ 111 | \$ | 23 | \$ | 64 | \$ | 36 | \$ | 28 | \$ | 4 | \$ | 16 |
| Gross amounts offset | (11) | | _ | | (11) | | _ | | (11) | | _ | | _ |
| Net amounts presented in Current Assets: Other | \$ 100 | \$ | 23 | \$ | 53 | \$ | 36 | \$ | 17 | \$ | 4 | \$ | 16 |
| Noncurrent | | | | | | | | | | | | | |
| Gross amounts recognized | \$ 51 | \$ | 10 | \$ | 21 | \$ | 10 | \$ | 11 | \$ | 1 | \$ | _ |
| Gross amounts offset | (2) | | (1) | | (1) | | (1) | | _ | | _ | | _ |
| Net amounts presented in Investments and Other Assets: Other | \$ 49 | \$ | 9 | \$ | 20 | \$ | 9 | \$ | 11 | \$ | 1 | \$ | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|--|--|
| · · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | | |

| Derivative Liabilities | | | | | Decen | be | r 31, 201 | 6 | | | | | |
|--|-----------|-----|--------|----|----------|-----|-----------|----|--------|----|-------|----|-------|
| | | | Duke | | | | Duke | | Duke | | Duke | | Duke |
| | Duke | E | nergy | P | Progress | | Energy | E | nergy | Ε | nergy | E | nergy |
| (in millions) | Energy | Car | olinas | | Energy | Ρ | rogress | F | lorida | | Ohio | In | diana |
| Current | | | | | | | | | | | | | |
| Gross amounts recognized | \$ 52 | \$ | _ | \$ | 12 | \$ | _ | \$ | 12 | \$ | 1 | \$ | 2 |
| Gross amounts offset | (11) | | _ | | (11) | | | | (11) | | _ | | |
| Net amounts presented in Current Liabilities: Other | \$ 41 | \$ | _ | \$ | 1 | \$ | _ | \$ | 1 | \$ | 1 | \$ | 2 |
| Noncurrent | | | | | | | | | | | | | |
| Gross amounts recognized | \$ 200 | \$ | 16 | \$ | 13 | \$ | 7 | \$ | _ | \$ | 5 | \$ | _ |
| Gross amounts offset | (2) | | (1) | | (1) | | (1) | | _ | | _ | | _ |
| Net amounts presented in Deferred Credits and Other Liabilities: Other | \$ 198 | \$ | 15 | \$ | 12 | \$ | 6 | \$ | _ | \$ | 5 | \$ | _ |
| Derivative Assets | | | | | Decem | ıbe | r 31, 201 | 5 | | | | | |
| | | | Duke | | | | Duke | | Duke | | Duke | | Duke |
| | Duke | E | nergy | P | Progress | | Energy | E | nergy | Ε | nergy | E | nergy |
| (in millions) | Energy | Car | olinas | | Energy | Ρ | rogress | F | lorida | | Ohio | In | diana |
| Current | | | | | | | | | | | | | |
| Gross amounts recognized | \$ 18 | \$ | _ | \$ | 7 | \$ | 2 | \$ | 3 | \$ | 3 | \$ | 7 |
| Gross amounts offset | (3) | | | | (2) | | _ | | (2) | | _ | | |
| Net amounts presented in Current Assets: Other | \$ 15 | \$ | _ | \$ | 5 | \$ | 2 | \$ | 1 | \$ | 3 | \$ | 7 |
| Noncurrent | | | | | | | | | | | | | |
| Gross amounts recognized | \$ 7 | \$ | | \$ | 4 | \$ | _ | \$ | 4 | \$ | | \$ | |

(4)

3 \$

— \$

\$

(4)

— \$

(4)

- \$

- \$

- \$

Gross amounts offset

Other

Net amounts presented in Investments and Other Assets:

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | - | | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

| Derivative Liabilities | | | | | Decen | nbe | r 31, 201 | 5 | | | | | |
|--|-----------|----|----------|----|----------|-----|-----------|----|---------|----|--------|----|-------|
| | | | Duke | | | | Duke | | Duke | | Duke | | Duke |
| | Duke | | Energy | F | Progress | | Energy | E | Energy | E | Energy | E | nergy |
| (in millions) | Energy | С | arolinas | | Energy | P | rogress | F | Florida | | Ohio | In | diana |
| Current | | | | | | | | | | | | | |
| Gross amounts recognized | \$ 269 | \$ | 32 | \$ | 225 | \$ | 77 | \$ | 145 | \$ | 1 | \$ | _ |
| Gross amounts offset | (22) | | _ | | (21) | | (1) | | (20) | | _ | | _ |
| Net amounts presented in Current Liabilities: Other | \$ 247 | \$ | 32 | \$ | 204 | \$ | 76 | \$ | 125 | \$ | 1 | \$ | _ |
| Noncurrent | | | | | | | | | | | | | |
| Gross amounts recognized | \$ 128 | \$ | 13 | \$ | 97 | \$ | 21 | \$ | 71 | \$ | 6 | \$ | _ |
| Gross amounts offset | (16) | | _ | | (15) | | _ | | (15) | | _ | | _ |
| Net amounts presented in Deferred Credits and Other Liabilities: Other | \$ 112 | \$ | 13 | \$ | 82 | \$ | 21 | \$ | 56 | \$ | 6 | \$ | _ |

OBJECTIVE CREDIT CONTINGENT FEATURES

Certain derivative contracts contain objective credit contingent features. These features include the requirement to post cash collateral or letters of credit if specific events occur, such as a credit rating downgrade below investment grade. The following tables show information with respect to derivative contracts that are in a net liability position and contain objective credit-risk-related payment provisions. Amounts for Duke Energy Ohio and Duke Energy Indiana were not material.

| | | D | ece | mber 31, 20 | 16 | | | |
|---|----------|-----------|-----|-------------|----|----------|----|---------|
| | | Duke | | | | Duke | | Duke |
| | Duke | Energy | | Progress | | Energy | | Energy |
| (in millions) | Energy | Carolinas | | Energy | | Progress | | Florida |
| Aggregate fair value of derivatives in a net liability position | \$ 34 | \$ 16 | \$ | 18 | \$ | 6 | \$ | 12 |
| Fair value of collateral already posted | _ | _ | | _ | | _ | | _ |
| Additional cash collateral or letters of credit in the event credit-risk-related contingent features were triggered | 34 | 16 | | 18 | | 6 | | 12 |

| | December 31, 2015 | | | | | | | | |
|---|-----------------------|----|-----------|------|----------|------|----------|----|---------|
| | Duke | | | Duke | | Duke | | | |
| | Duke | | Energy | | Progress | | Energy | | Energy |
| (in millions) | Energy | | Carolinas | | Energy | | Progress | | Florida |
| Aggregate fair value of derivatives in a net liability position | \$ 334 | \$ | 45 | \$ | 290 | \$ | 93 | \$ | 194 |
| Fair value of collateral already posted | 30 | | _ | | 30 | | _ | | 30 |
| Additional cash collateral or letters of credit in the event credit-risk-related contingent features were triggered | 304 | | 45 | | 260 | | 93 | | 164 |

The Duke Energy Registrants have elected to offset cash collateral and fair values of derivatives. For amounts to be netted, the derivative and cash collateral must be executed with the same counterparty under the same master netting arrangement. At December 31, 2015, receivables of \$30 million at Duke Energy Florida related to the right to reclaim cash collateral under master netting arrangements were offset against net derivative positions on the Consolidated Balance Sheets of Duke Energy, Progress Energy and Duke Energy Florida.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

15. INVESTMENTS IN DEBT AND EQUITY SECURITIES

TRADING SECURITIES

Investments in debt and equity securities held in rabbi trusts associated with certain deferred compensation plans are classified as trading securities. The fair value of these investments was \$5 million at December 31, 2016.

AVAILABLE-FOR-SALE SECURITIES

The Duke Energy Registrants classify their investments in debt and equity securities as available-for-sale.

Duke Energy's available-for-sale securities are primarily comprised of investments held in (i) the NDTF at Duke Energy Carolinas, Duke Energy Progress and Duke Energy Florida, (ii) grantor trusts at Duke Energy Progress, Duke Energy Florida and Duke Energy Indiana related to OPEB plans and (iii) Bison.

Duke Energy classifies all other investments in debt and equity securities as long-term, unless otherwise noted.

Investment Trusts

The investments within the NDTF investments and the Duke Energy Progress, Duke Energy Florida and Duke Energy Indiana grantor trusts (Investment Trusts) are managed by independent investment managers with discretion to buy, sell and invest pursuant to the objectives set forth by the trust agreements. The Duke Energy Registrants have limited oversight of the day-to-day management of these investments. As a result, the ability to hold investments in unrealized loss positions is outside the control of the Duke Energy Registrants. Accordingly, all unrealized losses associated with debt and equity securities within the Investment Trusts are considered OTTIs and are recognized immediately.

Investments within the Investment Trusts generally qualify for regulatory accounting and accordingly realized and unrealized gains and losses are generally deferred as a regulatory asset or liability.

Other Available-for-Sale Securities

Unrealized gains and losses on all other available-for-sale securities are included in other comprehensive income until realized, unless it is determined the carrying value of an investment is other-than-temporarily impaired. If an OTTI exists, the unrealized loss is included in earnings based on the criteria discussed below.

The Duke Energy Registrants analyze all investment holdings each reporting period to determine whether a decline in fair value should be considered other-than-temporary. Criteria used to evaluate whether an impairment associated with equity securities is other-than-temporary includes, but is not limited to, (i) the length of time over which the market value has been lower than the cost basis of the investment, (ii) the percentage decline compared to the cost of the investment and (iii) management's intent and ability to retain its investment for a period of time sufficient to allow for any anticipated recovery in market value. If a decline in fair value is determined to be other-than-temporary, the investment is written down to its fair value through a charge to earnings.

If the entity does not have an intent to sell a debt security and it is not more likely than not management will be required to sell the debt security before the recovery of its cost basis, the impairment write-down to fair value would be recorded as a component of other comprehensive income, except for when it is determined a credit loss exists. In determining whether a credit loss exists, management considers, among other things, (i) the length of time and the extent to which the fair value has been less than the amortized cost basis, (ii) changes in the financial condition of the issuer of the security, or in the case of an asset backed security, the financial condition of the underlying loan obligors, (iii) consideration of underlying collateral and guarantees of amounts by government entities, (iv) ability of the issuer of the security to make scheduled interest or principal payments and (v) any changes to the rating of the security by rating agencies. If a credit loss exists, the amount of impairment write-down to fair value is split between credit loss and other factors. The amount related to credit loss is recognized in earnings. The amount related to other factors is recognized in other comprehensive income. There were no material credit losses as of December 31, 2016 and 2015.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

DUKE ENERGY

The following table presents the estimated fair value of investments in available-for-sale securities.

| | D | ece | mber 31, 20 | 16 | | D | ece | ember 31, 201 | 15 | |
|----------------------------|-------------|-----|-----------------------|----|------------|-------------|-----|-----------------------|----|------------|
| | Gross | | Gross | | | Gross | | Gross | | |
| | Unrealized | | Unrealized | | | Unrealized | | Unrealized | | |
| | Holding | | Holding | | Estimated | Holding | | Holding | | Estimated |
| (in millions) | Gains | | Losses _(a) | | Fair Value | Gains | | Losses _(a) | | Fair Value |
| NDTF | | | | | | | | | | |
| Cash and cash equivalents | \$ _ | \$ | _ | \$ | 111 | \$ _ | \$ | _ | \$ | 179 |
| Equity securities | 2,092 | | 54 | | 4,106 | 1,823 | | 58 | | 3,590 |
| Corporate debt securities | 10 | | 8 | | 528 | 7 | | 8 | | 432 |
| Municipal bonds | 3 | | 10 | | 331 | 5 | | 1 | | 185 |
| U.S. government bonds | 10 | | 8 | | 984 | 11 | | 5 | | 1,254 |
| Other debt securities | | | 3 | | 124 | _ | | 4 | | 177 |
| Total NDTF | \$ 2,115 | \$ | 83 | \$ | 6,184 | \$ 1,846 | \$ | 76 | \$ | 5,817 |
| Other Investments | | | | | | | | | | |
| Cash and cash equivalents | \$ _ | \$ | _ | \$ | 25 | \$ _ | \$ | _ | \$ | 29 |
| Equity securities | 38 | | _ | | 104 | 32 | | 1 | | 95 |
| Corporate debt securities | 1 | | 1 | | 66 | 1 | | 3 | | 92 |
| Municipal bonds | 2 | | 1 | | 82 | 3 | | 1 | | 74 |
| U.S. government bonds | _ | | 1 | | 51 | _ | | _ | | 45 |
| Other debt securities | _ | | 2 | | 42 | _ | | 2 | | 62 |
| Total Other Investments(b) | \$ 41 | \$ | 5 | \$ | 370 | \$ 36 | \$ | 7 | \$ | 397 |
| Total Investments | \$ 2,156 | \$ | 88 | \$ | 6,554 | \$ 1,882 | \$ | 83 | \$ | 6,214 |

⁽a) Substantially all these amounts are considered OTTIs on investments within Investment Trusts that have been recognized immediately as a regulatory asset.

| (in millions) | Dec | ember 31, 2016 |
|----------------------------------|-----|----------------|
| Due in one year or less | \$ | 94 |
| Due after one through five years | | 653 |
| Due after five through 10 years | | 515 |
| Due after 10 years | | 946 |
| Total | \$ | 2,208 |

⁽b) These amounts are recorded in Other within Investments and Other Assets on the Consolidated Balance Sheets.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

| | Years Ended December 31, | | | | | | | |
|-----------------|------------------------------|--------|------|--|--|--|--|--|
| (in millions) | 2016 | 2015 | 2014 | | | | | |
| Realized gains | \$ 246 \$ | 193 \$ | 271 | | | | | |
| Realized losses | 187 | 98 | 105 | | | | | |

DUKE ENERGY CAROLINAS

The following table presents the estimated fair value of investments in available-for-sale securities.

| | December 31, 2016 | | | | December 31, 2015 | | | | |
|----------------------------|-------------------|------------|----|-----------------------|-------------------|-------------|----|-----------------------|------------|
| | | Gross | | Gross | | Gross | | Gross | |
| | ı | Unrealized | | Unrealized | | Unrealized | | Unrealized | |
| | | Holding | | Holding | Estimated | Holding | | Holding | Estimated |
| (in millions) | | Gains | | Losses _(a) | Fair Value | Gains | | Losses _(a) | Fair Value |
| NDTF | | | | | | | | | |
| Cash and cash equivalents | \$ | _ | \$ | _ | \$ 18 | \$ _ | \$ | _ : | 34 |
| Equity securities | | 1,157 | | 28 | 2,245 | 1,021 | | 27 | 2,094 |
| Corporate debt securities | | 5 | | 6 | 354 | 3 | | 5 | 292 |
| Municipal bonds | | 1 | | 2 | 67 | 1 | | _ | 33 |
| U.S. government bonds | | 2 | | 5 | 458 | 3 | | 3 | 438 |
| Other debt securities | | _ | | 3 | 116 | _ | | 4 | 147 |
| Total NDTF | \$ | 1,165 | \$ | 44 | \$ 3,258 | \$ 1,028 | \$ | 39 | 3,038 |
| Other Investments | | | | | | | | | |
| Other debt securities | \$ | _ | \$ | 1 | \$ 3 | \$ _ | \$ | 1 : | 3 |
| Total Other Investments(b) | \$ | _ | \$ | 1 | \$ 3 | \$ _ | \$ | 1 : | 3 |
| Total Investments | \$ | 1,165 | \$ | 45 | \$ 3,261 | \$ 1,028 | \$ | 40 | 3,041 |

⁽a) Substantially all these amounts represent OTTIs on investments within Investment Trusts that have been recognized immediately as a regulatory asset.

| (in millions) | December 31, 2016 |
|----------------------------------|-------------------|
| Due in one year or less | \$ 3 |
| Due after one through five years | 230 |
| Due after five through 10 years | 260 |
| Due after 10 years | 505 |
| Total | \$ 998 |

⁽b) These amounts are recorded in Other within Investments and Other Assets on the Consolidated Balance Sheets.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | |

| | _ | Years Ended December 3 | | | | | |
|-----------------|----|------------------------|--------|--------|--|--|--|
| (in millions) | | 2016 | 2015 | 2014 | | | |
| Realized gains | \$ | 157 | \$ 158 | \$ 109 | | | |
| Realized losses | | 121 | 83 | 93 | | | |

PROGRESS ENERGY

The following table presents the estimated fair value of investments in available-for-sale securities.

| | | December 31, 20 |)16 | December 31, 2015 | | | |
|----------------------------|-------------|-----------------------|------------|-------------------|-----------------------|------------|--|
| | Gross | Gross | | Gross | Gross | | |
| | Unrealized | Unrealized | | Unrealized | Unrealized | | |
| | Holding | Holding | Estimated | Holding | Holding | Estimated | |
| (in millions) | Gains | Losses _(a) | Fair Value | Gains | Losses _(a) | Fair Value | |
| NDTF | | | | | | | |
| Cash and cash equivalents | \$ — | \$ — | \$ 93 | \$ — | \$ — | \$ 145 | |
| Equity securities | 935 | 26 | 1,861 | 802 | 31 | 1,496 | |
| Corporate debt securities | 5 | 2 | 174 | 4 | 3 | 140 | |
| Municipal bonds | 2 | 8 | 264 | 4 | 1 | 152 | |
| U.S. government bonds | 8 | 3 | 526 | 8 | 2 | 816 | |
| Other debt securities | _ | - | 8 | _ | _ | 30 | |
| Total NDTF | \$ 950 | \$ 39 | \$ 2,926 | \$ 818 | \$ 37 | \$ 2,779 | |
| Other Investments | | | | | | | |
| Cash and cash equivalents | \$ — | \$ — | \$ 21 | \$ — | \$ _ | \$ 18 | |
| Municipal bonds | 2 | | 44 | 3 | | 45 | |
| Total Other Investments(b) | \$ 2 | \$ — | \$ 65 | \$ 3 | \$ _ | \$ 63 | |
| Total Investments | \$ 952 | \$ 39 | \$ 2,991 | \$ 821 | \$ 37 | \$ 2,842 | |

⁽a) Substantially all these amounts represent OTTIs on investments within Investment Trusts that have been recognized immediately as a regulatory asset.

| (in millions) | December 31, 2016 |
|----------------------------------|-------------------|
| Due in one year or less | \$ 84 |
| Due after one through five years | 347 |
| Due after five through 10 years | 187 |
| Due after 10 years | 398 |
| Total | \$ 1,016 |

⁽b) These amounts are recorded in Other within Investments and Other Assets on the Consolidated Balance Sheets.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | |

| | Years Ended December 31, | | | | | |
|-----------------|------------------------------|-------|------|--|--|--|
| (in millions) | 2016 | 2015 | 2014 | | | |
| Realized gains | \$ 84 \$ | 33 \$ | 157 | | | |
| Realized losses | 64 | 13 | 11 | | | |

DUKE ENERGY PROGRESS

The following table presents the estimated fair value of investments in available-for-sale securities.

| | December 31, 2016 | | | | December 31, 2015 | | | | | |
|--|-------------------|------------|----|-----------------------|-----------------------|------------|----|-----------------------|----|------------|
| | | Gross | | Gross | | Gross | | Gross | | |
| | ı | Jnrealized | | Unrealized | | Unrealized | | Unrealized | | |
| | | Holding | | Holding | Estimated | Holding | | Holding | | Estimated |
| (in millions) | | Gains | | Losses _(a) | Fair Value | Gains | | Losses _(a) | | Fair Value |
| NDTF | | | | | | | | | | |
| Cash and cash equivalents | \$ | _ | \$ | _ | \$ 45 | \$ _ | \$ | _ | \$ | 110 |
| Equity securities | | 704 | | 21 | 1,505 | 596 | | 25 | | 1,178 |
| Corporate debt securities | | 4 | | 1 | 120 | 3 | | 2 | | 96 |
| Municipal bonds | | 2 | | 8 | 263 | 4 | | 1 | | 150 |
| U.S. government bonds | | 5 | | 2 | 275 | 6 | | 2 | | 486 |
| Other debt securities | | _ | | _ | 5 | _ | | _ | | 18 |
| Total NDTF | \$ | 715 | \$ | 32 | \$ 2,213 | \$ 609 | \$ | 30 | \$ | 2,038 |
| Other Investments | | | | | | | | | | |
| Cash and cash equivalents | \$ | _ | \$ | _ | \$ 1 | \$ _ | \$ | _ | \$ | 1 |
| Total Other Investments ^(b) | \$ | _ | \$ | _ | \$ 1 | \$ _ | \$ | _ | \$ | 1 |
| Total Investments | \$ | 715 | \$ | 32 | \$ 2,214 | \$ 609 | \$ | 30 | \$ | 2,039 |

⁽a) Substantially all these amounts are considered OTTIs on investments within Investment Trusts that have been recognized immediately as a regulatory asset.

| (in millions) | December 31, 2 | | |
|----------------------------------|----------------|-----|--|
| Due in one year or less | \$ | 28 | |
| Due after one through five years | | 190 | |
| Due after five through 10 years | | 142 | |
| Due after 10 years | | 303 | |
| Total | \$ | 663 | |

⁽b) These amounts are recorded in Other within Investments and Other Assets on the Consolidated Balance Sheets.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | • | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | |

| | _ | Yea | rs Ended Decembe | er 31, |
|-----------------|----|------|------------------|--------|
| (in millions) | | 2016 | 2015 | 2014 |
| Realized gains | \$ | 71 | \$ 26 | \$ 19 |
| Realized losses | | 55 | 11 | 5 |

DUKE ENERGY FLORIDA

The following table presents the estimated fair value of investments in available-for-sale securities.

| | December 31, 2016 | | | | December 31, 2015 | | | | | |
|----------------------------|-------------------|------------|----|-----------------------|-------------------|----|------------|----|-----------------------|------------|
| | | Gross | | Gross | | | Gross | | Gross | |
| | | Unrealized | | Unrealized | | | Unrealized | | Unrealized | |
| | | Holding | | Holding | Estimated | | Holding | | Holding | Estimated |
| (in millions) | | Gains | | Losses _(a) | Fair Value | | Gains | | Losses _(a) | Fair Value |
| NDTF | | | | | | | | | | |
| Cash and cash equivalents | \$ | _ | \$ | _ | \$ 48 | \$ | _ | \$ | — \$ | 35 |
| Equity securities | | 231 | | 5 | 356 | | 206 | | 6 | 318 |
| Corporate debt securities | | 1 | | 1 | 54 | | 1 | | 1 | 44 |
| Municipal bonds | | _ | | _ | 1 | | _ | | _ | 2 |
| U.S. government bonds | | 3 | | 1 | 251 | | 2 | | _ | 330 |
| Other debt securities | | _ | | _ | 3 | | _ | | _ | 12 |
| Total NDTF ^(b) | \$ | 235 | \$ | 7 | \$ 713 | \$ | 209 | \$ | 7 \$ | 741 |
| Other Investments | | | | | | | | | | |
| Cash and cash equivalents | \$ | _ | \$ | _ | \$ 4 | \$ | _ | \$ | — \$ | 6 |
| Municipal bonds | | 2 | | | 44 | | 3 | | _ | 45 |
| Total Other Investments(c) | \$ | 2 | \$ | _ | \$ 48 | \$ | 3 | \$ | — \$ | 51 |
| Total Investments | \$ | 237 | \$ | 7 | \$ 761 | \$ | 212 | \$ | 7 \$ | 792 |

- (a) Substantially all these amounts are considered OTTIs on investments within Investment Trusts that have been recognized immediately as a regulatory asset.
- (b) The decrease in estimated fair value of the NDTF as of December 31, 2016, is primarily due to reimbursements from the NDTF for costs related to ongoing decommissioning activity of Crystal River Unit 3.
- (c) These amounts are recorded in Other within Investments and Other Assets on the Consolidated Balance Sheets.

| (in millions) | December 31, 2016 |
|----------------------------------|-------------------|
| Due in one year or less | \$ 56 |
| Due after one through five years | 157 |
| Due after five through 10 years | 45 |
| Due after 10 years | 95 |
| Total | \$ 353 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | |
|---|----------------------|----------------|-----------------------|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | • | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | |

| | _ | Years Ended December 31, | | | |
|-----------------|----|--------------------------|------|--------|--|
| (in millions) | | 2016 | 2015 | 2014 | |
| Realized gains | \$ | 13 | \$ 7 | \$ 138 | |
| Realized losses | | 9 | 2 | 5 | |

DUKE ENERGY INDIANA

The following table presents the estimated fair value of investments in available-for-sale securities.

| | December 31, 2016 | | | | | December 31, 2015 | | | | | |
|----------------------------|-------------------|---------------------|----|-----------------------|----|-------------------|----|---------------------|----|-----------------------|------------|
| | | Gross Unrealized | | Gross Unrealized | | | | Gross Unrealized | | Gross Unrealized | |
| | | Holding | | Holding | | Estimated | | Holding | | Holding | Estimated |
| (in millions) | | Gains | | Losses _(a) | | Fair Value | | Gains | | Losses _(a) | Fair Value |
| Other Investments | | | | | | | | | | | |
| Cash and cash equivalents | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ | — \$ | 2 |
| Equity securities | | 33 | | _ | | 79 | | 27 | | _ | 71 |
| Corporate debt securities | | _ | | _ | | 2 | | _ | | _ | 2 |
| Municipal bonds | | _ | | 1 | | 28 | | _ | | 1 | 26 |
| U.S. government bonds | | _ | | _ | | 1 | | _ | | _ | _ |
| Total Other Investments(b) | \$ | 33 | \$ | 1 | \$ | 110 | \$ | 27 | \$ | 1 \$ | 101 |
| Total Investments | \$ | 33 | \$ | 1 | \$ | 110 | \$ | 27 | \$ | 1 \$ | 101 |

⁽a) Substantially all these amounts are considered OTTIs on investments within Investment Trusts that have been recognized immediately as a regulatory asset.

The table below summarizes the maturity date for debt securities.

| (in millions) | December 31, 2016 | | |
|----------------------------------|-------------------|----|--|
| Due in one year or less | \$ | 3 | |
| Due after one through five years | | 13 | |
| Due after five through 10 years | | 9 | |
| Due after 10 years | | 6 | |
| Total | \$ | 31 | |

Realized gains and losses, which were determined on a specific identification basis, from sales of available-for-sale securities were insignificant for the years ended December 31, 2016, 2015 and 2014.

⁽b) These amounts are recorded in Other within Investments and Other Assets on the Consolidated Balance Sheets.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | |
|---|--------------------|----------------|-----------------------|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | |

16. FAIR VALUE MEASUREMENTS

Fair value is the exchange price to sell an asset or transfer a liability in an orderly transaction between market participants at the measurement date. The fair value definition focuses on an exit price versus the acquisition cost. Fair value measurements use market data or assumptions market participants would use in pricing the asset or liability, including assumptions about risk and the risks inherent in the inputs to the valuation technique. These inputs may be readily observable, corroborated by market data, or generally unobservable. Valuation techniques maximize the use of observable inputs and minimize use of unobservable inputs. A midmarket pricing convention (the midpoint price between bid and ask prices) is permitted for use as a practical expedient.

Fair value measurements are classified in three levels based on the fair value hierarchy:

Level 1 – Unadjusted quoted prices in active markets for identical assets or liabilities that the reporting entity can access at the measurement date. An active market is one in which transactions for an asset or liability occur with sufficient frequency and volume to provide ongoing pricing information.

Level 2 – A fair value measurement utilizing inputs other than quoted prices included in Level 1 that are observable, either directly or indirectly, for an asset or liability. Inputs include (i) quoted prices for similar assets or liabilities in active markets, (ii) quoted prices for identical or similar assets or liabilities in markets that are not active, (iii) and inputs other than quoted market prices that are observable for the asset or liability, such as interest rate curves and yield curves observable at commonly quoted intervals, volatilities and credit spreads. A Level 2 measurement cannot have more than an insignificant portion of its valuation based on unobservable inputs. Instruments in this category include non-exchange-traded derivatives, such as over-the-counter forwards, swaps and options; certain marketable debt securities; and financial instruments traded in less than active markets.

Level 3 – Any fair value measurement which includes unobservable inputs for more than an insignificant portion of the valuation. These inputs may be used with internally developed methodologies that result in management's best estimate of fair value. Level 3 measurements may include longer-term instruments that extend into periods in which observable inputs are not available.

Not Categorized – Certain investments are not categorized within the Fair Value hierarchy. These investments are measured based on the fair value of the underlying investments but may not be readily redeemable at that fair value.

Fair value accounting guidance permits entities to elect to measure certain financial instruments that are not required to be accounted for at fair value, such as equity method investments or the company's own debt, at fair value. The Duke Energy Registrants have not elected to record any of these items at fair value.

Transfers between levels represent assets or liabilities that were previously (i) categorized at a higher level for which the inputs to the estimate became less observable or (ii) classified at a lower level for which the inputs became more observable during the period. The Duke Energy Registrant's policy is to recognize transfers between levels of the fair value hierarchy at the end of the period. There were no transfers between Levels 1 and 2 during the years ended December 31, 2016, 2015 and 2014. Transfers out of Level 3 during the year ended December 31, 2014, were the result of forward commodity prices becoming observable due to the passage of time.

Valuation methods of the primary fair value measurements disclosed below are as follows.

Investments in equity securities

The majority of investments in equity securities are valued using Level 1 measurements. Investments in equity securities are typically valued at the closing price in the principal active market as of the last business day of the quarter. Principal active markets for equity prices include published exchanges such as the New York Stock Exchange (NYSE) and the NASDAQ Stock Market. Foreign equity prices are translated from their trading currency using the currency exchange rate in effect at the close of the principal active market. There was no after-hours market activity that was required to be reflected in the reported fair value measurements.

Investments in debt securities

Most investments in debt securities are valued using Level 2 measurements because the valuations use interest rate curves and credit spreads applied to the terms of the debt instrument (maturity and coupon interest rate) and consider the counterparty credit rating. If the market for a particular fixed-income security is relatively inactive or illiquid, the measurement is Level 3.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | |
|---|----------------------|----------------|-----------------------|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | |

Commodity derivatives

Commodity derivatives with clearinghouses are classified as Level 1. Other commodity derivatives are primarily valued using internally developed discounted cash flow models which incorporate forward price, adjustments for liquidity (bid-ask spread) and credit or non-performance risk (after reflecting credit enhancements such as collateral) and are discounted to present value. Pricing inputs are derived from published exchange transaction prices and other observable data sources. In the absence of an active market, the last available price may be used. If forward price curves are not observable for the full term of the contract and the unobservable period had more than an insignificant impact on the valuation, the commodity derivative is classified as Level 3. In isolation, increases (decreases) in natural gas forward prices result in favorable (unfavorable) fair value adjustments for gas purchase contracts; and increases (decreases) in electricity forward prices result in unfavorable (favorable) fair value adjustments for electricity sales contracts. Duke Energy regularly evaluates and validates pricing inputs used to estimate the fair value of gas commodity contracts by a market participant price verification procedure. This procedure provides a comparison of internal forward commodity curves to market participant generated curves.

Interest rate derivatives

Most over-the-counter interest rate contract derivatives are valued using financial models which utilize observable inputs for similar instruments and are classified as Level 2. Inputs include forward interest rate curves, notional amounts, interest rates and credit quality of the counterparties.

Other fair value considerations

See Note 11 for a discussion of the valuation of goodwill and intangible assets. See Note 2 related to the acquisition of Piedmont in 2016 and the purchase of NCEMPA's ownership interests in certain generating assets in 2015.

DUKE ENERGY

The following tables provide recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets. Derivative amounts in the table below exclude cash collateral which is disclosed in Note 14. See Note 15 for additional information related to investments by major security type.

| | December 31, 2016 | | | | | | | |
|--|-------------------|---------------------|----------|-------------|----------|--------------------|--|--|
| (in millions) | | Total Fair Value | Level 1 | Level 2 | Level 3 | Not Categorized | | |
| Nuclear decommissioning trust fund equity securities | \$ | 4,106 \$ | 4,029 \$ | — \$ | <u> </u> | 77 | | |
| Nuclear decommissioning trust fund debt securities | | 2,078 | 632 | 1,446 | _ | _ | | |
| Other trading and available-for-sale equity securities | | 104 | 104 | _ | _ | _ | | |
| Other trading and available-for-sale debt securities | | 266 | 75 | 186 | 5 | _ | | |
| Derivative assets | | 162 | 5 | 136 | 21 | _ | | |
| Total assets | | 6,716 | 4,845 | 1,768 | 26 | 77 | | |
| Derivative liabilities | | (252) | (2) | (63) | (187) | _ | | |
| Net assets (liabilities) | \$ | 6,464 \$ | 4,843 \$ | 1,705 \$ | (161)\$ | 77 | | |

| (in millions) | | Total Fair Value | Level 1 | Level 2 | Level 3 | Not Categorized |
|--|----|---------------------|----------|-------------|-------------|--------------------|
| Nuclear decommissioning trust fund equity securities | \$ | 3,590 \$ | 3,418 \$ | — \$ | — \$ | 172 |
| Nuclear decommissioning trust fund debt securities | | 2,227 | 672 | 1,555 | _ | _ |
| Other available-for-sale equity securities | | 95 | 95 | _ | _ | _ |
| Other available-for-sale debt securities | | 302 | 75 | 222 | 5 | _ |
| Derivative assets | | 25 | _ | 15 | 10 | _ |
| Total assets | | 6,239 | 4,260 | 1,792 | 15 | 172 |
| Derivative liabilities | | (397) | _ | (397) | _ | _ |
| Net assets | \$ | 5,842 \$ | 4,260 \$ | 1,395 \$ | 15 \$ | 172 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | |
|---|--------------------|----------------|-----------------------|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | |

The following tables provide reconciliations of beginning and ending balances of assets and liabilities measured at fair value using Level 3 measurements. Amounts included in earnings for derivatives are primarily included in Operating Revenues.

| | December 31, 2016 | | | | | |
|--|-------------------|----------|-------------|-------|--|--|
| | | De | rivatives | | | |
| (in millions) | Inv | estments | (net) | Total | | |
| Balance at beginning of period | \$ | 5 \$ | 10 \$ | 15 | | |
| Derivative liability resulting from the acquisition of Piedmont | | _ | (187) | (187) | | |
| Purchases, sales, issuances and settlements: | | | | | | |
| Purchases | | _ | 33 | 33 | | |
| Settlements | | _ | (28) | (28) | | |
| Total gains included on the Consolidated Balance Sheet as regulatory assets or liabilities | | _ | 6 | 6 | | |
| Balance at end of period | \$ | 5 \$ | (166) \$ | (161) | | |
| | | Decemb | er 31, 2015 | | | |

| | December 31, 2015 | | | | | |
|--|-------------------|------|--------|-------|--|--|
| | - Derivatives | | | | | |
| (in millions) | Investments | | (net) | Total | | |
| Balance at beginning of period | \$ | 5 \$ | (1) \$ | 4 | | |
| Total pretax realized or unrealized gains (losses) included in earnings | | _ | 21 | 21 | | |
| Purchases, sales, issuances and settlements: | | | | | | |
| Purchases | | _ | 24 | 24 | | |
| Sales | | _ | (1) | (1) | | |
| Settlements | | _ | (37) | (37) | | |
| Total gains included on the Consolidated Balance Sheet as regulatory assets or liability | ties | _ | 4 | 4 | | |
| Balance at end of period | \$ | 5 \$ | 10 \$ | 15 | | |

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|---|--------------------|--------------|-----------------------|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | |

DUKE ENERGY CAROLINAS

The following tables provide recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets. Derivative amounts in the table below exclude cash collateral, which is disclosed in Note 14. See Note 15 for additional information related to investments by major security type.

| | | Decen | nber 31, 2016 | | |
|--|---------------------|----------|---------------|-------------|--------------------|
| (in millions) | Total Fair Value | Level 1 | Level 2 | Level 3 | Not Categorized |
| Nuclear decommissioning trust fund equity securities | \$ 2,245 \$ | 2,168 \$ | — \$ | — \$ | 77 |
| Nuclear decommissioning trust fund debt securities | 1,013 | 178 | 835 | _ | _ |
| Other available-for-sale debt securities | 3 | _ | _ | 3 | _ |
| Derivative assets | 33 | _ | 33 | _ | _ |
| Total assets | 3,294 | 2,346 | 868 | 3 | 77 |
| Derivative liabilities | (16) | _ | (16) | _ | _ |
| Net assets | \$ 3,278 \$ | 2,346 \$ | 852 \$ | 3 \$ | 77 |

| | | Decer | mber 31, 2015 | | | |
|--|-------------------------|----------|---------------|---------|--------------------|--|
| (in millions) | Total Fair Value | Level 1 | Level 2 | Level 3 | Not Categorized | |
| Nuclear decommissioning trust fund equity securities | \$ 2,094 \$ | 1,922 \$ | — \$ | — \$ | 172 | |
| Nuclear decommissioning trust fund debt securities | 944 | 246 | 698 | _ | _ | |
| Other available-for-sale debt securities | 3 | _ | _ | 3 | _ | |
| Total assets | 3,041 | 2,168 | 698 | 3 | 172 | |
| Derivative liabilities | (45) | _ | (45) | _ | _ | |
| Net assets | \$ 2,996 \$ | 2,168 \$ | 653 \$ | 3 \$ | 172 | |

There was no change to the Level 3 balance during the years ended December 31, 2016 and 2015.

PROGRESS ENERGY

The following tables provide recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets. Derivative amounts in the table below exclude cash collateral, which is disclosed in Note 14. See Note 15 for additional information related to investments by major security type.

| | December 31, 2016 | | | | |
|--|-------------------|---------------------|----------|---------|--|
| (in millions) | | Total Fair Value | Level 1 | Level 2 | |
| Nuclear decommissioning trust fund equity securities | \$ | 1,861 \$ | 1,861 \$ | _ | |
| Nuclear decommissioning trust fund debt securities | | 1,065 | 454 | 611 | |
| Other available-for-sale debt securities | | 65 | 21 | 44 | |
| Derivative assets | | 85 | _ | 85 | |
| Total assets | | 3,076 | 2,336 | 740 | |
| Derivative liabilities | | (25) | _ | (25) | |
| Net assets | \$ | 3,051 \$ | 2,336 \$ | 715 | |

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|---|----------------------|----------------|-----------------------|--|--|
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| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | |

| | December 31, 2015 | | | | | |
|--|-------------------------|----------|---------|--|--|--|
| (in millions) | Total Fair Value | Level 1 | Level 2 | | | |
| Nuclear decommissioning trust fund equity securities | \$ 1,496 \$ | 1,496 \$ | _ | | | |
| Nuclear decommissioning trust fund debt securities | 1,283 | 426 | 857 | | | |
| Other available-for-sale debt securities | 63 | 18 | 45 | | | |
| Derivative assets | 11 | _ | 11 | | | |
| Total assets | 2,853 | 1,940 | 913 | | | |
| Derivative liabilities | (322) | _ | (322) | | | |
| Net assets | \$ 2,531 \$ | 1,940 \$ | 591 | | | |

DUKE ENERGY PROGRESS

The following tables provide recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets. Derivative amounts in the table below exclude cash collateral which is disclosed in Note 14. See Note 15 for additional information related to investments by major security type.

| | Decer | nber 31, 2016 | |
|--|-------------------------|---------------|---------|
| (in millions) | Total Fair Value | Level 1 | Level 2 |
| Nuclear decommissioning trust fund equity securities | \$ 1,505 \$ | 1,505 \$ | _ |
| Nuclear decommissioning trust fund debt securities and other | 708 | 207 | 501 |
| Other available-for-sale debt securities and other | 1 | 1 | _ |
| Derivative assets | 46 | _ | 46 |
| Total assets | 2,260 | 1,713 | 547 |
| Derivative liabilities | (7) | _ | (7) |
| Net assets | \$ 2,253 \$ | 1,713 \$ | 540 |

| | Decen | nber 31, 2015 | |
|--|-------------------------|---------------|---------|
| (in millions) | Total Fair Value | Level 1 | Level 2 |
| Nuclear decommissioning trust fund equity securities | \$ 1,178 \$ | 1,178 \$ | _ |
| Nuclear decommissioning trust fund debt securities and other | 860 | 141 | 719 |
| Other available-for-sale debt securities and other | 1 | 1 | _ |
| Derivative assets | 2 | _ | 2 |
| Total assets | 2,041 | 1,320 | 721 |
| Derivative liabilities | (98) | _ | (98) |
| Net assets | \$ 1,943 \$ | 1,320 \$ | 623 |

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|---|----------------------|----------------|-----------------------|--|--|
| | (1) X An Original | (Mo, Da, Yr) | • | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | |

DUKE ENERGY FLORIDA

The following tables provide recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets. Derivative amounts in the table below exclude cash collateral which is disclosed in Note 14. See Note 15 for additional information related to investments by major security type.

| | Decen | nber 31, 2016 | |
|--|-------------------------|---------------|---------|
| (in millions) | Total Fair Value | Level 1 | Level 2 |
| Nuclear decommissioning trust fund equity securities | \$ 356 \$ | 356 \$ | _ |
| Nuclear decommissioning trust fund debt securities and other | 357 | 247 | 110 |
| Other available-for-sale debt securities and other | 48 | 4 | 44 |
| Derivative assets | 39 | _ | 39 |
| Total assets | 800 | 607 | 193 |
| Derivative liabilities | (12) | _ | (12) |
| Net assets | \$ 788 \$ | 607 \$ | 181 |

| | December 31, 2015 | | | |
|--|-------------------|---------------------|---------|---------|
| (in millions) | | Total Fair Value | Level 1 | Level 2 |
| Nuclear decommissioning trust fund equity securities | \$ | 318 \$ | 318 \$ | _ |
| Nuclear decommissioning trust fund debt securities and other | | 423 | 285 | 138 |
| Other available-for-sale debt securities and other | | 51 | 6 | 45 |
| Derivative assets | | 7 | _ | 7 |
| Total assets | | 799 | 609 | 190 |
| Derivative liabilities | | (216) | _ | (216) |
| Net assets (liabilities) | \$ | 583 \$ | 609 \$ | (26) |

DUKE ENERGY OHIO

The following tables provide recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets. Derivative amounts in the table below exclude cash collateral, which are disclosed in Note 14.

| | December 31, 2016 | | | |
|--------------------------|---------------------|---------|------------|---------|
| (in millions) | Total Fair Value | Level 1 | Level 2 | Level 3 |
| Derivative assets | \$ 5 | \$ — | 5 – | \$ 5 |
| Derivative liabilities | (6) | _ | (6) | _ |
| Net (liabilities) assets | \$ (1) | \$ — | \$ (6) | \$ 5 |

| | December 31, 2015 | | | |
|--------------------------|---------------------|-------------|---------|---------|
| (in millions) | Total Fair Value | Level 1 | Level 2 | Level 3 |
| Derivative assets | \$ 3 \$ | — \$ | — \$ | 3 |
| Derivative liabilities | (7) | _ | (7) | _ |
| Net (liabilities) assets | \$ (4) \$ | – \$ | (7) \$ | 3 |

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|--|------------------------------------|--------------|
|--|------------------------------------|--------------|

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | |

The following table provides a reconciliation of beginning and ending balances of assets and liabilities measured at fair value using Level 3 measurements.

| | | Derivatives (net) | | | | |
|--|--------------------------|-------------------|------|--|--|--|
| | Years Ended December 31, | | | | | |
| (in millions) | | 2016 | 2015 | | | |
| Balance at beginning of period | \$ | 3 \$ | (18) | | | |
| Total pretax realized or unrealized gains (losses) included in earnings | | _ | 21 | | | |
| Purchases, sales, issuances and settlements: | | | | | | |
| Purchases | | 5 | 5 | | | |
| Settlements | | (5) | (5) | | | |
| Total gains included on the Consolidated Balance Sheet as regulatory assets or liabilities | | 2 | _ | | | |
| Balance at end of period | \$ | 5 \$ | 3 | | | |

DUKE ENERGY INDIANA

The following tables provide recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets. Derivative amounts in the table below exclude cash collateral, which is disclosed in Note 14. See Note 15 for additional information related to investments by major security type.

| | December 31, 2016 | | | | |
|--|-------------------------|---------|-------------|---------|--|
| (in millions) | Total Fair Value | Level 1 | Level 2 | Level 3 | |
| Other available-for-sale equity securities | \$ 79 \$ | 79 \$ | - \$ | _ | |
| Other available-for-sale debt securities and other | 31 | _ | 31 | _ | |
| Derivative assets | 16 | _ | _ | 16 | |
| Total assets | 126 | 79 | 31 | 16 | |
| Derivative liabilities | (2) | (2) | _ | _ | |
| Net assets | \$ 124 \$ | 77 \$ | 31 \$ | 16 | |

| | December 31, 2015 | | | | |
|--|-------------------|---------------------|---------|---------|---------|
| (in millions) | | Total Fair Value | Level 1 | Level 2 | Level 3 |
| Other available-for-sale equity securities | \$ | 71 \$ | 71 \$ | — \$ | _ |
| Other available-for-sale debt securities and other | | 30 | 2 | 28 | _ |
| Derivative assets | | 7 | _ | _ | 7 |
| Net assets | \$ | 108 \$ | 73 \$ | 28 \$ | 7 |

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|---|--------------------|----------------|-----------------------|--|--|--|--|
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| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | |

The following table provides a reconciliation of beginning and ending balances of assets and liabilities measured at fair value using Level 3 measurements.

| | | Derivatives (net) | | | | |
|--|----------|--------------------------|------|--|--|--|
| | | Years Ended December 31, | | | | |
| (in millions) | <u> </u> | 2016 | 2015 | | | |
| Balance at beginning of period | \$ | 7 \$ | 14 | | | |
| Purchases, sales, issuances and settlements: | | | | | | |
| Purchases | | 29 | 19 | | | |
| Settlements | | (24) | (30) | | | |
| Total gains included on the Consolidated Balance Sheet as regulatory assets or liabilities | | 4 | 4 | | | |
| Balance at end of period | \$ | 16 \$ | 7 | | | |

QUANTITATIVE INFORMATION ABOUT UNOBSERVABLE INPUTS

The following table includes quantitative information about the Duke Energy Registrants' derivatives classified as Level 3.

7 RTO auction pricing

| | | | | December 31, 2016 | | |
|--------------------------------------|-----|-----------|------------------------|---|-------------------|------|
| | —— | ir Value | | | | |
| Investment Type | (in | millions) | Valuation Technique | Unobservable Input | Range | |
| Duke Energy | | | | | | |
| Natural gas contracts | \$ | (187) | Discounted cash flow | Forward natural gas curves - price per million British thermal unit (MMBtu) | \$ 2.31 - \$ | 4.18 |
| Financial Transmission Rights (FTRs) | | 21 | RTO auction pricing | FTR price – per megawatt-hour (MWh) | (0.83) - | 9.32 |
| Total Level 3 derivatives | \$ | (166) | | | | |
| Duke Energy Ohio | \$ | 5 | RTO auction pricing | FTR price – per MWh | \$ 0.77 - \$ | 3.52 |
| Duke Energy Indiana | | 16 | RTO auction pricing | FTR price – per MWh | (0.83) - | 9.32 |
| | | | | December 31, 2015 | | |
| | Fa | ir Value | | | | |
| Investment Type | (in | millions) | Valuation Technique | Unobservable Input | Range | |
| Duke Energy | \$ | 10 | RTO auction pricing | FTR price – per MWh | \$ (0.74) - \$ | 7.29 |
| Duke Energy Ohio | | 3 | RTO auction pricing | FTR price – per MWh | 0.67 - | 2.53 |

Duke Energy Indiana

FTR price - per MWh

(0.74) -

7.29

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|---|----------------------|----------------|-----------------------|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | |

OTHER FAIR VALUE DISCLOSURES

The fair value and book value of long-term debt, including current maturities, is summarized in the following table. Estimates determined are not necessarily indicative of amounts that could have been settled in current markets. Fair value of long-term debt uses Level 2 measurements.

| | | December 31, 2016 | | December 31, 2015 | | |
|-----------------------|----|-------------------|------------|-------------------|------------|--|
| (in millions) | E | Book Value | Fair Value | Book Value | Fair Value | |
| Duke Energy | \$ | 47,895 \$ | 49,161 \$ | 38,868 \$ | 41,767 | |
| Duke Energy Carolinas | | 9,603 | 10,494 | 8,367 | 9,156 | |
| Progress Energy | | 17,541 | 19,107 | 14,464 | 15,856 | |
| Duke Energy Progress | | 7,011 | 7,357 | 6,518 | 6,757 | |
| Duke Energy Florida | | 6,125 | 6,728 | 4,266 | 4,908 | |
| Duke Energy Ohio | | 1,884 | 2,020 | 1,598 | 1,724 | |
| Duke Energy Indiana | | 3,786 | 4,260 | 3,768 | 4,219 | |

At both December 31, 2016 and December 31, 2015, fair value of cash and cash equivalents, accounts and notes receivable, accounts payable, notes payable and commercial paper and non-recourse notes payable of VIEs are not materially different from their carrying amounts because of the short-term nature of these instruments and/or because the stated rates approximate market rates.

17. VARIABLE INTEREST ENTITIES

A VIE is an entity that is evaluated for consolidation using more than a simple analysis of voting control. The analysis to determine whether an entity is a VIE considers contracts with an entity, credit support for an entity, the adequacy of the equity investment of an entity and the relationship of voting power to the amount of equity invested in an entity. This analysis is performed either upon the creation of a legal entity or upon the occurrence of an event requiring reevaluation, such as a significant change in an entity's assets or activities. A qualitative analysis of control determines the party that consolidates a VIE. This assessment is based on (i) what party has the power to direct the activities of the VIE that most significantly impact its economic performance and (ii) what party has rights to receive benefits or is obligated to absorb losses that could potentially be significant to the VIE. The analysis of the party that consolidates a VIE is a continual reassessment.

CONSOLIDATED VIEs

The obligations of these VIEs discussed in the following paragraphs are nonrecourse to the Duke Energy Registrants. The registrants have no requirement to provide liquidity to, purchase assets of or guarantee performance of these VIEs unless noted in the following paragraphs.

No financial support was provided to any of the consolidated VIEs during the years ended December 31, 2016, 2015 and 2014, or is expected to be provided in the future, that was not previously contractually required.

Receivables Financing - DERF/DEPR/DEFR

Duke Energy Receivables Finance Company, LLC (DERF), Duke Energy Progress Receivables, LLC (DEPR) and Duke Energy Florida Receivables, LLC (DEFR) are bankruptcy remote, special purpose subsidiaries of Duke Energy Carolinas, Duke Energy Progress and Duke Energy Florida, respectively. DERF, DEPR and DEFR are wholly owned limited liability companies with separate legal existence from their parent companies and their assets are not generally available to creditors of their parent companies. On a revolving basis, DERF, DEPR and DEFR buy certain accounts receivable arising from the sale of electricity and related services from their parent companies.

DERF, DEPR and DEFR borrow amounts under credit facilities to buy these receivables. Borrowing availability from the credit facilities is limited to the amount of qualified receivables purchased. The sole source of funds to satisfy the related debt obligations is cash collections from the receivables. Amounts borrowed under the credit facilities are reflected on the Consolidated Balance Sheets as Long-Term Debt.

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| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | |

The most significant activity that impacts the economic performance of DERF, DEPR and DEFR are the decisions made to manage delinquent receivables. Duke Energy Carolinas, Duke Energy Progress and Duke Energy Florida consolidate DERF, DEPR and DEFR, respectively, as they make those decisions.

Receivables Financing - CRC

CRC is a bankruptcy remote, special purpose entity indirectly owned by Duke Energy. On a revolving basis, CRC buys certain accounts receivable arising from the sale of electricity, natural gas and related services from Duke Energy Ohio and Duke Energy Indiana. CRC borrows amounts under a credit facility to buy the receivables from Duke Energy Ohio and Duke Energy Indiana. Borrowing availability from the credit facility is limited to the amount of qualified receivables sold to CRC. The sole source of funds to satisfy the related debt obligation is cash collections from the receivables. Amounts borrowed under the credit facility are reflected on Duke Energy's Consolidated Balance Sheets as Long-Term Debt.

The proceeds Duke Energy Ohio and Duke Energy Indiana receive from the sale of receivables to CRC are typically 75 percent cash and 25 percent in the form of a subordinated note from CRC. The subordinated note is a retained interest in the receivables sold. Depending on collection experience, additional equity infusions to CRC may be required by Duke Energy to maintain a minimum equity balance of \$3 million.

CRC is considered a VIE because (i) equity capitalization is insufficient to support its operations, (ii) power to direct the activities that most significantly impact the economic performance of the entity are not performed by the equity holder and (iii) deficiencies in net worth of CRC are funded by Duke Energy. The most significant activities that impact the economic performance of CRC are decisions made to manage delinquent receivables. Duke Energy consolidates CRC as it makes these decisions. Neither Duke Energy Ohio nor Duke Energy Indiana consolidate CRC.

Receivables Financing - Credit Facilities

The following table outlines amounts and expiration dates of the credit facilities described above.

| | | Duke Energy | | | | | |
|---------------------------------------|---------|-------------|--------------------------|-------------------------|----|------------------------|--|
| | | | Duke Energy Carolinas | Duke Energy Progress | I | Duke Energy Florida | |
| | | CRC | DERF | DEPR | | DEFR | |
| Expiration date | Decembe | er 2018 | December 2018 | February 2019 | | April 2019 | |
| Credit facility amount (in millions) | \$ | 325 | \$ 425 | \$ 300 | \$ | 225 | |
| Amounts borrowed at December 31, 2016 | | 325 | 425 | 300 | | 225 | |
| Amounts borrowed at December 31, 2015 | | 325 | 425 | 254 | | 225 | |

Nuclear Asset-Recovery Bonds - DEFPF

DEFPF is a bankruptcy remote, wholly owned special purpose subsidiary of Duke Energy Florida. DEFPF was formed in 2016 for the sole purpose of issuing nuclear asset-recovery bonds to finance Duke Energy Florida's unrecovered regulatory asset related to Crystal River Unit 3.

In June 2016, DEFPF issued \$1,294 million of senior secured bonds and used the proceeds to acquire nuclear asset-recovery property from Duke Energy Florida. The nuclear asset-recovery property acquired includes the right to impose, bill, collect and adjust a non-bypassable nuclear asset-recovery charge from all Duke Energy Florida retail customers until the bonds are paid in full and all financing costs have been recovered. The nuclear asset-recovery bonds are secured by the nuclear asset-recovery property and cash collections from the nuclear asset-recovery charges are the sole source of funds to satisfy the debt obligation. The bondholders have no recourse to Duke Energy Florida. For additional information see Notes 4 and 6.

DEFPF is considered a VIE primarily because the equity capitalization is insufficient to support its operations. Duke Energy Florida has the power to direct the significant activities of the VIE as described above and therefore Duke Energy Florida is considered the primary beneficiary and consolidates DEFPF.

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| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | |

The following table summarizes the impact of DEFPF on Duke Energy Florida's Consolidated Balance Sheets.

| (in millions) | December 31, 2016 |
|--|-------------------|
| Receivables of VIEs | \$ 6 |
| Regulatory Assets: Current | 50 |
| Current Assets: Other | 53 |
| Regulatory Assets and Deferred Debits: Regulatory assets | 1,142 |
| Current Liabilities: Other | 17 |
| Current maturities of long-term debt | 62 |
| Long-Term Debt | 1,217 |

Commercial Renewables

Certain of Duke Energy's renewable energy facilities are VIEs due to Duke Energy issuing guarantees for debt service and operations and maintenance reserves in support of debt financings. Assets are restricted and cannot be pledged as collateral or sold to third parties without prior approval of debt holders. The activities that most significantly impact the economic performance of these renewable energy facilities were decisions associated with siting, negotiating PPAs, engineering, procurement and construction and decisions associated with ongoing operations and maintenance-related activities. Duke Energy consolidates the entities as it is responsible for all of these decisions. The table below presents material balances reported on Duke Energy's Consolidated Balance Sheets related to renewables VIEs.

| (in millions) | Decem | ber 31, 2016 | December 31, 2015 |
|---|-------|--------------|-------------------|
| Current Assets: Other | \$ | 223 \$ | 138 |
| Property, plant and equipment, cost | | 3,419 | 2,015 |
| Accumulated depreciation and amortization | | (453) | (321) |
| Current maturities of long-term debt | | 198 | 108 |
| Long-Term Debt | | 1,097 | 968 |
| Deferred Credits and Other Liabilities: Deferred income taxes | | 275 | 289 |
| Deferred Credits and Other Liabilities: Other | | 252 | 33 |

NON-CONSOLIDATED VIEs

The following tables summarize the impact of non-consolidated VIEs on the Consolidated Balance Sheets.

| | December 31, 2016 | | | | | | | | | | |
|--|-------------------|-------------|----|-----------|----|-------|----|-------|----------|----|---------|
| | | Duke Energy | | | | | | | | | |
| | | | | | | | | | Duke | | Duke |
| | P | ipeline | С | ommercial | | | | | Energy | | Energy |
| (in millions) | Invest | tments | R | enewables | | Other | | Total | Ohio | | Indiana |
| Receivables from affiliated companies | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ 82 | \$ | 101 |
| Investments in equity method unconsolidated affiliates | i | 487 | | 174 | | 90 | | 751 | _ | | _ |
| Investments and other assets | | 12 | | _ | | _ | | 12 | _ | | _ |
| Total assets | \$ | 499 | \$ | 174 | \$ | 90 | \$ | 763 | \$ 82 | \$ | 101 |
| Other current liabilities | | _ | | _ | | 3 | | 3 | _ | | _ |
| Deferred credits and other liabilities | | _ | | _ | | 13 | | 13 | _ | | _ |
| Total liabilities | \$ | _ | \$ | _ | \$ | 16 | \$ | 16 | \$ _ | \$ | _ |
| Net assets (liabilities) | \$ | 499 | \$ | 174 | \$ | 74 | \$ | 747 | \$ 82 | \$ | 101 |

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| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | |

| | December 31, 2015 | | | | | | | | | | | |
|--|-------------------|----------|----|-----------|-----|-------|----|-------|------|-----|----|---------|
| | | | | Duke | Ene | ergy | | | | | | |
| | | | | | | | | | Du | ke | | Duke |
| | F | Pipeline | C | ommercial | | | | | Ener | gу | | Energy |
| (in millions) | Inves | stments | R | enewables | | Other | | Total | Ol | nio | | Indiana |
| Receivables from affiliated companies | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ | 47 | \$ | 60 |
| Investments in equity method unconsolidated affiliates | | 113 | | 235 | | 39 | | 387 | | | | _ |
| Total assets | \$ | 113 | \$ | 235 | \$ | 39 | \$ | 387 | \$ | 47 | \$ | 60 |
| Other current liabilities | | _ | | _ | | 3 | | 3 | | _ | | _ |
| Deferred credits and other liabilities | | _ | | _ | | 14 | | 14 | | _ | | _ |
| Total liabilities | \$ | _ | \$ | _ | \$ | 17 | \$ | 17 | \$ | _ | \$ | |
| Net assets | \$ | 113 | \$ | 235 | \$ | 22 | \$ | 370 | \$ | 47 | \$ | 60 |

The Duke Energy Registrants are not aware of any situations where the maximum exposure to loss significantly exceeds the carrying values shown above except for the power purchase agreement with OVEC, which is discussed below, and various guarantees, some of which are reflected in the table above as Deferred credits and other liabilities. For more information on various guarantees, refer to Note 7.

Pipeline Investments

Duke Energy has investments in various joint ventures with pipeline projects currently under construction. These entities are considered VIEs due to having insufficient equity to finance their own activities without subordinated financial support. Duke Energy does not have the power to direct the activities that most significantly impact the economic performance, the obligation to absorb losses or the right to receive benefits of these VIEs and therefore does not consolidate these entities. The table below presents Duke Energy's ownership interest and investment balance in in these joint ventures.

| | | Investment Am | ount (in millions) | | |
|--------------|--------------------------------------|----------------------|----------------------|--|--|
| Entity Name | Ownership Interest ^(a) | December 31, 2016 | December 31, 2015 | | |
| ACP | 47% | \$ 265 | \$ 52 | | |
| Sabal Trail | 7.5% | 140 | 61 | | |
| Constitution | 24% | 82 | _ | | |
| Total | | \$ 487 | \$ 113 | | |

(a) The percentages presented reflect Duke Energy's ownership interest as of December 31, 2016. The investment amount presented for ACP as of December 31, 2015, reflects 40 percent ownership interest prior to acquiring an additional 7 percent as a result of the Piedmont acquisition. See Notes 2 and 4 for additional information related to the Piedmont acquisition and increased ownership of ACP.

Commercial Renewables

Duke Energy has investments in various renewable energy project entities. Some of these entities are VIEs due to Duke Energy issuing guarantees for debt service and operations and maintenance reserves in support of debt financings. Duke Energy does not consolidate these VIEs because power to direct and control key activities is shared jointly by Duke Energy and other owners.

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|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

During the year ended December 31, 2016, Duke Energy recorded a \$71 million pretax OTTI of certain wind project investments within Equity in earnings (losses) of unconsolidated affiliates on Duke Energy's Consolidated Statements of Operations. See Note 12 for additional information related to the OTTI.

Other

Duke Energy holds a 50 percent equity interest in DATC. DATC is considered a VIE due to having insufficient equity to finance their own activities without subordinated financial support. The activities that most significantly impact DATC's economic performance are decisions related to investing in existing and development of new transmission facilities. The power to direct these activities is jointly and equally shared by Duke Energy and the other joint venture partner, American Transmission Company, LLC, therefore Duke Energy does not consolidate DATC.

Duke Energy holds a 50 percent equity interest in Pioneer. Pioneer is considered a VIE due to having insufficient equity to finance their own activities without subordinated financial support. The activities that most significantly impact Pioneer's economic performance are decisions related to the development of new transmission facilities. The power to direct these activities is jointly and equally shared by Duke Energy and the other joint venture partner, American Electric Power, therefore Duke Energy does not consolidate Pioneer.

OVEC

Duke Energy Ohio's 9 percent ownership interest in OVEC is considered a non-consolidated VIE due to having insufficient equity to finance their activities without subordinated financial support. As a counterparty to an inter-company power agreement (ICPA), Duke Energy Ohio has a contractual arrangement to buy power from OVEC's power plants through June 2040 commensurate with its power participation ratio, which is equivalent to Duke Energy Ohio's ownership interest. Costs, including fuel, operating expenses, fixed costs, debt amortization, and interest expense are allocated to counterparties to the ICPA based on their power participation ratio. The value of the ICPA is subject to variability due to fluctuation in power prices and changes in OVEC's cost of business, including costs associated with its 2,256 MW of coal-fired generation capacity. Deterioration in the credit quality, or bankruptcy of one or more parties to the ICPA could increase the costs of OVEC. In addition, certain proposed environmental rulemaking could result in future increased cost allocations.

CRC

See discussion under Consolidated VIEs for additional information related to CRC.

Amounts included in Receivables from affiliated companies in the above table for Duke Energy Ohio and Duke Energy Indiana reflect their retained interest in receivables sold to CRC. These subordinated notes held by Duke Energy Ohio and Duke Energy Indiana are stated at fair value. Carrying values of retained interests are determined by allocating carrying value of the receivables between assets sold and interests retained based on relative fair value. The allocated bases of the subordinated notes are not materially different than their face value because (i) the receivables generally turnover in less than two months, (ii) credit losses are reasonably predictable due to the broad customer base and lack of significant concentration and (iii) the equity in CRC is subordinate to all retained interests and thus would absorb losses first. The hypothetical effect on fair value of the retained interests assuming both a 10 percent and a 20 percent unfavorable variation in credit losses or discount rates is not material due to the short turnover of receivables and historically low credit loss history. Interest accrues to Duke Energy Ohio and Duke Energy Indiana on the retained interests using the acceptable yield method. This method generally approximates the stated rate on the notes since the allocated basis and the face value are nearly equivalent. An impairment charge is recorded against the carrying value of both retained interests and purchased beneficial interest whenever it is determined that an OTTI has occurred.

Key assumptions used in estimating fair value are detailed in the following table.

| | Duke Energy O | hio | Duke Energy Indiana | | | |
|-------------------------------|---------------|-------|---------------------|-------|--|--|
| | 2016 | 2015 | 2016 | 2015 | | |
| Anticipated credit loss ratio | 0.5% | 0.6% | 0.3% | 0.3% | | |
| Discount rate | 1.5% | 1.2% | 1.5% | 1.2% | | |
| Receivable turnover rate | 13.3% | 12.9% | 10.6% | 10.6% | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
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| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

The following table shows the gross and net receivables sold.

| | Duke Energy Ohio | | Duke Energy Indiana | | | |
|--------------------------|----------------------|----|---------------------|-----------|----|------|
| (in millions) | 2016 | | 2015 | 2016 | | 2015 |
| Receivables sold | \$ 267 | \$ | 233 | \$ 306 | \$ | 260 |
| Less: Retained interests | 82 | | 47 | 101 | | 60 |
| Net receivables sold | \$ 185 | \$ | 186 | \$ 205 | \$ | 200 |

The following table shows sales and cash flows related to receivables sold.

| | Duke I | Energy Ohio | | Di | uke Energy India | na |
|---------------------------------------|----------------|-----------------|-------|----------|------------------|----------|
| | Years Ende | ed December 31, | | Years | s Ended Decemb | er 31, |
| (in millions) | 2016 | 2015 | 2014 | 2016 | 2015 | 2014 |
| Sales | | | | | | |
| Receivables sold | \$ 1,926 \$ | 1,963 \$ | 2,246 | \$ 2,635 | \$ 2,627 | \$ 2,913 |
| Loss recognized on sale | 9 | 9 | 11 | 11 | 11 | 11 |
| Cash Flows | | | | | | |
| Cash proceeds from receivables sold | 1,882 | 1,995 | 2,261 | 2,583 | 2,670 | 2,932 |
| Collection fees received | 1 | 1 | 1 | 1 | 1 | 1 |
| Return received on retained interests | 2 | 3 | 4 | 5 | 5 | 6 |

Cash flows from the sales of receivables are reflected within Cash Flows From Operating Activities on Duke Energy Ohio's and Duke Energy Indiana's Consolidated Statements of Cash Flows.

Collection fees received in connection with servicing transferred accounts receivable are included in Operation, maintenance and other on Duke Energy Ohio's and Duke Energy Indiana's Consolidated Statements of Operations and Comprehensive Income. The loss recognized on sales of receivables is calculated monthly by multiplying receivables sold during the month by the required discount. The required discount is derived monthly utilizing a three-year weighted average formula that considers charge-off history, late charge history and turnover history on the sold receivables, as well as a component for the time value of money. The discount rate, or component for the time value of money, is the prior month-end LIBOR plus a fixed rate of 1.00 percent.

18. COMMON STOCK

Basic Earnings Per Share (EPS) is computed by dividing net income attributable to Duke Energy common stockholders, adjusted for distributed and undistributed earnings allocated to participating securities, by the weighted average number of common stock outstanding during the period. Diluted EPS is computed by dividing net income attributable to Duke Energy common stockholders, as adjusted for distributed and undistributed earnings allocated to participating securities, by the diluted weighted average number of common stock outstanding during the period. Diluted EPS reflects the potential dilution that could occur if securities or other agreements to issue common stock, such as stock options, were exercised or settled. Duke Energy's participating securities are restricted stock units that are entitled to dividends declared on Duke Energy common stock during the restricted stock unit's vesting periods.

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|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

The following table presents Duke Energy's basic and diluted EPS calculations and reconciles the weighted average number of common stock outstanding to the diluted weighted average number of common stock outstanding.

| | Years Er | nded Decemi | ber 31, |
|--|-------------|-------------|---------|
| (in millions, except per share amounts) | 2016 | 2015 | 2014 |
| Income from continuing operations attributable to Duke Energy common stockholders excluding impact of participating securities | \$ 2,567 | 2,640 | 2,529 |
| Weighted average shares outstanding – basic | 691 | 694 | 707 |
| Weighted average shares outstanding – diluted | 691 | 694 | 707 |
| Earnings per share from continuing operations attributable to Duke Energy common stockholders | | | |
| Basic | \$ 3.71 | 3.80 | 3.58 |
| Diluted | \$ 3.71 | 3.80 | 3.58 |
| Potentially dilutive items excluded from the calculation(a) | 2 | 2 | 2 |
| Dividends declared per common share | \$ 3.36 | 3.24 | 3.15 |

(a) Performance stock awards were not included in the dilutive securities calculation because the performance measures related to the awards had not been met.

Stock Issuance

In March 2016, Duke Energy marketed an equity offering of 10.6 million shares of common stock. In lieu of issuing equity at the time of the offering, Duke Energy entered into Equity Forwards with Barclays. The Equity Forwards required Duke Energy to either physically settle the transactions by issuing 10.6 million shares, or net settle in whole or in part through the delivery or receipt of cash or shares.

On October 5, 2016, following the close of the Piedmont acquisition, Duke Energy physically settled the Equity Forwards in full by delivering 10.6 million shares of common stock in exchange for net cash proceeds of approximately \$723 million. The net proceeds were used to finance a portion of the Piedmont acquisition.

Accelerated Stock Repurchase Program

On April 6, 2015, Duke Energy entered into agreements with each of Goldman, Sachs & Co. and JPMorgan Chase Bank, National Association (the Dealers) to repurchase a total of \$1.5 billion of Duke Energy common stock under an accelerated stock repurchase program (the ASR). Duke Energy made payments of \$750 million to each of the Dealers and was delivered 16.6 million shares, with a total fair value of \$1.275 billion, which represented approximately 85 percent of the total number of shares of Duke Energy common stock expected to be repurchased under the ASR. The company recorded the \$1.5 billion payment as a reduction to common stock as of April 6, 2015. In June 2015, the Dealers delivered 3.2 million additional shares to Duke Energy to complete the ASR. Approximately 19.8 million shares, in total, were delivered to Duke Energy and retired under the ASR at an average price of \$75.75 per share. The final number of shares repurchased was based upon the average of the daily volume weighted average stock prices of Duke Energy's common stock during the term of the program, less a discount.

19. SEVERANCE

As part of strategic planning processes launched in 2015, Duke Energy continued to implement targeted cost savings initiatives during 2016 aimed at reducing operations and maintenance expense. The initiatives included efforts to reduce costs through the standardization of processes and systems, leveraging technology and workforce optimization throughout the company.

Also during 2016, Duke Energy and Piedmont announced severance plans covering certain eligible employees whose employment will be involuntarily terminated without cause as a result of Duke Energy's acquisition of Piedmont. These reductions are a part of the synergies expected to be realized with the acquisition. Refer to Note 2 for additional information on the Piedmont acquisition.

As part of the cost savings initiatives and the Piedmont integration, voluntary and involuntary severance benefit costs were accrued for a total of approximately 600 employees in 2016 and 900 employees in 2015. The following table presents the direct and allocated severance and related expenses recorded by the Duke Energy Registrants. Amounts are included within Operation, maintenance and other on the Consolidated Statements of Operations.

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| | (1) X An Original | (Mo, Da, Yr) | | |
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| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | |

| | | Duke | | Duke | Duke | Duke | Duke |
|------------------------------|--------------|-----------|----------|----------|---------|--------|---------|
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Year Ended December 31, 2016 | \$ 118 \$ | 39 \$ | 40 \$ | 23 \$ | 17 \$ | 3 \$ | 7 |
| Year Ended December 31, 2015 | 142 | 93 | 36 | 28 | 8 | 2 | 6 |

The table below presents the severance liability for past and ongoing severance plans including the plans described above. Amounts for Duke Energy Indiana and Duke Energy Ohio are not material.

| | Duke | | | Duke | Duke |
|------------------------------|--------------|-----------|----------|----------|---------|
| | Duke | Energy | Progress | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida |
| Balance at December 31, 2015 | \$ 136 \$ | 78 \$ | 23 \$ | 19 \$ | 4 |
| Provision/Adjustments | 110 | 18 | 20 | 11 | 9 |
| Cash Reductions | (167) | (83) | (29) | (24) | (5) |
| Balance at December 31, 2016 | \$ 79 \$ | 13 \$ | 14 \$ | 6 \$ | 8 |

20. STOCK-BASED COMPENSATION

The Duke Energy Corporation 2015 Long-Term Incentive Plan (the 2015 Plan) provides for the grant of stock-based compensation awards to employees and outside directors. The 2015 Plan reserves 10 million shares of common stock for issuance. Duke Energy has historically issued new shares upon exercising or vesting of share-based awards. However, Duke Energy may use a combination of new share issuances and open market repurchases for share-based awards that are exercised or vest in the future. Duke Energy has not determined with certainty the amount of such new share issuances or open market repurchases.

The following table summarizes the total expense recognized by the Duke Energy Registrants, net of tax, for stock-based compensation.

| | Years Ended December 31, | | | | |
|-----------------------|--------------------------|-------|-------|------|--|
| (in millions) | | 2016 | 2015 | 2014 | |
| Duke Energy | \$ | 35 \$ | 38 \$ | 38 | |
| Duke Energy Carolinas | | 12 | 14 | 12 | |
| Progress Energy | | 12 | 14 | 14 | |
| Duke Energy Progress | | 7 | 9 | 9 | |
| Duke Energy Florida | | 5 | 5 | 5 | |
| Duke Energy Ohio | | 2 | 2 | 5 | |
| Duke Energy Indiana | | 3 | 4 | 3 | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | |
|---|--------------------|----------------|-----------------------|--|
| • | (1) X An Original | (Mo, Da, Yr) | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | |

Duke Energy's pretax stock-based compensation costs, the tax benefit associated with stock-based compensation expense and stock-based compensation costs capitalized are included in the following table.

| | Years Ended December 31, | | |
|--|------------------------------|-------|------|
| (in millions) | 2016 | 2015 | 2014 |
| Restricted stock unit awards | \$ 36 \$ | 38 \$ | 39 |
| Performance awards | 19 | 23 | 22 |
| Pretax stock-based compensation cost | \$ 55 \$ | 61 \$ | 61 |
| Tax benefit associated with stock-based compensation expense | \$ 20 \$ | 23 \$ | 23 |
| Stock-based compensation costs capitalized | 2 | 3 | 4 |

RESTRICTED STOCK UNIT AWARDS

Restricted stock unit awards generally vest over periods from immediate to three years. Fair value amounts are based on the market price of Duke Energy's common stock on the grant date. The following table includes information related to restricted stock unit awards.

| | Years Ended December 31, | | | |
|-------------------------------|------------------------------|-------|-------|--|
| | 2016 | 2015 | 2014 | |
| Shares awarded (in thousands) | 684 | 524 | 557 | |
| Fair value (in millions) | \$ 52 | \$ 41 | \$ 40 | |

The following table summarizes information about restricted stock unit awards outstanding.

| | | Weighted Average |
|---|----------------|-----------------------|
| | Shares | Grant Date Fair Value |
| | (in thousands) | (per share) |
| Outstanding at December 31, 2015 | 953 | \$ 75 |
| Piedmont transfers in | 113 | 79 |
| Granted | 684 | 75 |
| Vested | (525) | 73 |
| Forfeited | (86) | 76 |
| Outstanding at December 31, 2016 | 1,139 | 76 |
| Restricted stock unit awards expected to vest | 1,056 | 76 |

The total grant date fair value of shares vested during the years ended December 31, 2016, 2015 and 2014 was \$38 million, \$41 million and \$52 million, respectively. At December 31, 2016, Duke Energy had \$27 million of unrecognized compensation cost, which is expected to be recognized over a weighted average period of one year, ten months.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | |
|---|----------------------|----------------|-----------------------|--|
| | (1) X An Original | (Mo, Da, Yr) | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | |

PERFORMANCE AWARDS

Stock-based performance awards generally vest after three years if performance targets are met.

Performance awards granted in 2016, 2015 and 2014 contain market conditions based on the total shareholder return (TSR) of Duke Energy stock relative to a predefined peer group (relative TSR). These awards are valued using a path-dependent model that incorporates expected relative TSR into the fair value determination of Duke Energy's performance-based share awards. The model uses three-year historical volatilities and correlations for all companies in the predefined peer group, including Duke Energy, to simulate Duke Energy's relative TSR as of the end of the performance period. For each simulation, Duke Energy's relative TSR associated with the simulated stock price at the end of the performance period plus expected dividends within the period results in a value per share for the award portfolio. The average of these simulations is the expected portfolio value per share. Actual life to date results of Duke Energy's relative TSR for each grant are incorporated within the model.

For performance awards granted in 2016, the model used a risk-free interest rate of 0.9 percent, which reflects the yield on three-year Treasury bonds as of the grant date, and an expected volatility of 16.1 percent based on Duke Energy's historical volatility over three years using daily stock prices. The performance awards granted in 2016 also contain a performance condition based on Duke Energy's cumulative adjusted EPS.

The following table includes information related to stock-based performance awards.

| | _ | Years Ended December 31, | | | |
|-------------------------------|----|--------------------------|-------|-------|--|
| | | 2016 | 2015 | 2014 | |
| Shares awarded (in thousands) | | 675 | 642 | 542 | |
| Fair value (in millions) | \$ | 25 | \$ 26 | \$ 19 | |

The following table summarizes information about stock-based performance awards outstanding and assumes payout at the maximum level.

| | | Weighted Average |
|---|----------------|-----------------------|
| | Shares | Grant Date Fair Value |
| | (in thousands) | (per share) |
| Outstanding at December 31, 2015 | 1,697 | \$ 40 |
| Granted | 675 | 38 |
| Vested | (544) | 46 |
| Forfeited | (104) | 38 |
| Outstanding at December 31, 2016 | 1,724 | 38 |
| Stock-based performance awards expected to vest | 1,199 | 38 |

The total grant date fair value of shares vested during the years ended December 31, 2016, 2015 and 2014 was \$25 million, \$26 million and \$27 million, respectively. At December 31, 2016, Duke Energy had \$24 million of unrecognized compensation cost, which is expected to be recognized over a weighted average period of one year, ten months.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

STOCK OPTIONS

Stock options are granted with a maximum option term of 10 years and with an exercise price not less than the market price of Duke Energy's common stock on the grant date. The following table summarizes information about stock options outstanding.

| | | W | eighted Average |
|----------------------------------|----------------|----|-----------------|
| | Stock Options | | Exercise Price |
| | (in thousands) | | (per share) |
| Outstanding at December 31, 2015 | 103 | \$ | 69 |
| Exercised | (103) | | 69 |
| Outstanding at December 31, 2016 | _ | | _ |

The following table summarizes additional information related to stock options exercised and granted.

| | Years Ende | ed December 31, | 31, | | |
|--|----------------|-----------------|------|--|--|
| (in millions) | 2016 | 2015 | 2014 | | |
| Intrinsic value of options exercised | \$ 1 \$ | 5 \$ | 6 | | |
| Tax benefit related to options exercised | _ | 2 | 2 | | |
| Cash received from options exercised | 7 | 17 | 25 | | |

21. EMPLOYEE BENEFIT PLANS

DEFINED BENEFIT RETIREMENT PLANS

Duke Energy or its affiliates maintain, and the Subsidiary Registrants participate in, qualified, non-contributory defined benefit retirement plans. The plans cover most U.S. employees using a cash balance formula. Under a cash balance formula, a plan participant accumulates a retirement benefit consisting of pay credits based upon a percentage of current eligible earnings based on age, or age and years of service and interest credits. Certain employees are covered under plans that use a final average earnings formula. Under these average earnings formulas, a plan participant accumulates a retirement benefit equal to the sum of percentages of their (i) highest three-year, four-year, or five-year average earnings, (ii) highest three-year, four-year, or five-year average earnings in excess of covered compensation per year of participation (maximum of 35 years), (iii) highest three-year average earnings times years of participation in excess of 35 years. Duke Energy also maintains, and the Subsidiary Registrants participate in, non-qualified, non-contributory defined benefit retirement plans which cover certain executives. As of January 1, 2014, the qualified and non-qualified non-contributory defined benefit plans are closed to new and rehired non-union and certain unionized employees. Piedmont employees hired or rehired after December 31, 2007, cannot participate in the qualified non-contributory defined benefit plans, but are participants in the Money Purchase Pension (MPP) plan, discussed below.

Duke Energy uses a December 31 measurement date for its defined benefit retirement plan assets and obligations.

Net periodic benefit costs disclosed in the tables below represent the cost of the respective benefit plan for the periods presented. However, portions of the net periodic benefit costs disclosed in the tables below have been capitalized as a component of property, plant and equipment. Amounts presented in the tables below for the Subsidiary Registrants represent the amounts of pension and other post-retirement benefit cost allocated by Duke Energy for employees of the Subsidiary Registrants. Additionally, the Subsidiary Registrants are allocated their proportionate share of pension and post-retirement benefit cost for employees of Duke Energy's shared services affiliate that provide support to the Subsidiary Registrants. These allocated amounts are included in the governance and shared service costs discussed in Note 13.

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| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

Duke Energy's policy is to fund amounts on an actuarial basis to provide assets sufficient to meet benefit payments to be paid to plan participants. The following table includes information related to the Duke Energy Registrants' contributions to its U.S. qualified defined benefit pension plans.

| | | | | Duke | | Duke | Duke | Duke | Duke |
|----------------------------|---------|--------|----|----------|----------|----------|----------|---------|---------|
| | | Duke | | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | | Energy | С | arolinas | Energy | Progress | Florida | Ohio | Indiana |
| Anticipated Contributions: | | | | | | | | | |
| | 2017 \$ | 160 | \$ | 45 | \$ 45 | \$ 25 | \$ 20 | \$ 4 | \$ 9 |
| Contributions Made: | | | | | | | | | |
| | 2016 \$ | 155 | \$ | 43 | \$ 43 | \$ 24 | \$ 20 | \$ 5 | \$ 9 |
| | 2015 | 302 | | 91 | 83 | 42 | 40 | 8 | 19 |
| | 2014 | _ | | _ | _ | _ | _ | _ | _ |

QUALIFIED PENSION PLANS

Components of Net Periodic Pension Costs

| | Duke Energy Progress Energy Energy Energy Ene | | | | | | | | | | | | |
|---|---|----|-----------|----|----------|----|----------|----|---------|----|--------|----|---------|
| | | | Duke | | | | Duke | | Duke | | Duke | | Duke |
| | Duke | | Energy | | Progress | | Energy | | Energy | | Energy | | Energy |
| (in millions) | Energy | (| Carolinas | | Energy | | Progress | | Florida | | Ohio | | Indiana |
| Service cost | \$ 147 | \$ | 48 | \$ | 42 | \$ | 24 | \$ | 19 | \$ | 4 | \$ | 9 |
| Interest cost on projected benefit obligation | 335 | | 86 | | 106 | | 49 | | 55 | | 19 | | 28 |
| Expected return on plan assets | (519) | | (142) | | (168) | | (82) | | (84) | | (27) | | (42) |
| Amortization of actuarial loss | 134 | | 33 | | 51 | | 23 | | 29 | | 4 | | 11 |
| Amortization of prior service credit | (17) | | (8) | | (3) | | (2) | | (1) | | _ | | (1) |
| Settlement charge | 3 | | _ | | _ | | _ | | _ | | _ | | _ |
| Other | 8 | | 2 | | 3 | | 1 | | 1 | | 1 | | 1 |
| Net periodic pension costs(a)(b) | \$ 91 | \$ | 19 | \$ | 31 | \$ | 13 | \$ | 19 | \$ | 1 | \$ | 6 |

| | | | | Year End | lec | l Decembe | r 31 | 1, 2015 | | |
|---|-----------|----|-----------|----------|-----|-----------|------|---------|---------|----------|
| | | | Duke | | | Duke | | Duke | Duke | Duke |
| | Duke | | Energy | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | Energy | (| Carolinas | Energy | | Progress | | Florida | Ohio | Indiana |
| Service cost | \$ 159 | \$ | 50 | \$ 44 | \$ | 23 | \$ | 20 | \$ 4 | \$ 10 |
| Interest cost on projected benefit obligation | 324 | | 83 | 104 | | 48 | | 54 | 18 | 27 |
| Expected return on plan assets | (516) | | (139) | (171) | | (79) | | (87) | (26) | (42) |
| Amortization of actuarial loss | 166 | | 39 | 65 | | 33 | | 31 | 7 | 13 |
| Amortization of prior service (credit) cost | (15) | | (7) | (3) | | (2) | | (1) | _ | 1 |
| Other | 8 | | 2 | 3 | | 1 | | 1 | _ | 1 |
| Net periodic pension costs(a)(b) | \$ 126 | \$ | 28 | \$ 42 | \$ | 24 | \$ | 18 | \$ 3 | \$ 10 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|---|----------------|-----------------------|
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| | NOTES TO FINANCIAL STATEMENTS (Continued) | 1 | |

| | | | | Year End | led | l Decembe | r 3′ | I, 2014 | | |
|---|-----------|----|-----------|----------|-----|-----------|------|---------|---------|----------|
| | | | Duke | | | Duke | | Duke | Duke | Duke |
| | Duke | | Energy | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | Energy | (| Carolinas | Energy | | Progress | | Florida | Ohio | Indiana |
| Service cost | \$ 135 | \$ | 41 | \$ 40 | \$ | 21 | \$ | 20 | \$ 4 | \$ 9 |
| Interest cost on projected benefit obligation | 344 | | 85 | 112 | | 54 | | 57 | 20 | 29 |
| Expected return on plan assets | (511) | | (132) | (173) | | (85) | | (85) | (27) | (41) |
| Amortization of actuarial loss | 150 | | 36 | 68 | | 32 | | 32 | 4 | 13 |
| Amortization of prior service credit | (15) | | (8) | (3) | | (2) | | (1) | _ | _ |
| Other | 8 | | 2 | 3 | | 1 | | 1 | _ | 1 |
| Net periodic pension costs(a)(b) | \$ 111 | \$ | 24 | \$ 47 | \$ | 21 | \$ | 24 | \$ 1 | \$ 11 |

- (a) Duke Energy amounts exclude \$8 million, \$9 million and \$10 million for the years ended December 2016, 2015 and 2014, respectively, of regulatory asset amortization resulting from purchase accounting adjustments associated with Duke Energy's merger with Cinergy in April 2006.
- (b) Duke Energy Ohio amounts exclude \$4 million, \$4 million and \$5 million for the years ended December 2016, 2015 and 2014, respectively, of regulatory asset amortization resulting from purchase accounting adjustments associated with Duke Energy's merger with Cinergy in April 2006

Amounts Recognized in Accumulated Other Comprehensive Income and Regulatory Assets

| | | | | Year End | de | ed Decembe | r 3 | 1, 2016 | | |
|---|-----------|----|------------|-----------|-----|------------|-----|---------|---------|---------|
| | | | Duke | | | Duke | | Duke | Duke | Duke |
| | Duke | | Energy | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | Energy | | Carolinas | Energy | | Progress | | Florida | Ohio | Indiana |
| Regulatory assets, net increase | \$ 214 | \$ | 5 4 | \$ 34 | , | \$ 18 | \$ | 16 | \$ 2 | \$ 9 |
| Accumulated other comprehensive loss (income) | | | | | | | | | | |
| Deferred income tax expense | \$ 4 | | _ | _ | | _ | | _ | _ | _ |
| Prior year service credit arising during the year | (2) |) | _ | _ | | _ | | _ | _ | _ |
| Amortization of prior year actuarial losses | (7) |) | _ | (1) |) | _ | | _ | _ | _ |
| Net amount recognized in accumulated other comprehensive income | \$ (5) | \$ | ; <u> </u> | \$ (1) |) ; | \$ — | \$ | _ | \$ _ | \$ |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|---|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| NO | TES TO FINANCIAL STATEMENTS (Continued) | \ | |

| | | | | | Year End | ed | Decembe | r 3 | 1, 2015 | | |
|---|-----------|----|----------|----|----------|----|----------|-----|---------|----------|----------|
| | | | Duke | | | | Duke | | Duke | Duke | Duke |
| | Duke | | Energy | ı | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | Energy | С | arolinas | | Energy | | Progress | | Florida | Ohio | Indiana |
| Regulatory assets, net increase (decrease) | \$ 173 | \$ | 65 | \$ | 18 | \$ | 14 | \$ | 4 | \$ 14 | \$ 11 |
| Accumulated other comprehensive (income) loss | | | | | | | | | | | |
| Deferred income tax expense | \$ 6 | \$ | _ | \$ | 5 | \$ | _ | \$ | _ | \$ _ | \$ _ |
| Actuarial losses arising during the year | 4 | | _ | | _ | | _ | | _ | _ | _ |
| Prior year service credit arising during the year | 1 | | _ | | _ | | _ | | _ | _ | _ |
| Amortization of prior year actuarial losses | (11) | | _ | | (4) | | _ | | _ | _ | _ |
| Transfer with the Midwest Generation Disposal Group | 3 | | _ | | _ | | _ | | _ | _ | _ |
| Reclassification of actuarial losses to regulatory assets | (6) | | _ | | _ | | _ | | _ | _ | _ |
| Net amount recognized in accumulated other comprehensive income | \$ (3) | \$ | _ | \$ | 1 | \$ | _ | \$ | _ | \$ _ | \$ _ |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | | | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

Reconciliation of Funded Status to Net Amount Recognized

| | Year Ended December 31, 2016 | | | | | | | | | | | | |
|--|------------------------------|--------|----|----------|----|----------|----|----------|----|---------|------------|----|---------|
| | | | | Duke | | | | Duke | | Duke | Duke | | Duke |
| | | Duke | | Energy | F | Progress | | Energy | | Energy | Energy | | Energy |
| (in millions) | | Energy | С | arolinas | | Energy | | Progress | | Florida | Ohio | | Indiana |
| Change in Projected Benefit Obligation | | | | | | | | | | | | | |
| Obligation at prior measurement date | \$ | 7,727 | \$ | 1,995 | \$ | 2,451 | \$ | 1,143 | \$ | 1,276 | \$ 453 | \$ | 649 |
| Obligation assumed from acquisition | | 352 | | _ | | _ | | _ | | _ | _ | | _ |
| Service cost | | 147 | | 48 | | 42 | | 24 | | 19 | 4 | | 9 |
| Interest cost | | 335 | | 86 | | 106 | | 49 | | 55 | 19 | | 28 |
| Actuarial loss | | 307 | | 46 | | 111 | | 52 | | 57 | 13 | | 41 |
| Transfers | | _ | | 14 | | (3) | | (3) | | _ | (3) | | _ |
| Plan amendments | | (52) | | (3) | | _ | | _ | | _ | (3) | | (15) |
| Benefits paid | | (679) | | (234) | | (195) | | (107) | | (84) | (36) | | (54) |
| Impact of settlements | | (6) | | _ | | _ | | _ | | _ | _ | | _ |
| Obligation at measurement date | \$ | 8,131 | \$ | 1,952 | \$ | 2,512 | \$ | 1,158 | \$ | 1,323 | \$ 447 | \$ | 658 |
| Accumulated Benefit Obligation at measurement date | \$ | 8,006 | \$ | 1,952 | \$ | 2,479 | \$ | 1,158 | \$ | 1,290 | \$ 436 | \$ | 649 |
| Change in Fair Value of Plan Assets | | | | | | | | | | | | | |
| Plan assets at prior measurement date | \$ | 8,136 | \$ | 2,243 | \$ | 2,640 | \$ | 1,284 | \$ | 1,321 | \$ 433 | \$ | 655 |
| Assets received from acquisition | | 343 | | _ | | _ | | _ | | _ | _ | | _ |
| Employer contributions | | 155 | | 43 | | 43 | | 24 | | 20 | 5 | | 9 |
| Actual return on plan assets | | 582 | | 159 | | 190 | | 92 | | 95 | 29 | | 47 |
| Benefits paid | | (679) | | (234) | | (195) | | (107) | | (84) | (36) | | (54) |
| Impact of settlements | | (6) | | _ | | _ | | _ | | _ | _ | | _ |
| Transfers | | | | 14 | | (3) | | (3) | | | (3) | | |
| Plan assets at measurement date | \$ | 8,531 | \$ | 2,225 | \$ | 2,675 | \$ | 1,290 | \$ | 1,352 | \$ 428 | \$ | 657 |
| Funded status of plan | \$ | 400 | \$ | 273 | \$ | 163 | \$ | 132 | \$ | 29 | \$ (19) | \$ | (1) |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | |

| | | | | Year End | lec | d December | 31, 2 | 2015 | | |
|---|-------------|-----------|------|----------|-----|------------|-------|--------|------------|---------|
| | | Duke |) | | | Duke | | Duke | Duke | Duke |
| | Duke | Energy | / | Progress | | Energy | Е | nergy | Energy | Energy |
| (in millions) | Energy | Carolinas | \$ | Energy | | Progress | F | lorida | Ohio | Indiana |
| Change in Projected Benefit Obligation | | | | | | | | | | |
| Obligation at prior measurement date | \$ 8,107 | \$ 2,053 | 3 \$ | 2,557 | \$ | 1,187 \$ | 5 | 1,335 | \$ 469 | \$ 673 |
| Obligation transferred with Midwest Generation Disposal Group | (83) | _ | - | _ | | _ | | _ | _ | _ |
| Service cost | 159 | 50 |) | 44 | | 23 | | 20 | 4 | 10 |
| Interest cost | 324 | 83 | 3 | 104 | | 48 | | 54 | 18 | 27 |
| Actuarial gain | (241) | (53 | 3) | (111) | | (46) | | (62) | (9) | (15 |
| Transfers | _ | 8 | 3 | 4 | | 7 | | (3) | 8 | _ |
| Plan amendments | (6) | _ | - | _ | | _ | | _ | _ | (4 |
| Benefits paid | (533) | (146 | 3) | (147) | | (76) | | (68) | (37) | (42 |
| Obligation at measurement date | \$ 7,727 | \$ 1,995 | 5 \$ | 2,451 | \$ | 1,143 \$ | 5 | 1,276 | \$ 453 | \$ 649 |
| Accumulated Benefit Obligation at measurement date | \$ 7,606 | \$ 1,993 | 3 \$ | 2,414 | \$ | 1,143 \$ | \$ | 1,240 | \$ 442 | \$ 628 |
| Change in Fair Value of Plan Assets | | | | | | | | | | |
| Plan assets at prior measurement date | \$ 8,498 | \$ 2,300 |) \$ | 2,722 | \$ | 1,321 \$ | 5 | 1,363 | \$ 456 | \$ 681 |
| Obligation transferred with Midwest Generation Disposal Group | (81) | _ | - | _ | | _ | | _ | _ | _ |
| Employer contributions | 302 | 91 | l | 83 | | 42 | | 40 | 8 | 19 |
| Actual return on plan assets | (50) | (10 |)) | (22) | | (10) | | (11) | (2) | (3 |
| Benefits paid | (533) | (146 | 3) | (147) | | (76) | | (68) | (37) | (42 |
| Transfers | _ | 8 | 3 | 4 | | 7 | | (3) | 8 | _ |
| Plan assets at measurement date | \$ 8,136 | \$ 2,243 | 3 \$ | 2,640 | \$ | 1,284 \$ | 5 | 1,321 | \$ 433 | \$ 655 |
| Funded status of plan | \$ 409 | \$ 248 | 3 \$ | 189 | \$ | 141 \$ | 5 | 45 | \$ (20) | \$ 6 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

Amounts Recognized in the Consolidated Balance Sheets

| | | | | | Dec | en | nber 31, 20 |)16 | i | | |
|---|----|--------|----|-----------|-----------|----|-------------|-----|----------|------------|-----------|
| | | | | Duke | | | Duke | | Duke | Duke | Duke |
| | | Duke | | Energy | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | | Energy | (| Carolinas | Energy | | Progress | | Florida | Ohio | Indiana |
| Prefunded pension(a) | \$ | 518 | \$ | 273 | \$ 225 | \$ | 132 | \$ | 91 | \$ 6 | \$ _ |
| Noncurrent pension liability ^(b) | \$ | 118 | \$ | _ | \$ 62 | \$ | _ | \$ | 62 | \$ 25 | \$ 1 |
| Net asset recognized | \$ | 400 | \$ | 273 | \$ 163 | \$ | 132 | \$ | 29 | \$ (19) | \$ (1 |
| Regulatory assets | \$ | 2,098 | \$ | 476 | \$ 805 | \$ | 378 | \$ | 426 | \$ 81 | \$ 171 |
| Accumulated other comprehensive (income) los | s | | | | | | | | | | |
| Deferred income tax asset | \$ | (41) | \$ | _ | \$ (6) | \$ | _ | \$ | _ | \$ _ | \$ _ |
| Prior service credit | | (6) | | _ | _ | | _ | | _ | _ | _ |
| Net actuarial loss | | 123 | | _ | 16 | | _ | | _ | _ | _ |
| Net amounts recognized in accumulated other comprehensive loss | \$ | 76 | \$ | _ | \$ 10 | \$ | _ | \$ | _ | \$ _ | \$ _ |
| Amounts to be recognized in net periodic pension costs in the next year | n | | | | | | | | | | |
| Unrecognized net actuarial loss | \$ | 147 | \$ | 31 | \$ 52 | \$ | 23 | \$ | 29 | \$ 5 | \$ 8 |
| Unrecognized prior service credit | | (24) | | (8) | (3) | | (2) | | (1) | _ | (2 |
| | | | | | Dec | en | nber 31, 20 |)15 | <u> </u> | | |
| | | | | Duke | | | Duke | | Duke | Duke | Duke |
| | | Duke | | Energy | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | | Energy | (| Carolinas | Energy | | Progress | | Florida | Ohio | Indiana |
| Prefunded pension(a) | \$ | 474 | \$ | 252 | \$ 232 | \$ | 145 | \$ | 84 | \$ 1 | \$ 6 |
| Noncurrent pension liability ^(b) | \$ | 65 | \$ | 4 | \$ 43 | \$ | 4 | \$ | 39 | \$ 21 | \$ _ |
| Net asset recognized | \$ | 409 | \$ | 248 | \$ 189 | \$ | 141 | \$ | 45 | \$ (20) | \$ 6 |
| Regulatory assets | \$ | 1,884 | \$ | 472 | \$ 771 | \$ | 360 | \$ | 410 | \$ 79 | \$ 162 |
| Accumulated other comprehensive (income) los | s | | | | | | | | | | |
| Deferred income tax asset | \$ | (45) | \$ | _ | \$ (6) | \$ | _ | \$ | _ | \$ _ | \$ _ |
| Prior service credit | | (4) | | _ | _ | | _ | | _ | _ | _ |
| Net actuarial loss | | 130 | | | 17 | | _ | | | _ | _ |
| Net amounts recognized in accumulated other comprehensive loss ^(c) | \$ | 81 | \$ | _ | \$ 11 | \$ | _ | \$ | _ | \$ _ | \$ _ |

- (a) Included in Other within Investments and Other Assets on the Consolidated Balance Sheets.
- (b) Included in Accrued pension and other post-retirement benefit costs on the Consolidated Balance Sheets.
- (c) Excludes accumulated other comprehensive income of \$13 million as of December 31, 2015, net of tax, associated with a Brazilian retirement plan.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | | |
|----------------------------|---|----------------|-----------------------|--|--|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | | |
| | NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

Information for Plans with Accumulated Benefit Obligation in Excess of Plan Assets

| | | December 3 | 1, 2016 | |
|--------------------------------|----------------|------------|---------|--------|
| | | | Duke | Duke |
| | Duke | Progress | Energy | Energy |
| (in millions) | Energy | Energy | Florida | Ohio |
| Projected benefit obligation | \$ 1,299 \$ | 665 \$ | 665 \$ | 311 |
| Accumulated benefit obligation | 1,239 | 633 | 633 | 299 |
| Fair value of plan assets | 1,182 | 604 | 604 | 286 |

| | December 31, 2015 | | | | | |
|--------------------------------|-----------------------|----------|---------|--------|--|--|
| | | | Duke | Duke | | |
| | Duke | Progress | Energy | Energy | | |
| (in millions) | Energy | Energy | Florida | Ohio | | |
| Projected benefit obligation | \$ 1,216 \$ | 611 \$ | 611 \$ | 307 | | |
| Accumulated benefit obligation | 1,158 | 575 | 575 | 298 | | |
| Fair value of plan assets | 1,151 | 574 | 574 | 289 | | |

Assumptions Used for Pension Benefits Accounting

The discount rate used to determine the current year pension obligation and following year's pension expense is based on a bond selection-settlement portfolio approach. This approach develops a discount rate by selecting a portfolio of high quality corporate bonds that generate sufficient cash flow to provide for projected benefit payments of the plan. The selected bond portfolio is derived from a universe of non-callable corporate bonds rated Aa quality or higher. After the bond portfolio is selected, a single interest rate is determined that equates the present value of the plan's projected benefit payments discounted at this rate with the market value of the bonds selected.

The average remaining service period of active covered employees is nine years for Duke Energy, Duke Energy Carolinas, Progress Energy, Duke Energy Progress, Duke Energy Florida, Duke Energy Ohio and Duke Energy Indiana.

The following tables present the assumptions or range of assumptions used for pension benefit accounting.

| | | December 31, | | | | | | | |
|--|---------------|---------------|---------------|--|--|--|--|--|--|
| | 2016 | 2016 2015 | | | | | | | |
| Benefit Obligations | | | | | | | | | |
| Discount rate | 4.10% | 4.40% | 4.10% | | | | | | |
| Salary increase | 4.00% - 4.50% | 4.00% - 4.40% | 4.00% - 4.40% | | | | | | |
| Net Periodic Benefit Cost | | | | | | | | | |
| Discount rate | 4.40% | 4.10% | 4.70% | | | | | | |
| Salary increase | 4.00% - 4.40% | 4.00% - 4.40% | 4.00% - 4.40% | | | | | | |
| Expected long-term rate of return on plan assets | 6.50% - 6.75% | 6.50% | 6.75% | | | | | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | | |

Expected Benefit Payments

| | | Duke | | Duke | Duke | Duke | Duke |
|---------------------------|--------------|-----------|----------|----------|---------|--------|---------|
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Years ending December 31, | | | | | | | |
| 2017 | \$ 585 \$ | 162 \$ | 159 \$ | 84 \$ | 74 \$ | 35 \$ | 49 |
| 2018 | 595 | 171 | 159 | 83 | 75 | 33 | 49 |
| 2019 | 613 | 177 | 164 | 86 | 76 | 33 | 48 |
| 2020 | 632 | 186 | 171 | 90 | 79 | 34 | 47 |
| 2021 | 637 | 181 | 175 | 92 | 81 | 35 | 48 |
| 2022 – 2026 | 3,099 | 867 | 890 | 455 | 425 | 161 | 219 |

NON-QUALIFIED PENSION PLANS

Components of Net Periodic Pension Costs

| | | | Year Ende | d December 3 | 31, 2016 | | |
|---|-------------|-------------|-----------|--------------|-------------|-------------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Service cost | \$ 2 \$ | - \$ | · - \$ | - \$ | — \$ | — \$ | _ |
| Interest cost on projected benefit obligation | 14 | 1 | 5 | 1 | 2 | _ | _ |
| Amortization of actuarial loss | 8 | 1 | 1 | 1 | 1 | _ | _ |
| Amortization of prior service credit | (1) | _ | _ | _ | _ | _ | _ |
| Net periodic pension costs | \$ 23 \$ | 2 \$ | 6 9 | 2 \$ | 3 \$ | — \$ | _ |

| | | | | Year Ende | d December 3 | 31, 2015 | | |
|---|----|--------|-----------|-----------|--------------|----------|-------------|---------|
| | | | Duke | | Duke | Duke | Duke | Duke |
| | | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Service cost | \$ | 3 \$ | S — \$ | 1 9 | - \$ | — \$ | — \$ | _ |
| Interest cost on projected benefit obligation | | 13 | 1 | 4 | 1 | 2 | _ | _ |
| Amortization of actuarial loss | | 6 | _ | 2 | 1 | 2 | _ | 1 |
| Amortization of prior service credit | _ | (1) | _ | (1) | _ | _ | _ | |
| Net periodic pension costs | \$ | 21 \$ | 1 \$ | 6.5 | 2 \$ | 4 \$ | — \$ | 1 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--------------------------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| NOTE | S TO FINANCIAL STATEMENTS (Continued |) | |

| | | | Year Ende | d December : | 31, 2014 | | |
|---|-------------|-----------|-----------|--------------|-------------|-------------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Service cost | \$ 3 \$ | S — \$ | 1 9 | 1 \$ | — \$ | — \$ | _ |
| Interest cost on projected benefit obligation | 14 | 1 | 5 | 1 | 2 | _ | _ |
| Amortization of actuarial loss | 3 | _ | 2 | _ | _ | _ | _ |
| Amortization of prior service credit | (1) | _ | (1) | _ | _ | _ | _ |
| Net periodic pension costs | \$ 19 \$ | 1 \$ | 7 9 | 2 \$ | 2 \$ | — \$ | _ |

Amounts Recognized in Accumulated Other Comprehensive Income and Regulatory Assets and Liabilities

| | | | Year Ende | d December 3 | 31, 2016 | | |
|--|------------------|-------------|-----------|-----------------|-------------|-------------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Regulatory assets, net (decrease) increase | \$ (3) | (2)\$ | 2 \$ | 1 \$ | 1 \$ | — \$ | (1) |
| Regulatory liabilities, net increase (decrease) | \$ - 9 | · - \$ | · - \$ | - \$ | — \$ | — \$ | |
| Accumulated other comprehensive (income) loss | | | | | | | |
| Deferred income tax benefit | \$ <u> </u> | - \$ | · — \$ | - \$ | — \$ | — \$ | _ |
| Prior service credit arising during the year | (1) | _ | _ | _ | _ | _ | _ |
| Actuarial loss arising during the year | 1 | _ | _ | _ | _ | _ | _ |
| Net amount recognized in accumulated other comprehensive loss (income) | \$ — 9 | s — \$ | 5 — \$ | 5 – \$ | — \$ | - \$ | _ |

| | | | Year Ende | d December 3 | 31, 2015 | | |
|--|-------------|-----------|-----------|--------------|-------------|-------------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Regulatory assets, net (decrease) increase | \$ (13) | 2 9 | (16)\$ | (1)\$ | (15)\$ | — \$ | (1) |
| Accumulated other comprehensive (income) loss | | | | | | | |
| Deferred income tax benefit | \$ (7) | S — 9 | (5)\$ | - \$ | — \$ | — \$ | _ |
| Amortization of prior service credit | 1 | _ | _ | _ | _ | _ | _ |
| Actuarial gains arising during the year | 17 | _ | 13 | _ | _ | _ | _ |
| Net amount recognized in accumulated other comprehensive loss (income) | \$ 11 \$ | s — s | 8 8 | S — \$ | — \$ | -\$ | _ |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

Reconciliation of Funded Status to Net Amount Recognized

| | | | Year Ende | d December | 31, 2016 | | |
|--|-------------------|-------------|-----------|------------|-------------|-------------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy (| Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Change in Projected Benefit Obligation | | | | | | | |
| Obligation at prior measurement date | \$ 341 \$ | 16 \$ | 112 | \$ 33 \$ | 46 \$ | 4 \$ | 5 |
| Obligation assumed from acquisition | 5 | _ | _ | _ | _ | _ | _ |
| Service cost | 2 | _ | _ | _ | _ | _ | _ |
| Interest cost | 14 | 1 | 5 | 1 | 2 | _ | _ |
| Actuarial losses (gains) | 4 | (1) | 5 | 2 | 1 | _ | (2) |
| Plan amendments | (2) | _ | _ | _ | _ | _ | _ |
| Benefits paid | (32) | (2) | (8) | (3) | (3) | _ | _ |
| Obligation at measurement date | \$ 332 \$ | 14 \$ | 114 | \$ 33 \$ | 46 \$ | 4 \$ | 3 |
| Accumulated Benefit Obligation at measurement date | \$ 332 \$ | 14 \$ | 114 | \$ 33 \$ | 46 \$ | 4 \$ | 3 |
| Change in Fair Value of Plan Assets | | | | | | | |
| Benefits paid | \$ (32)\$ | (2) | (8) | \$ (3)\$ | (3)\$ | — \$ | _ |
| Employer contributions | 32 | 2 | 8 | 3 | 3 | _ | _ |
| Plan assets at measurement date | \$ — \$ | — \$ | · — | \$ - \$ | — \$ | — \$ | _ |

| | | | Year Ende | d December | 31, 2015 | | |
|--|-------------------|-----------|-----------|------------|-------------|-------------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy (| Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Change in Projected Benefit Obligation | | | | | | | |
| Obligation at prior measurement date | \$ 337 \$ | 16 \$ | 116 | \$ 35 \$ | 61 \$ | 4 \$ | 5 |
| Service cost | 3 | _ | 1 | _ | _ | _ | _ |
| Interest cost | 13 | 1 | 4 | 1 | 2 | _ | _ |
| Actuarial losses (gains) | 10 | 1 | (1) | _ | (14) | _ | _ |
| Transfers | 4 | _ | _ | _ | _ | _ | _ |
| Benefits paid | (26) | (2) | (8) | (3) | (3) | _ | _ |
| Obligation at measurement date | \$ 341 \$ | 16 \$ | 112 | \$ 33 \$ | 46 \$ | 4 \$ | 5 |
| Accumulated Benefit Obligation at measurement date | \$ 336 \$ | 16 9 | 112 | 33 \$ | 46 \$ | 4 \$ | 5 |
| Change in Fair Value of Plan Assets | | | | | | | _ |
| Plan assets at prior measurement date | _ | _ | _ | _ | _ | _ | _ |
| Benefits paid | (26) | (2) | (8) | (3) | (3) | _ | _ |
| Employer contributions | 26 | 2 | 8 | 3 | 3 | _ | _ |
| Plan assets at measurement date | \$ — \$ | _ \$ | ; — ; | \$ -\$ | — \$ | - \$ | _ |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

Amounts Recognized in the Consolidated Balance Sheets

| | | | Dece | ember 31, 20 | 16 | | |
|---|--------------|-----------|----------|--------------|-------------|-------------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Current pension liability ^(a) | \$ 28 \$ | 2 \$ | 8 \$ | 2 \$ | 3 \$ | — \$ | _ |
| Noncurrent pension liability(b) | 304 | 12 | 106 | 31 | 43 | 4 | 3 |
| Total accrued pension liability | \$ 332 \$ | 14 \$ | 114 \$ | 33 \$ | 46 \$ | 4 \$ | 3 |
| Regulatory assets | \$ 73 \$ | 5 5 \$ | 18 \$ | 7 \$ | 11 \$ | 1 \$ | _ |
| Accumulated other comprehensive (income) loss | | | | | | | |
| Deferred income tax asset | \$ (3)\$ | - \$ | (3)\$ | - \$ | — \$ | - \$ | _ |
| Prior service credit | (1) | _ | _ | _ | _ | _ | _ |
| Net actuarial loss | 10 | _ | 9 | _ | _ | _ | _ |
| Net amounts recognized in accumulated other comprehensive income | \$ 6 \$ | s — \$ | 6 9 | - \$ | — \$ | - \$ | _ |
| Amounts to be recognized in net periodic pension expense in the next year | | | | | | | |
| Unrecognized net actuarial loss | \$ 7 \$ | · - \$ | 2 \$ | 1 \$ | 1 \$ | — \$ | _ |
| Unrecognized prior service credit | (2) | _ | _ | _ | _ | _ | _ |

| | | | Dece | ember 31, 201 | 5 | | |
|--|-----------|-----------|----------|---------------|---------|-------------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Current pension liability(a) | \$ 27 | \$ 2\$ | 8 \$ | 3 \$ | 3 \$ | — \$ | _ |
| Noncurrent pension liability(b) | 314 | 14 | 104 | 30 | 43 | 4 | 5 |
| Total accrued pension liability | \$ 341 | \$ 16 \$ | 112 \$ | 33 \$ | 46 \$ | 4 \$ | 5 |
| Regulatory assets | \$ 76 | \$ 7\$ | 16 \$ | 6 \$ | 10 \$ | 1 \$ | 1 |
| Accumulated other comprehensive (income) loss | | | | | | | |
| Deferred income tax asset | \$ (3) | \$ — \$ | (3)\$ | - \$ | — \$ | — \$ | _ |
| Net actuarial loss | 9 | _ | 9 | _ | _ | _ | _ |
| Net amounts recognized in accumulated other comprehensive loss | \$ 6 : | \$ -\$ | 6 \$ | - \$ | -\$ | -\$ | _ |

⁽a) Included in Other within Current Liabilities on the Consolidated Balance Sheets.

⁽b) Included in Accrued pension and other post-retirement benefit costs on the Consolidated Balance Sheets.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

Information for Plans with Accumulated Benefit Obligation in Excess of Plan Assets

| | | | | Dec | ember 31, 201 | 6 | | |
|--------------------------------|----|--------|-----------|----------|---------------|---------|--------|---------|
| | _ | | Duke | | Duke | Duke | Duke | Duke |
| | | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Projected benefit obligation | \$ | 332 | \$ 14 \$ | 114 | \$ 33 \$ | 46 \$ | 4 \$ | 3 |
| Accumulated benefit obligation | | 332 | 14 | 114 | 33 | 46 | 4 | 3 |

| | | | Dece | ember 31, 201 | 5 | | |
|--------------------------------|-------------|-----------|----------|---------------|---------|--------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Projected benefit obligation | \$ 341 9 | \$ 16 \$ | 112 \$ | 33 \$ | 46 \$ | 4 \$ | 5 |
| Accumulated benefit obligation | 336 | 16 | 112 | 33 | 46 | 4 | 5 |

Assumptions Used for Pension Benefits Accounting

The discount rate used to determine the current year pension obligation and following year's pension expense is based on a bond selection-settlement portfolio approach. This approach develops a discount rate by selecting a portfolio of high quality corporate bonds that generate sufficient cash flow to provide for projected benefit payments of the plan. The selected bond portfolio is derived from a universe of non-callable corporate bonds rated Aa quality or higher. After the bond portfolio is selected, a single interest rate is determined that equates the present value of the plan's projected benefit payments discounted at this rate with the market value of the bonds selected.

The average remaining service period of active covered employees is 10 years for Duke Energy, seven years for Duke Energy Carolinas, Duke Energy Ohio and Duke Energy Indiana, 14 years for Progress Energy, 12 years for Duke Energy Progress and 15 years for Duke Energy Florida.

The following tables present the assumptions used for pension benefit accounting.

| | De | cember 31 | , |
|---------------------------|-------|-----------|-------|
| | 2016 | 2015 | 2014 |
| Benefit Obligations | | | |
| Discount rate | 4.10% | 4.40% | 4.10% |
| Salary increase | 4.40% | 4.40% | 4.40% |
| Net Periodic Benefit Cost | | | |
| Discount rate | 4.40% | 4.10% | 4.70% |
| Salary increase | 4.40% | 4.40% | 4.40% |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

Expected Benefit Payments

| | | Duke | | Duke | Duke | Duke | Duke |
|---------------------------|-------------|-----------|----------|----------|---------|--------|---------|
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Years ending December 31, | | | | | | | |
| 2017 | \$ 29 \$ | 2 \$ | 8 \$ | 3 \$ | 3 \$ | — \$ | _ |
| 2018 | 25 | 2 | 8 | 3 | 3 | _ | _ |
| 2019 | 25 | 2 | 8 | 2 | 3 | _ | _ |
| 2020 | 24 | 2 | 8 | 2 | 3 | _ | _ |
| 2021 | 24 | 1 | 8 | 2 | 3 | _ | _ |
| 2021 - 2025 | 111 | 5 | 36 | 11 | 15 | 1 | 1 |

OTHER POST-RETIREMENT BENEFIT PLANS

Duke Energy provides, and the Subsidiary Registrants participate in, some health care and life insurance benefits for retired employees on a contributory and non-contributory basis. Employees are eligible for these benefits if they have met age and service requirements at retirement, as defined in the plans. The health care benefits include medical, dental and prescription drug coverage and are subject to certain limitations, such as deductibles and co-payments.

Duke Energy did not make any pre-funding contributions to its other post-retirement benefit plans during the years ended December 31, 2016, 2015 or 2014.

Components of Net Periodic Other Post-Retirement Benefit Costs

| | | | | | Year End | lec | l Decembe | r 31 | I, 2016 | | |
|---|----|-------|----|-----------|------------|-----|-----------|------|---------|-----------|---------|
| | | | | Duke | | | Duke | | Duke | Duke | Duke |
| | | Duke | | Energy | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | E | nergy | (| Carolinas | Energy | | Progress | | Florida | Ohio | Indiana |
| Service cost | \$ | 3 | \$ | 1 | \$ 1 | \$ | _ | \$ | 1 | \$ _ | \$ _ |
| Interest cost on accumulated post-retirement benefit obligation | | 35 | | 8 | 15 | | 8 | | 7 | 1 | 4 |
| Expected return on plan assets | | (12) | | (8) | _ | | _ | | _ | _ | (1) |
| Amortization of actuarial loss (gain) | | 6 | | (3) | 22 | | 13 | | 9 | (2) | (1) |
| Amortization of prior service credit | | (141) | | (14) | (103) | | (68) | | (35) | _ | (1) |
| Net periodic post-retirement benefit costs(a)(b) | \$ | (109) | \$ | (16) | \$ (65) | \$ | (47) | \$ | (18) | \$ (1) | \$ 1 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| 1 | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

| _ | | | | Year En | ded | December 3 | 31, 2015 | | |
|---|--------|---------|---------|----------|------|------------|-----------|-------------|---------|
| _ | | Du | ke | | | Duke | Duke | Duke | Duke |
| | Duke | Ener | gy | Progress | | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolin | as | Energy | | Progress | Florida | Ohio | Indiana |
| Service cost \$ | 6 | \$ | 1 : | \$ 1 | \$ | 1 \$ | 5 1 \$ | – \$ | 1 |
| Interest cost on accumulated post-retirement benefit obligation | 36 | | 9 | 15 | | 8 | 7 | 2 | 4 |
| Expected return on plan assets | (13) | | (8) | _ | | _ | _ | (1) | (1) |
| Amortization of actuarial loss (gain) | 16 | | (2) | 28 | | 18 | 10 | (2) | (2) |
| Amortization of prior service credit | (140) | (| (14) | (102 |) | (68) | (35) | _ | _ |
| Net periodic post-retirement benefit costs(a)(b) \$ | (95) | \$ (| (14) \$ | \$ (58 |) \$ | (41) \$ | G (17) \$ | (1) \$ | 2 |

| | | | | Year End | led | l December : | 31, 2 | 2014 | | |
|---|--------|----|-----------|------------|-----|--------------|-------|--------|------------|---------|
| _ | | | Duke | | | Duke | | Duke | Duke | Duke |
| | Duke | | Energy | Progress | | Energy | E | Energy | Energy | Energy |
| (in millions) | Energy | C | Carolinas | Energy | | Progress | F | lorida | Ohio | Indiana |
| Service cost \$ | 10 | \$ | 2 | \$ 4 | \$ | 1 \$ | 3 | 3 | \$ — \$ | 1 |
| Interest cost on accumulated post-retirement benefit obligation | 49 | | 12 | 22 | | 11 | | 12 | 2 | 5 |
| Expected return on plan assets | (13) | | (9) | _ | | _ | | _ | _ | (1) |
| Amortization of actuarial loss (gain) | 39 | | 3 | 42 | | 31 | | 10 | (2) | _ |
| Amortization of prior service credit | (125) | | (11) | (95) | | (73) | | (21) | _ | _ |
| Net periodic post-retirement benefit costs(a)(b) \$ | (40) | \$ | (3) | \$ (27) | \$ | (30) \$ | 3 | 4 | \$ — \$ | 5 |

⁽a) Duke Energy amounts exclude \$8 million, \$10 million and \$9 million for the years ended December 2016, 2015 and 2014, respectively, of regulatory asset amortization resulting from purchase accounting adjustments associated with Duke Energy's merger with Cinergy in April 2006

⁽b) Duke Energy Ohio amounts exclude \$2 million, \$3 million and \$2 million for the years ended December 2016, 2015 and 2014, respectively, of regulatory asset amortization resulting from purchase accounting adjustments associated with Duke Energy's merger with Cinergy in April 2006.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

Amounts Recognized in Accumulated Other Comprehensive Income and Regulatory Assets and Liabilities

| | | | | | Year Ende | ed | December | 31 | , 2016 | | |
|---|----|--------|----|-----------|------------|----|----------|----|---------|-----------|------------|
| | | | | Duke | | | Duke | | Duke | Duke | Duke |
| | | Duke | | Energy | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | | Energy | (| Carolinas | Energy | | Progress | | Florida | Ohio | Indiana |
| Regulatory assets, net increase (decrease) | \$ | 53 | \$ | _ | \$ 47 | \$ | 38 | \$ | 9 | \$ - | \$ (6) |
| Regulatory liabilities, net increase (decrease) | \$ | (114) | \$ | (22) | \$ (51) | \$ | (25) | \$ | (26) | \$ (2) | \$ (12) |
| Accumulated other comprehensive (income) los | s | | | | | | | | | | |
| Deferred income tax benefit | \$ | (2) | \$ | _ | \$ _ | \$ | · – | \$ | _ | \$ _ | \$ _ |
| Actuarial losses arising during the year | | 3 | | _ | _ | | _ | | _ | _ | _ |
| Amortization of prior year prior service credit | | 1 | | _ | 1 | | _ | | _ | _ | _ |
| Net amount recognized in accumulated other comprehensive income | \$ | 2 | \$ | | \$ 1 | \$ | · – | \$ | _ | \$ _ | \$ _ |

| | | Year Ended December 31, 2015 | | | | | | | | | | | |
|---|----|------------------------------|----|-----------|----|----------|----|----------|----|---------|---------|----|---------|
| | | | | Duke | | | | Duke | | Duke | Duke | | Duke |
| | | Duke | | Energy | | Progress | | Energy | | Energy | Energy | | Energy |
| (in millions) | | Energy | (| Carolinas | | Energy | | Progress | | Florida | Ohio | | Indiana |
| Regulatory assets, net increase (decrease) | \$ | 1 | \$ | _ | \$ | 1 | \$ | _ | \$ | 1 | \$ _ | \$ | (7) |
| Regulatory liabilities, net increase (decrease) | \$ | (92) | \$ | (8) | \$ | (71) | \$ | (36) | \$ | (35) | \$ 2 | \$ | (8) |
| Accumulated other comprehensive (income) loss | 3 | | | | | | | | | | | | |
| Deferred income tax benefit | \$ | 2 | \$ | _ | \$ | (1) | \$ | _ | \$ | _ | \$ _ | \$ | _ |
| Actuarial losses (gains) arising during the year | | (5) | | _ | | 2 | | _ | | _ | _ | | _ |
| Transfer with the Midwest Generation Disposal Group | | (3) | | _ | | _ | | _ | | _ | _ | | _ |
| Amortization of prior year prior service credit | | 3 | | _ | | (1) | | _ | | _ | _ | | _ |
| Net amount recognized in accumulated other comprehensive income | \$ | (3) | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ _ | \$ | _ |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | - |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| N | IOTES TO FINANCIAL STATEMENTS (Continued |) | |

Reconciliation of Funded Status to Accrued Other Post-Retirement Benefit Costs

| _ | | | | | Year End | led | l Decembe | r 31 | 1, 2016 | | |
|--|--------|----|-----------|----|----------|-----|-----------|------|---------|----------|----------|
| | | | Duke | | | | Duke | | Duke | Duke | Duke |
| | Duke | | Energy | - | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | Energy | | Carolinas | | Energy | | Progress | | Florida | Ohio | Indiana |
| Change in Projected Benefit Obligation | | | | | | | | | | | |
| Accumulated post-retirement benefit obligation at prior measurement date | \$ 828 | \$ | 200 | \$ | 354 | \$ | 188 | \$ | 164 | \$ 35 | \$ 87 |
| Obligation assumed from acquisition | 39 | | _ | | _ | | _ | | _ | _ | _ |
| Service cost | 3 | | 1 | | 1 | | _ | | 1 | _ | _ |
| Interest cost | 35 | | 8 | | 15 | | 8 | | 7 | 1 | 4 |
| Plan participants' contributions | 19 | | 3 | | 7 | | 4 | | 3 | 1 | 2 |
| Actuarial (gains) losses | 33 | | 5 | | 16 | | 8 | | 8 | _ | 3 |
| Transfers | _ | | 1 | | _ | | _ | | _ | _ | _ |
| Plan amendments | (1 |) | _ | | _ | | _ | | _ | (1) | _ |
| Benefits paid | (88) |) | (17) | | (36) | | (17) | | (19) | (4) | (13) |
| Accumulated post-retirement benefit obligation at measurement date | \$ 868 | \$ | 201 | \$ | 357 | \$ | 191 | \$ | 164 | \$ 32 | \$ 83 |
| Change in Fair Value of Plan Assets | | | | | | | | | | | |
| Plan assets at prior measurement date | \$ 208 | \$ | 134 | \$ | _ | \$ | _ | \$ | 1 | \$ 8 | \$ 19 |
| Assets received from acquisition | 29 | | _ | | _ | | _ | | _ | _ | _ |
| Actual return on plan assets | 14 | | 8 | | 1 | | _ | | _ | 1 | 2 |
| Benefits paid | (88) |) | (17) | | (36) | | (17) | | (19) | (4) | (13) |
| Employer contributions | 62 | | 9 | | 29 | | 13 | | 15 | 1 | 12 |
| Plan participants' contributions | 19 | | 3 | | 7 | | 4 | | 3 | 1 | 2 |
| Plan assets at measurement date | \$ 244 | \$ | 137 | \$ | 1 | \$ | | \$ | _ | \$ 7 | \$ 22 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|-----------------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | • |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| NOTES TO FINAN | CIAL STATEMENTS (Continued) |) | |

| | | | | Year End | dec | d December | r 31, | 2015 | | |
|--|-----------|-----------|----------|----------|-----|------------|-------|---------|----------|----------|
| | | Duke |) | | | Duke | | Duke | Duke | Duke |
| | Duke | Energy | , | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | ; | Energy | | Progress | | Florida | Ohio | Indiana |
| Change in Projected Benefit Obligation | | | | | | | | | | |
| Accumulated post-retirement benefit obligation at prior measurement date | \$ 916 | \$ 220 |) \$ | 379 | \$ | 207 | \$ | 170 | \$ 39 | \$ 96 |
| Service cost | 6 | • | | 1 | | 1 | | 1 | _ | 1 |
| Interest cost | 36 | 9 |) | 15 | | 8 | | 7 | 2 | 4 |
| Plan participants' contributions | 20 | 2 | ļ | 7 | | 4 | | 3 | 1 | 2 |
| Actuarial (gains) losses | (39) | (18 | 3) | (1) | | (13) | | 11 | (3) | 1 |
| Transfers | _ | 2 | <u> </u> | _ | | _ | | _ | _ | _ |
| Plan amendments | (9) | _ | - | _ | | _ | | _ | (1) | (4) |
| Benefits paid | (100) | (18 | 3) | (47) | | (19) | | (28) | (3) | (13) |
| Obligations transferred with the Midwest Generation Disposal Group | (3) | _ | - | _ | | _ | | _ | _ | _ |
| Accrued retiree drug subsidy | 1 | _ | • | _ | | _ | | _ | _ | _ |
| Accumulated post-retirement benefit obligation at measurement date | \$ 828 | \$ 200 |) \$ | 354 | \$ | 188 | \$ | 164 | \$ 35 | \$ 87 |
| Change in Fair Value of Plan Assets | | | | | | | | | | |
| Plan assets at prior measurement date | \$ 227 | \$ 145 | 5 \$ | _ | \$ | (1) | \$ | _ | \$ 8 | \$ 23 |
| Actual return on plan assets | (1) | (* |) | 1 | | 1 | | 1 | _ | (1) |
| Benefits paid | (100) | (18 | 3) | (47) | | (19) | | (28) | (3) | (13) |
| Employer contributions | 62 | 4 | | 39 | | 15 | | 25 | 2 | 8 |
| Plan participants' contributions | 20 | 4 | | 7 | | 4 | | 3 | 1 | 2 |
| Plan assets at measurement date | \$ 208 | \$ 134 | \$ | _ | \$ | _ | \$ | 1 | \$ 8 | \$ 19 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

Amounts Recognized in the Consolidated Balance Sheets

| | | | | Dec | e | mber 31, 20 |)16 | | | |
|--|----|--------|-----------|-----------|-----|-------------|-----|---------|-----------|----------|
| | | | Duke | | | Duke | | Duke | Duke | Duke |
| | | Duke | Energy | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | | Energy | Carolinas | Energy | | Progress | | Florida | Ohio | Indiana |
| Current post-retirement liability(a) | \$ | 38 | \$ _ | \$ 31 | \$ | \$ 17 | \$ | 15 | \$ 2 | \$ _ |
| Noncurrent post-retirement liability(b) | | 586 | 64 | 325 | | 174 | | 149 | 23 | 63 |
| Total accrued post-retirement liability | \$ | 624 | \$ 64 | \$ 356 | ş | 191 | \$ | 164 | \$ 25 | \$ 63 |
| Regulatory assets | \$ | 54 | \$ _ | \$ 48 | \$ | \$ 38 | \$ | 10 | \$ _ | \$ 51 |
| Regulatory liabilities | \$ | 174 | \$ 46 | \$ - | 9 | • | \$ | - | \$ 19 | \$ 71 |
| Accumulated other comprehensive (income) loss | 3 | | | | | | | | | |
| Deferred income tax liability | \$ | 5 | \$ _ | \$ _ | \$ | • — | \$ | _ | \$ _ | \$ _ |
| Prior service credit | | (5) | _ | _ | | _ | | _ | _ | _ |
| Net actuarial gain | | (10) | _ | _ | | _ | | _ | _ | _ |
| Net amounts recognized in accumulated other comprehensive income | \$ | (10) | \$ _ | \$ _ | 9 | \$ — | \$ | _ | \$ _ | \$ _ |
| Amounts to be recognized in net periodic pensio expense in the next year | n | | | | | | | | | |
| Unrecognized net actuarial loss (gain) | \$ | 10 | \$ (2) | \$ 21 | \$ | 12 | \$ | 9 | \$ (2) | \$ (6 |
| Unrecognized prior service credit | | (115) | (10) | (85) | | (55) | | (30) | _ | (1 |
| | | | | Dec | e | mber 31, 20 |)15 | | | |
| | | | Duke | | | Duke | | Duke | Duke | Duke |
| | | Duke | Energy | Progress | | Energy | | Energy | Energy | Energy |
| (in millions) | | Energy | Carolinas | Energy | | Progress | | Florida | Ohio | Indiana |
| Current post-retirement liability ^(a) | \$ | 37 | \$ _ | \$ 31 | 9 | \$ 16 | \$ | 15 | \$ 2 | \$ _ |
| Noncurrent post-retirement liability ^(b) | | 583 | 66 | 323 | | 172 | | 149 | 25 | 68 |
| Total accrued post-retirement liability | \$ | 620 | \$ 66 | \$ 354 | Ş | \$ 188 | \$ | 164 | \$ 27 | \$ 68 |
| Regulatory assets | \$ | 1 | \$ _ | \$ 1 | 9 | \$ — | \$ | 1 | \$ _ | \$ 57 |
| Regulatory liabilities | \$ | 288 | \$ 68 | \$ 51 | 9 | \$ 25 | \$ | 26 | \$ 21 | \$ 83 |
| Accumulated other comprehensive (income) loss | 3 | | | | | | | | | |
| Deferred income tax liability | \$ | 7 | \$ _ | \$ _ | 9 | \$ — | \$ | _ | \$ _ | \$ _ |
| Prior service credit | | (6) | _ | (1) |) | _ | | _ | _ | _ |
| Net actuarial gain | | (13) | _ | _ | | _ | | _ | _ | _ |
| Net amounts recognized in accumulated other comprehensive income | \$ | (12) | \$ _ | \$ (1) | , 5 | \$ — | \$ | _ | \$ _ | \$ |

⁽a) Included in Other within Current Liabilities on the Consolidated Balance Sheets.

⁽b) Included in Accrued pension and other post-retirement benefit costs on the Consolidated Balance Sheets.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

Assumptions Used for Other Post-Retirement Benefits Accounting

The discount rate used to determine the current year other post-retirement benefits obligation and following year's other post-retirement benefits expense is based on a bond selection-settlement portfolio approach. This approach develops a discount rate by selecting a portfolio of high quality corporate bonds that generate sufficient cash flow to provide for projected benefit payments of the plan. The selected bond portfolio is derived from a universe of non-callable corporate bonds rated Aa quality or higher. After the bond portfolio is selected, a single interest rate is determined that equates the present value of the plan's projected benefit payments discounted at this rate with the market value of the bonds selected. The average remaining service period of active covered employees is nine years for Duke Energy, 11 years for Duke Energy Carolinas, eight years for Duke Energy Ohio, nine years for Duke Energy Indiana and Duke Energy Kentucky, seven years for Progress Energy and Duke Energy Progress and eight years for Duke Energy Florida.

The following tables present the assumptions used for other post-retirement benefits accounting.

| | De | ecember 31 | , |
|--|-------|------------|-------|
| | 2016 | 2015 | 2014 |
| Benefit Obligations | | | |
| Discount rate | 4.10% | 4.40% | 4.10% |
| Net Periodic Benefit Cost | | | |
| Discount rate | 4.40% | 4.10% | 4.70% |
| Expected long-term rate of return on plan assets | 6.50% | 6.50% | 6.75% |
| Assumed tax rate | 35% | 35% | 35% |

Assumed Health Care Cost Trend Rate

| | December | 31, |
|--|----------|-------|
| | 2016 | 2015 |
| Health care cost trend rate assumed for next year | 7.00% | 7.50% |
| Rate to which the cost trend is assumed to decline (the ultimate trend rate) | 4.75% | 4.75% |
| Year that rate reaches ultimate trend | 2023 | 2023 |

Sensitivity to Changes in Assumed Health Care Cost Trend Rates

| | Year Ended December 31, 2016 | | | | | | | | | |
|--|------------------------------|--------|-----------|----------|----------|-------------|-------------|---------|--|--|
| | | | Duke | | Duke | Duke | Duke | Duke | | |
| | | Duke | Energy | Progress | Energy | Energy | Energy | Energy | | |
| (in millions) | | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana | | |
| 1-Percentage Point Increase | | | | | | | | | | |
| Effect on total service and interest costs | \$ | 1 9 | - \$ | 1 9 | 1 \$ | — \$ | — \$ | _ | | |
| Effect on post-retirement benefit obligation | | 29 | 7 | 12 | 6 | 5 | 1 | 3 | | |
| 1-Percentage Point Decrease | | | | | | | | | | |
| Effect on total service and interest costs | | (1) | _ | (1) | (1) | _ | _ | _ | | |
| Effect on post-retirement benefit obligation | | (25) | (6) | (10) | (6) | (5) | (1) | (2) | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

Expected Benefit Payments

| | | | Duke | | Duke | Duke | Duke | Duke | |
|---------------------------|----|--------|-----------|----------|----------|---------|--------|---------|--|
| | | Duke | Energy | Progress | Energy | Energy | Energy | Energy | |
| (in millions) | | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana | |
| Years ending December 31, | | | | | | | | | |
| 2017 | \$ | 85 \$ | 18 \$ | 32 \$ | 17 \$ | 15 \$ | 4 \$ | 10 | |
| 2018 | | 81 | 18 | 31 | 16 | 15 | 3 | 9 | |
| 2019 | | 78 | 18 | 31 | 16 | 14 | 3 | 9 | |
| 2020 | | 75 | 18 | 30 | 16 | 14 | 3 | 8 | |
| 2021 | | 72 | 18 | 29 | 15 | 13 | 3 | 7 | |
| 2021 – 2025 | | 310 | 76 | 126 | 67 | 58 | 12 | 31 | |

PLAN ASSETS

Description and Allocations

Duke Energy Master Retirement Trust

Assets for both the qualified pension and other post-retirement benefits are maintained in the Duke Energy Master Retirement Trust. Piedmont also has qualified pension (Piedmont Pension Assets) and other post-retirement assets. Approximately 98 percent of the Duke Energy Master Retirement Trust assets were allocated to qualified pension plans and approximately 2 percent were allocated to other post-retirement plans (comprised of 401(h) accounts), as of December 31, 2016 and 2015. The investment objective of the Duke Energy Master Retirement Trust is to achieve reasonable returns, subject to a prudent level of portfolio risk, for the purpose of enhancing the security of benefits for plan participants.

As of December 31, 2016, Duke Energy assumes pension and other post-retirement plan assets will generate a long-term rate of return of 6.50 percent (6.75 percent for Piedmont Pension and OPEB Assets). The expected long-term rate of return was developed using a weighted average calculation of expected returns based primarily on future expected returns across asset classes considering the use of active asset managers, where applicable. The asset allocation targets were set after considering the investment objective and the risk profile. Equity securities are held for their higher expected return. Debt securities are primarily held to hedge the qualified pension plan liability. Hedge funds, real estate and other global securities are held for diversification. Investments within asset classes are diversified to achieve broad market participation and reduce the impact of individual managers or investments.

In 2013, Duke Energy adopted a de-risking investment strategy for the Duke Energy Master Retirement Trust. As the funded status of the pension plans increase, the targeted allocation to fixed-income assets may be increased to better manage Duke Energy's pension liability and reduce funded status volatility. Duke Energy regularly reviews its actual asset allocation and periodically rebalances its investments to the targeted allocation when considered appropriate.

The Duke Energy Master Retirement Trust is authorized to engage in the lending of certain plan assets. Securities lending is an investment management enhancement that utilizes certain existing securities of the Duke Energy Master Retirement Trust to earn additional income. Securities lending involves the loaning of securities to approved parties. In return for the loaned securities, the Duke Energy Master Retirement Trust receives collateral in the form of cash and securities as a safeguard against possible default of any borrower on the return of the loan under terms that permit the Duke Energy Master Retirement Trust to sell the securities. The Duke Energy Master Retirement Trust mitigates credit risk associated with securities lending arrangements by monitoring the fair value of the securities loaned, with additional collateral obtained or refunded as necessary. The fair value of securities on loan was approximately \$156 million and \$305 million at December 31, 2016 and 2015, respectively. Cash and securities obtained as collateral exceeded the fair value of the securities loaned at December 31, 2016 and 2015, respectively. Securities lending income earned by the Duke Energy Master Retirement Trust was immaterial for the years ended December 31, 2016, 2015 and 2014, respectively.

Qualified pension and other post-retirement benefits for the Subsidiary Registrants are derived from the Duke Energy Master Retirement Trust, as such, each are allocated their proportionate share of the assets discussed below.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | |

The following table includes the target asset allocations by asset class at December 31, 2016 and the actual asset allocations for the Duke Energy Master Retirement Trust.

| | | Actual Allocation at December 31, | | |
|----------------------------------|---------------------------|-----------------------------------|------|--|
| | Target | | | |
| | Allocation ^(a) | 2016 ^(a) | 2015 | |
| U.S. equity securities | 10% | 11% | 11% | |
| Non-U.S. equity securities | 8% | 8% | 8% | |
| Global equity securities | 10% | 10% | 10% | |
| Global private equity securities | 3% | 2% | 2% | |
| Debt securities | 63% | 63% | 63% | |
| Hedge funds | 2% | 2% | 2% | |
| Real estate and cash | 2% | 2% | 2% | |
| Other global securities | 2% | 2% | 2% | |
| Total | 100% | 100% | 100% | |

(a) Excludes Piedmont Pension Assets, which have a targeted asset allocation of 60 percent return-seeking and 40 percent liability hedging fixed-income. Actual asset allocations were 61 percent return-seeking and 39 percent liability hedging fixed-income at December 31, 2016.

Other post-retirement assets

Duke Energy's other post-retirement assets (OPEB Assets) are comprised of Voluntary Employees' Beneficiary Association trusts and mutual funds within a Piedmont 401(h) account (OPEB Assets exclude 401(h) accounts within the Duke Energy Master Retirement Trust). Duke Energy's investment objective is to achieve sufficient returns, subject to a prudent level of portfolio risk, for the purpose of promoting the security of plan benefits for participants.

The following table presents target and actual asset allocations for the OPEB Assets at December 31, 2016.

| | | Actual Allocation at | | |
|------------------------|------------|----------------------|------|--|
| | Target | December 31, | | |
| | Allocation | 2016 | 2015 | |
| U.S. equity securities | 38% | 39% | 29% | |
| Real estate | 2% | 2% | —% | |
| Debt securities | 45% | 37% | 28% | |
| Cash | 15% | 22% | 43% | |
| Total | 100% | 100% | 100% | |

Fair Value Measurements

Duke Energy classifies recurring and non-recurring fair value measurements based on the fair value hierarchy as discussed in Note 16.

Valuation methods of the primary fair value measurements disclosed below are as follows:

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | |

Investments in equity securities

Investments in equity securities are typically valued at the closing price in the principal active market as of the last business day of the reporting period. Principal active markets for equity prices include published exchanges such as NASDAQ and NYSE. Foreign equity prices are translated from their trading currency using the currency exchange rate in effect at the close of the principal active market. Prices have not been adjusted to reflect after-hours market activity. The majority of investments in equity securities are valued using Level 1 measurements. When the price of an institutional commingled fund is unpublished, it is not categorized in the fair value hierarchy, even though the funds are readily available at the fair value.

Investments in corporate debt securities and U.S. government securities

Most debt investments are valued based on a calculation using interest rate curves and credit spreads applied to the terms of the debt instrument (maturity and coupon interest rate) and consider the counterparty credit rating. Most debt valuations are Level 2 measurements. If the market for a particular fixed-income security is relatively inactive or illiquid, the measurement is Level 3. U.S. Treasury debt is typically Level 2.

Investments in short-term investment funds

Investments in short-term investment funds are valued at the net asset value of units held at year end and are readily redeemable at the measurement date. Investments in short-term investment funds with published prices are valued as Level 1. Investments in short-term investment funds with unpublished prices are valued as Level 2.

Investments in real estate limited partnerships

Investments in real estate limited partnerships are valued by the trustee at each valuation date (monthly). As part of the trustee's valuation process, properties are externally appraised generally on an annual basis, conducted by reputable, independent appraisal firms, and signed by appraisers that are members of the Appraisal Institute, with the professional designation MAI. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. There are three valuation techniques that can be used to value investments in real estate assets: the market, income or cost approach. The appropriateness of each valuation technique depends on the type of asset or business being valued. In addition, the trustee may cause additional appraisals to be performed as warranted by specific asset or market conditions. Property valuations and the salient valuation-sensitive assumptions of each direct investment property are reviewed by the trustee quarterly and values are adjusted if there has been a significant change in circumstances related to the investment property since the last valuation. Value adjustments for interim capital expenditures are only recognized to the extent that the valuation process acknowledges a corresponding increase in fair value. An independent firm is hired to review and approve quarterly direct real estate valuations. Key inputs and assumptions used to determine fair value includes among others, rental revenue and expense amounts and related revenue and expense growth rates, terminal capitalization rates and discount rates. Development investments are valued using cost incurred to date as a primary input until substantive progress is achieved in terms of mitigating construction and leasing risk at which point a discounted cash flow approach is more heavily weighted. Key inputs and assumptions in addition to those noted above used to determine the fair value of development investments include construction costs and the status of construction completion and leasing. Investments in real estate limited partnerships are valued at net asset value of units held at year end and are not readily redeemable at the measurement date. Investments in real estate limited partnerships are not categorized within the fair value hierarchy.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | |

Duke Energy Master Retirement Trust

The following tables provide the fair value measurement amounts for the Duke Energy Master Retirement Trust qualified pension and other post-retirement assets and Piedmont Pension Assets.

| | December 31, 2016 | | | | | | | | |
|--|-------------------|------------|----|---------|----|---------|----|---------|----------------|
| | | Total Fair | | | | | | | Not |
| (in millions) | | Value | | Level 1 | | Level 2 | | Level 3 | Categorized(b) |
| Equity securities | \$ | 2,472 | \$ | 1,677 | \$ | 27 | \$ | 9 | 759 |
| Corporate debt securities | | 4,330 | | 8 | | 4,322 | | _ | _ |
| Short-term investment funds | | 476 | | 211 | | 265 | | _ | _ |
| Partnership interests | | 157 | | _ | | _ | | _ | 157 |
| Hedge funds | | 232 | | _ | | _ | | _ | 232 |
| Real estate limited partnerships | | 144 | | 17 | | _ | | _ | 127 |
| U.S. government securities | | 734 | | _ | | 734 | | _ | _ |
| Guaranteed investment contracts | | 29 | | _ | | _ | | 29 | _ |
| Governments bonds – foreign | | 32 | | _ | | 32 | | _ | _ |
| Cash | | 17 | | 15 | | 2 | | _ | _ |
| Government and commercial mortgage backed securities | | _ | | _ | | _ | | _ | _ |
| Net pending transactions and other investments | | 32 | | 1 | | 6 | | _ | 25 |
| Total assets(a) | \$ | 8,655 | \$ | 1,929 | \$ | 5,388 | \$ | 38 | \$ 1,300 |

- Duke Energy Carolinas, Progress Energy, Duke Energy Progress, Duke Energy Florida, Duke Energy Ohio and Duke Energy Indiana were allocated approximately 27 percent, 30 percent, 15 percent, 15 percent, 5 percent and 8 percent, respectively, of the Duke Energy Master Retirement Trust and Piedmont Pension assets at December 31, 2016. Accordingly, all amounts included in the table above are allocable to the Subsidiary Registrants using these percentages.
- (b) Certain investments are not categorized. These investments are measured based on the fair value of the underlying investments but may not be readily redeemable at that fair value.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | |

| | | | Dece | ember 31, 2 | 2015 | | |
|--|---------------------|-------------|------|-------------|------|---------|-----------------------------------|
| (in millions) | Total Fair Value | Level 1 | | Level 2 | | Level 3 | Not Categorized ^(b) |
| Equity securities | \$ 2,160 | \$ 1,470 | \$ | 2 | \$ | _ | \$ 688 |
| Corporate debt securities | 4,362 | _ | | 4,362 | | _ | _ |
| Short-term investment funds | 404 | 192 | | 212 | | _ | _ |
| Partnership interests | 185 | _ | | _ | | _ | 185 |
| Hedge funds | 210 | _ | | _ | | _ | 210 |
| Real estate limited partnerships | 118 | _ | | _ | | _ | 118 |
| U.S. government securities | 748 | _ | | 748 | | _ | _ |
| Guaranteed investment contracts | 31 | _ | | _ | | 31 | _ |
| Governments bonds – foreign | 34 | _ | | 34 | | _ | _ |
| Cash | 10 | 10 | | _ | | _ | _ |
| Government and commercial mortgage backed securities | 9 | _ | | 9 | | _ | _ |
| Net pending transactions and other investments | (28) | (36) |) | 8 | | _ | _ |
| Total assets(a) | \$ 8,243 | \$ 1,636 | \$ | 5,375 | \$ | 31 | \$ 1,201 |

- (a) Duke Energy Carolinas, Progress Energy, Duke Energy Progress, Duke Energy Florida, Duke Energy Ohio and Duke Energy Indiana were allocated approximately 28 percent, 32 percent, 15 percent, 16 percent, 5 percent and 8 percent, respectively, of the Duke Energy Master Retirement Trust assets at December 31, 2015. Accordingly, all amounts included in the table above are allocable to the Subsidiary Registrants using these percentages.
- (b) Certain investments are not categorized. These investments are measured based on the fair value of the underlying investments but may not be readily redeemable at that fair value.

The following table provides a reconciliation of beginning and ending balances of Duke Energy Master Retirement Trust qualified pension and other post-retirement assets and Piedmont Pension Assets at fair value on a recurring basis where the determination of fair value includes significant unobservable inputs (Level 3).

| (in millions) | 2016 | 2015 |
|--|-------------|------|
| Balance at January 1 | \$ 31 \$ | 34 |
| Combination of Piedmont Pension Assets | 9 | _ |
| Sales | (2) | (2) |
| Total gains (losses) and other, net | _ | (1) |
| Balance at December 31 | \$ 38 \$ | 31 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|---|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | • |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
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Other post-retirement assets

The following tables provide the fair value measurement amounts for OPEB Assets.

| | _ | December 31, 2016 | | | | |
|---------------------------|---|-------------------|---------|---------|---------|--|
| | | Total Fair | | | | |
| (in millions) | | Value | Level 1 | Level 2 | Level 3 | |
| Cash and cash equivalents | ; | 14 | _ | \$ 14 | _ | |
| Real estate | | 1 | _ | 1 | _ | |
| Equity securities | | 26 | _ | 26 | _ | |
| Debt securities | | 25 | _ | 25 | _ | |
| Total assets | ; | 66 | _ | \$ 66 | _ | |

| | December 31, 2015 | | | | |
|---------------------------|-----------------------|---------|---------|---------|--|
| | Total Fair | | | | |
| (in millions) | Value | Level 1 | Level 2 | Level 3 | |
| Cash and cash equivalents | \$ 18 | _ | \$ 18 | _ | |
| Equity securities | 12 | _ | 12 | _ | |
| Debt securities | 12 | _ | 12 | _ | |
| Total assets | \$ 42 | _ | \$ 42 | _ | |

EMPLOYEE SAVINGS PLANS

Retirement Savings Plan

Duke Energy or its affiliates sponsor, and the Subsidiary Registrants participate in, employee savings plans that cover substantially all U.S. employees. Most employees participate in a matching contribution formula where Duke Energy provides a matching contribution generally equal to 100 percent of employee before-tax and Roth 401(k) contributions of up to 6 percent of eligible pay per pay period (5 percent for Piedmont employees). Dividends on Duke Energy shares held by the savings plans are charged to retained earnings when declared and shares held in the plans are considered outstanding in the calculation of basic and diluted EPS.

As of January 1, 2014, for new and rehired non-union and certain unionized employees who are not eligible to participate in Duke Energy's defined benefit plans, an additional employer contribution of 4 percent of eligible pay per pay period, which is subject to a three-year vesting schedule, is provided to the employee's savings plan account.

The following table includes pretax employer matching contributions made by Duke Energy and expensed by the Subsidiary Registrants.

| | | | Duke | | | Duke | Duke | Duke | Duke |
|--------------------------|-----------|----|----------|----|----------|----------|----------|------------|---------|
| | Duke | | Energy | F | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | С | arolinas | | Energy | Progress | Florida | Ohio | Indiana |
| Years ended December 31, | | | | | | | | | |
| 2016 | \$ 169 | \$ | 57 | \$ | 50 | \$ 35 | \$ 15 | \$ 3 \$ | 8 |
| 2015 | 159 | | 54 | | 48 | 34 | 13 | 3 | 7 |
| 2014 | 143 | | 47 | | 43 | 30 | 14 | 3 | 7 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
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| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

Money Purchase Pension Plan

Piedmont sponsors the MPP plan, which is a defined contribution pension plan that allows employees to direct investments and assume risk of investment returns. Under the MPP plan, Piedmont annually deposits a percentage of each participant's pay into an account of the MPP plan. This contribution equals 4 percent of the participant's compensation plus an additional 4 percent of compensation above the Social Security wage base up to the IRS compensation limit. The participant is vested in MPP plan after three years of service. No contributions were made to the MPP plan during the three months ended December 31, 2016. In January 2017, a \$2.2 million contribution was made to the MPP plan.

22. INCOME TAXES

Income Tax Expense

Components of Income Tax Expense

| | | | Year Ended | d December 3 | 1, 2016 | | |
|---|-------------|------------|------------|--------------|---------|--------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Current income taxes | | | | | | | |
| Federal \$ | — \$ | 139 \$ | 15 \$ | (59)\$ | 76 \$ | (7)\$ | 7 |
| State | (15) | 25 | (19) | (25) | 22 | (13) | 6 |
| Foreign | 2 | - _ | _ | _ | _ | _ | |
| Total current income taxes | (13) | 164 | (4) | (84) | 98 | (20) | 13 |
| Deferred income taxes | | | | | | | |
| Federal | 1,064 | 430 | 486 | 350 | 199 | 88 | 202 |
| State | 117 | 45 | 50 | 40 | 25 | 11 | 11 |
| Total deferred income taxes ^(a) | 1,181 | 475 | 536 | 390 | 224 | 99 | 213 |
| Investment tax credit amortization | (12) | (5) | (5) | (5) | _ | (1) | (1) |
| Income tax expense from continuing operations | 1,156 | 634 | 527 | 301 | 322 | 78 | 225 |
| Tax (benefit) expense from discontinued operations | (30) | _ | 1 | _ | _ | (36) | _ |
| Total income tax expense included in Consolidated Statements of Operations \$ | 1,126 \$ | 634 \$ | 528 \$ | 301 \$ | 322 \$ | 42 \$ | 225 |

⁽a) Includes benefits of net operating loss (NOL) carryforwards and tax credit carryforwards of \$648 million at Duke Energy, \$4 million at Duke Energy Carolinas, \$190 million at Progress Energy, \$60 million at Duke Energy Progress, \$49 million at Duke Energy Florida, \$26 million at Duke Energy Ohio and \$58 million at Duke Energy Indiana.

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| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | |

| | Year Ended December 31, 2015 | | | | | | |
|---|------------------------------|-----------|----------|----------|---------|--------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Current income taxes | | | | | | | |
| Federal \$ | — \$ | 216 \$ | (193)\$ | (56)\$ | 1 \$ | (18)\$ | (86) |
| State | (12) | 14 | 1 | (4) | (7) | (1) | (12) |
| Foreign | 4 | _ | _ | _ | _ | _ | _ |
| Total current income taxes | (8) | 230 | (192) | (60) | (6) | (19) | (98) |
| Deferred income taxes | | | | | | | |
| Federal | 1,097 | 345 | 694 | 334 | 290 | 96 | 245 |
| State | 181 | 57 | 27 | 27 | 58 | 5 | 17 |
| Total deferred income taxes(a) | 1,278 | 402 | 721 | 361 | 348 | 101 | 262 |
| Investment tax credit amortization | (14) | (5) | (7) | (7) | _ | (1) | (1) |
| Income tax expense from continuing operations | 1,256 | 627 | 522 | 294 | 342 | 81 | 163 |
| Tax expense (benefit) from discontinued operations | 89 | _ | (1) | _ | _ | 22 | _ |
| Total income tax expense included in Consolidated Statements of Operations \$ | 1,345 \$ | 627 \$ | 521 \$ | 294 \$ | 342 \$ | 103 \$ | 163 |

⁽a) Includes benefits of NOL carryforwards and utilization of NOL and tax credit carryforwards of \$264 million at Duke Energy, \$15 million at Duke Energy Carolinas, \$119 million at Progress Energy, \$21 million at Duke Energy Progress, \$84 million at Duke Energy Florida, \$3 million at Duke Energy Ohio and \$45 million at Duke Energy Indiana.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | - | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | |

| | | | Year Ended | d December 3 | 1, 2014 | | |
|---|--------|-----------|------------|--------------|---------|---------|---------|
| · | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Current income taxes | | | | | | | |
| Federal \$ | — 9 | 161 \$ | (466)\$ | (184)\$ | (53)\$ | (73)\$ | (112) |
| State | 56 | 51 | (8) | 14 | 1 | 3 | 1 |
| Foreign | 6 | _ | _ | _ | _ | _ | _ |
| Total current income taxes | 62 | 212 | (474) | (170) | (52) | (70) | (111) |
| Deferred income taxes | | | | | | | _ |
| Federal | 1,144 | 407 | 938 | 436 | 350 | 113 | 294 |
| State | 35 | (25) | 84 | 25 | 52 | 1 | 15 |
| Total deferred income taxes(a)(b) | 1,179 | 382 | 1,022 | 461 | 402 | 114 | 309 |
| Investment tax credit amortization | (16) | (6) | (8) | (6) | (1) | (1) | (1) |
| Income tax expense from continuing operations | 1,225 | 588 | 540 | 285 | 349 | 43 | 197 |
| Tax expense (benefit) from discontinued operations | 149 | _ | (4) | _ | _ | (300) | |
| Total income tax expense (benefit) included in Consolidated Statements of Operations \$ | 1,374 | 588 \$ | 536 \$ | 285 \$ | 349 \$ | (257)\$ | 197 |

- (a) There were no benefits of NOL carryforwards.
- (b) Includes utilization of NOL carryforwards of \$1,544 million at Duke Energy, \$345 million at Duke Energy Carolinas, \$530 million at Progress Energy, \$291 million at Duke Energy Progress, \$64 million at Duke Energy Florida, \$56 million at Duke Energy Ohio and \$141 million at Duke Energy Indiana.

Duke Energy Income from Continuing Operations before Income Taxes

| | Years Ended December 31, | | | | | | | |
|---|------------------------------|----------|-------|--|--|--|--|--|
| (in millions) | 2016 | 2015 | 2014 | | | | | |
| Domestic | \$ 3,689 \$ | 3,831 \$ | 3,637 | | | | | |
| Foreign | 45 | 79 | 126 | | | | | |
| Income from continuing operations before income taxes | \$ 3,734 \$ | 3,910 \$ | 3,763 | | | | | |

Taxes on Foreign Earnings

During 2014, Duke Energy declared a taxable dividend of foreign earnings in the form of notes payable that was expected to result in the repatriation of approximately \$2.7 billion of cash held, and expected to be generated, by International businesses over a period of up to eight years. As a result of the decision to repatriate cumulative historical undistributed foreign earnings, Duke Energy recorded U.S. income tax expense of approximately \$373 million in 2014. As of December 31, 2014, Duke Energy's intention was to indefinitely reinvest any future undistributed foreign earnings.

In February 2016, Duke Energy announced it had initiated a process to divest the International Disposal Group and, accordingly, no longer intended to indefinitely reinvest post-2014 undistributed foreign earnings. This change in the Company's intent, combined with the extension of bonus depreciation by Congress in late 2015, allowed Duke Energy to more efficiently utilize foreign tax credits and reduce U.S. deferred tax liabilities associated with the historical unremitted foreign earnings by approximately \$95 million during the year ended December 31, 2016.

Due to the classification of the International Disposal Group as discontinued operations beginning in the fourth quarter of 2016, income tax amounts related to the International Disposal Group's foreign earnings are presented within (Loss) Income from Discontinued Operations, net of tax on the Consolidated Statements of Operations. In December 2016, Duke Energy closed on the sale of the International Disposal Group in two separate transactions to execute the divestiture. See Note 2 for additional information on the sale.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | |
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| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | |

Statutory Rate Reconciliation

The following tables present a reconciliation of income tax expense at the U.S. federal statutory tax rate to the actual tax expense from continuing operations.

| | | | | | Year End | lec | l December | 31 | , 2016 | | | | |
|---|--------|----|----------|----|----------|-----|------------|----|---------|----|--------|----|---------|
| | | | Duke | | | | Duke | | Duke | | Duke | | Duke |
| | Duke | | Energy | | Progress | | Energy | | Energy | | Energy | | Energy |
| (in millions) | Energy | С | arolinas | | Energy | | Progress | | Florida | | Ohio | | Indiana |
| Income tax expense, computed at the statutory rate of 35 percent \$ | 1,307 | \$ | 630 | \$ | 548 | \$ | 315 \$ | | 306 | \$ | 95 | \$ | 212 |
| State income tax, net of federal income tax effect | 64 | | 46 | | 20 | | 10 | | 30 | | (2) | | 11 |
| AFUDC equity income | (70) | | (36) | | (26) | | (17) | | (9) | | (2) | | (6) |
| Renewable energy production tax credits | (97) | | _ | | _ | | _ | | _ | | _ | | _ |
| Audit adjustment | 5 | | 3 | | _ | | _ | | _ | | _ | | _ |
| Tax true-up | (14) | | (14) | | (11) | | (3) | | (9) | | (16) | | 2 |
| Other items, net | (39) | | 5 | | (4) | | (4) | | 4 | | 3 | | 6 |
| Income tax expense from continuing operations \$ | 1,156 | \$ | 634 | \$ | 527 | \$ | 301 \$ | | 322 | \$ | 78 | \$ | 225 |
| Effective tax rate | 31.0% | 6 | 35.2% | , | 33.7% | 0 | 33.4% | | 36.9% | 0 | 28.9% |) | 37.1% |

| | Year Ended December 31, 2015 | | | | | | |
|---|------------------------------|-----------|----------|-----------|---------|--------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Income tax expense, computed at the statutory rate of 35 percent \$ | 1,369 | \$ 598 \$ | 555 | \$ 302 \$ | 330 \$ | 81 \$ | 168 |
| State income tax, net of federal income tax effect | 109 | 46 | 18 | 15 | 33 | 2 | 2 |
| AFUDC equity income | (58) | (34) | (19) | (17) | (3) | (1) | (4) |
| Renewable energy production tax credits | (72) | _ | (1) | _ | _ | _ | _ |
| Audit adjustment | (22) | _ | (23) | 1 | (24) | _ | _ |
| Tax true-up | 2 | 2 | (3) | (4) | 2 | (5) | (9) |
| Other items, net | (72) | 15 | (5) | (3) | 4 | 4 | 6 |
| Income tax expense from continuing operations \$ | 1,256 | \$ 627 5 | 522 9 | \$ 294 \$ | 342 \$ | 81 \$ | 163 |
| Effective tax rate | 32.1% | 36.7% | 32.9% | 34.2% | 36.3% | 35.2% | 34.0% |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|--|
| · · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | |

| | Year Ended December 31, 2014 | | | | | | |
|---|------------------------------|-----------|----------|-----------|---------|--------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Income tax expense, computed at the statutory rate of 35 percent \$ | 1,317 | \$ 581 | \$ 497 | \$ 263 \$ | 314 \$ | 39 \$ | 195 |
| State income tax, net of federal income tax effect | 59 | 17 | 49 | 25 | 34 | 3 | 10 |
| AFUDC equity income | (47) | (32) | (9) | (9) | _ | (1) | (5) |
| Renewable energy production tax credits | (67) | _ | _ | _ | _ | _ | _ |
| Other items, net | (37) | 22 | 3 | 6 | 1 | 2 | (3) |
| Income tax expense from continuing operations \$ | 1,225 | \$ 588 | \$ 540 | \$ 285 \$ | 349 \$ | 43 \$ | 197 |
| Effective tax rate | 32.6% | 35.4% | 38.0% | 37.9% | 38.9% | 38.9% | 35.5% |

Valuation allowances have been established for certain state NOL carryforwards and state income tax credits that reduce deferred tax assets to an amount that will be realized on a more-likely-than-not basis. The net change in the total valuation allowance is included in the State income tax, net of federal income tax effect in the above tables.

DEFERRED TAXES

Net Deferred Income Tax Liability Components

| | December 31, 2016 | | | | | | | |
|---|-------------------|------------|-----------|-----------|-----------|-----------|-----------|---------|
| | | | Duke | | Duke | Duke | Duke | Duke |
| | | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Deferred credits and other liabilities | \$ | 382 \$ | 66 \$ | 126 \$ | 40 \$ | 93 \$ | 21 \$ | 4 |
| Capital lease obligations | | 60 | 8 | _ | _ | _ | _ | 1 |
| Pension, post-retirement and other employee benefits | | 561 | 16 | 199 | 91 | 96 | 22 | 37 |
| Progress Energy merger purchase accounting adjustments(a) | | 918 | _ | _ | _ | _ | _ | _ |
| Tax credits and NOL carryforwards | | 4,682 | 192 | 1,165 | 222 | 232 | 49 | 278 |
| Investments and other assets | | _ | _ | _ | _ | _ | 3 | _ |
| Other | | 205 | 16 | 35 | 8 | _ | 5 | 9 |
| Valuation allowance | | (96) | _ | (12) | _ | _ | _ | _ |
| Total deferred income tax assets | | 6,712 | 298 | 1,513 | 361 | 421 | 100 | 329 |
| Investments and other assets | | (1,892) | (1,149) | (597) | (313) | (297) | _ | (21) |
| Accelerated depreciation rates | | (14,872) | (4,664) | (4,490) | (2,479) | (2,038) | (1,404) | (1,938) |
| Regulatory assets and deferred debits, net | | (4,103) | (1,029) | (1,672) | (892) | (780) | (139) | (270) |
| Total deferred income tax liabilities | | (20,867) | (6,842) | (6,759) | (3,684) | (3,115) | (1,543) | (2,229) |
| Net deferred income tax liabilities | \$ | (14,155)\$ | (6,544)\$ | (5,246)\$ | (3,323)\$ | (2,694)\$ | (1,443)\$ | (1,900) |

(a) Primarily related to capital lease obligations and debt fair value adjustments.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | |
|---|--------------------|----------------|-----------------------|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | |

The following table presents the expiration of tax credits and NOL carryforwards.

| | December 31, 2016 | | | |
|---|-----------------------|------------|------|--|
| (in millions) | Amount | Expiration | Year | |
| Investment tax credits | \$ 1,143 | 2027 — | 2036 | |
| Alternative minimum tax credits | 1,151 | Indefini | te | |
| Federal NOL carryforwards | 1,267 | 2020 — | 2036 | |
| State NOL carryforwards and credits(a) | 248 | 2017 — | 2036 | |
| Foreign NOL carryforwards(b) | 12 | 2026 — | 2036 | |
| Foreign Tax Credits | 859 | 2024 — | 2026 | |
| Charitable Carryforwards | 2 | 2017 — | 2019 | |
| Total tax credits and NOL carryforwards | \$ 4,682 | | | |

⁽a) A valuation allowance of \$84 million has been recorded on the state NOL carryforwards, as presented in the Net Deferred Income Tax Liability Components table.

⁽b) A valuation allowance of \$12 million has been recorded on the foreign NOL carryforwards, as presented in the Net Deferred Income Tax Liability Components table.

| | | | Dece | mber 31, 201 | 5 | | |
|---|------------------|-----------|-----------|--------------|-----------|-----------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Deferred credits and other liabilities | \$ 201 \$ | 38 \$ | 115 \$ | 25 \$ | 66 \$ | 29 \$ | 5 |
| Capital lease obligations | 63 | 9 | _ | _ | _ | _ | 2 |
| Pension, post-retirement and other employee benefits | 580 | 46 | 186 | 92 | 82 | 24 | 40 |
| Progress Energy merger purchase accounting adjustments ^(a) | 1,009 | _ | _ | _ | _ | _ | _ |
| Tax credits and NOL carryforwards | 3,631 | 170 | 997 | 163 | 177 | 25 | 215 |
| Investments and other assets | _ | _ | _ | _ | _ | 3 | _ |
| Other | 206 | 20 | 48 | 2 | 46 | 37 | 20 |
| Valuation allowance | (93) | _ | (38) | _ | _ | _ | _ |
| Total deferred income tax assets | 5,597 | 283 | 1,308 | 282 | 371 | 118 | 282 |
| Investments and other assets | (1,573) | (1,057) | (412) | (228) | (201) | _ | (7) |
| Accelerated depreciation rates | (12,939) | (4,429) | (4,169) | (2,325) | (1,868) | (1,356) | (1,797) |
| Regulatory assets and deferred debits, net | (3,633) | (943) | (1,517) | (756) | (762) | (169) | (135) |
| Total deferred income tax liabilities | (18,145) | (6,429) | (6,098) | (3,309) | (2,831) | (1,525) | (1,939) |
| Net deferred income tax liabilities | \$ (12,548)\$ | (6,146)\$ | (4,790)\$ | (3,027)\$ | (2,460)\$ | (1,407)\$ | (1,657) |

⁽a) Primarily related to capital lease obligations and debt fair value adjustments.

On August 6, 2015, pursuant to N.C. Gen. Stat. 105-130.3C, the North Carolina Department of Revenue announced the North Carolina corporate income tax rate would be reduced from a statutory rate of 5.0 percent to 4.0 percent beginning January 1, 2016. Duke Energy recorded a net reduction of approximately \$95 million to its North Carolina deferred tax liability in the third quarter of 2015. The significant majority of this deferred tax liability reduction was offset by recording a regulatory liability pending NCUC determination of the disposition of amounts related to Duke Energy Carolinas and Duke Energy Progress. The impact did not have a significant impact on the financial position, results of operation, or cash flows of Duke Energy, Duke Energy Carolinas, Progress Energy or Duke Energy Progress.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | • | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | |

On August 4, 2016, pursuant to N.C. Gen. Stat. 105-130.3C, the North Carolina Department of Revenue announced the North Carolina corporate income tax rate would be reduced from a statutory rate of 4.0 percent to 3.0 percent beginning January 1, 2017. Duke Energy recorded a net reduction of approximately \$80 million to its North Carolina deferred tax liability in the third quarter of 2016. The significant majority of this deferred tax liability reduction was offset by recording a regulatory liability pending NCUC determination of the disposition of amounts related to Duke Energy Carolinas and Duke Energy Progress. The impact did not have a significant impact on the financial position, results of operation, or cash flows of Duke Energy, Duke Energy Carolinas, Progress Energy or Duke Energy Progress.

UNRECOGNIZED TAX BENEFITS

The following tables present changes to unrecognized tax benefits.

| | | Year | Ended Dece | ember 31, 201 | 16 | |
|--|-------------|-----------|------------|---------------|-------------|---------|
| | | Duke | | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Ohio | Indiana |
| Unrecognized tax benefits – January 1 | \$ 88 \$ | 72 \$ | 1 \$ | 3 \$ | - \$ | 1 |
| Unrecognized tax benefits increases (decreases) | | | | | | |
| Gross increases – tax positions in prior periods | _ | _ | _ | _ | 4 | _ |
| Gross decreases – tax positions in prior periods | (4) | (4) | (1) | (1) | _ | _ |
| Decreases due to settlements | (68) | (67) | _ | _ | _ | (1) |
| Reduction due to lapse of statute of limitations | 1 | _ | 2 | _ | _ | _ |
| Total changes | (71) | (71) | 1 | (1) | 4 | (1) |
| Unrecognized tax benefits – December 31 | \$ 17 \$ | 1 \$ | 2 \$ | 2 \$ | 4 \$ | _ |

| | | Year | Ended Dece | ember 31, 201 | 5 | |
|--|--------------|-----------|------------|---------------|-------------|---------|
| | | Duke | | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Indiana |
| Unrecognized tax benefits – January 1 | \$ 213 \$ | 160 \$ | 32 \$ | 23 \$ | 8 \$ | 1 |
| Unrecognized tax benefits increases (decreases) | | | | | | |
| Gross increases – tax positions in prior periods | _ | _ | 1 | 1 | _ | _ |
| Gross decreases – tax positions in prior periods | (48) | (45) | _ | _ | _ | _ |
| Decreases due to settlements | (45) | (43) | _ | _ | _ | _ |
| Reduction due to lapse of statute of limitations | (32) | _ | (32) | (21) | (8) | _ |
| Total changes | (125) | (88) | (31) | (20) | (8) | |
| Unrecognized tax benefits – December 31 | \$ 88 \$ | 72 \$ | 1 \$ | 3 \$ | - \$ | 1 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|---|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued) | 1 | |

| | | Year | Ended Dece | ember 31, 201 | 14 | |
|--|--------------|-----------|------------|---------------|---------|---------|
| | | Duke | | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Indiana |
| Unrecognized tax benefits – January 1 | \$ 230 \$ | 3 171 \$ | 32 \$ | 22 \$ | 8 \$ | 1 |
| Unrecognized tax benefits increases (decreases) | | | | | | |
| Gross increases — tax positions in prior periods | _ | _ | 1 | 1 | _ | _ |
| Gross decreases – tax positions in prior periods | (2) | _ | _ | _ | _ | _ |
| Decreases due to settlements | (15) | (11) | (1) | _ | _ | _ |
| Total changes | (17) | (11) | _ | 1 | _ | _ |
| Unrecognized tax benefits – December 31 | \$ 213 \$ | 160 \$ | 32 \$ | 23 \$ | 8 \$ | 1 |

The following table includes additional information regarding the Duke Energy Registrants' unrecognized tax benefits. It is reasonably possible that Duke Energy could reflect an approximate \$8 million reduction and Duke Energy Carolinas could reflect an approximate \$1 million reduction in unrecognized tax benefits within the next 12 months. All other Duke Energy Registrants do not anticipate a material increase or decrease in unrecognized tax benefits within the next 12 months.

| | | | Decembe | r 31, 2016 | | | |
|---|---------|-----------|----------|------------|-------------|-------------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Amount that if recognized, would affect the effective tax rate or regulatory liability ^(a) | \$ 8 | \$ 1 | \$ 2 | \$ 2\$ | - \$ | - \$ | _ |
| Amount that if recognized, would be recorded as a component of discontinued operations | 5 | _ | _ | _ | _ | 2 | _ |

⁽a) Duke Energy, Duke Energy Carolinas, Progress Energy, Duke Energy Progress, Duke Energy Florida and Duke Energy Indiana are unable to estimate the specific amounts that would affect the effective tax rate versus the regulatory liability.

OTHER TAX MATTERS

The following tables include interest recognized in the Consolidated Statements of Operations and the Consolidated Balance Sheets.

| | | Year Ended | d December 31, | , 2016 | |
|---|-------------------|-------------|----------------|-------------|---------|
| | | Duke | | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida |
| Net interest income recognized related to income taxes | \$ — \$ | — \$ | 1 \$ | — \$ | 2 |
| Net interest expense recognized related to income taxes | _ | 7 | _ | _ | _ |
| Interest payable related to income taxes | 4 | 23 | 1 | 1 | _ |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | - |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO EINANCIAL STATEMENTS (Continued | 1) | |

| | | Yea | r Ended Dece | mber 31, 2015 | j | |
|---|-------------|-------------|--------------|---------------|---------|---------|
| | | Duke | | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Indiana |
| Net interest income recognized related to income taxes | \$ 12 \$ | — \$ | 2 \$ | 2 \$ | 1 \$ | 1 |
| Net interest expense recognized related to income taxes | _ | 1 | _ | _ | _ | _ |
| Interest receivable related to income taxes | 3 | _ | _ | _ | _ | 3 |
| Interest payable related to income taxes | _ | 14 | _ | 1 | _ | _ |

| _ | | | Year Ended | d December 3 | 1, 2014 | | |
|---|--------|-----------|------------|--------------|---------|--------|---------|
| | | Duke | | Duke | Duke | Duke | Duke |
| | Duke | Energy | Progress | Energy | Energy | Energy | Energy |
| (in millions) | Energy | Carolinas | Energy | Progress | Florida | Ohio | Indiana |
| Net interest income recognized related to income taxes \$ | 6 | \$ -\$ | 3 \$ | - \$ | 1 \$ | 4 \$ | 4 |
| Net interest expense recognized related to income taxes | _ | 1 | _ | 1 | _ | _ | _ |
| Interest receivable related to income taxes | _ | _ | _ | _ | _ | _ | 2 |
| Interest payable related to income taxes | 13 | 13 | 5 | 3 | 5 | _ | _ |

Duke Energy and its subsidiaries are no longer subject to U.S. federal examination for years before 2015. With few exceptions, Duke Energy and its subsidiaries are no longer subject to state, local or non-U.S. income tax examinations by tax authorities for years before 2004.

23. OTHER INCOME AND EXPENSES, NET

The components of Other income and expenses, net on the Consolidated Statements of Operations are as follows.

| | Year Ended December 31, 2016 | | | | | | | | | | | |
|--------------------------------------|----------------------------------|----|-----------|----|----------|----|----------|----|---------|----|--------|---------|
| | | | Duke | | | | Duke | | Duke | | Duke | Duke |
| | Duke | | Energy | | Progress | | Energy | | Energy | | Energy | Energy |
| (in millions) | Energy | | Carolinas | | Energy | | Progress | | Florida | | Ohio | Indiana |
| Interest income | \$ 21 | \$ | 4 | \$ | 4 | \$ | 3 | \$ | 2 | \$ | 5 \$ | 6 |
| AFUDC equity | 200 | | 102 | | 76 | | 50 | | 26 | | 6 | 16 |
| Post in-service equity returns | 67 | | 55 | | 12 | | 12 | | _ | | _ | _ |
| Nonoperating income (expense), other | 36 | | 1 | | 22 | | 6 | | 16 | | (2) | _ |
| Other income and expense, net | \$ 324 | \$ | 162 | \$ | 114 | \$ | 71 | \$ | 44 | \$ | 9 \$ | 22 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | - |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO EINANCIAL STATEMENTS (Continued | 1) | |

| | Year Ended December 31, 2015 | | | | | | | | | | | | |
|--------------------------------------|----------------------------------|----|----------|----|----------|----|----------|----|---------|----|--------|----|---------|
| | | | Duke | | | | Duke | | Duke | | Duke | | Duke |
| | Duke | | Energy | | Progress | | Energy | | Energy | E | Energy | | Energy |
| (in millions) | Energy | С | arolinas | | Energy | | Progress | | Florida | | Ohio | | Indiana |
| Interest income | \$ 20 | \$ | 2 | \$ | 4 | \$ | 2 | \$ | 2 9 | \$ | 4 | \$ | 6 |
| AFUDC equity | 164 | | 96 | | 54 | | 47 | | 7 | | 3 | | 11 |
| Post in-service equity returns | 73 | | 60 | | 13 | | 13 | | _ | | _ | | _ |
| Nonoperating income (expense), other | 33 | | 2 | | 26 | | 9 | | 15 | | (1) | | (6) |
| Other income and expense, net | \$ 290 | \$ | 160 | \$ | 97 | \$ | 71 | \$ | 24 9 | \$ | 6 | \$ | 11 |

| | Year Ended December 31, 2014 | | | | | | | | | | | | |
|--------------------------------------|----------------------------------|----|-----------|----|----------|----|----------|-----------|-----|----|--------|----|---------|
| | | | Duke | | | | Duke | D | uke | | Duke | | Duke |
| | Duke | | Energy | | Progress | | Energy | Ene | rgy | | Energy | | Energy |
| (in millions) | Energy | (| Carolinas | | Energy | | Progress | Flor | ida | | Ohio | | Indiana |
| Interest income | \$ 16 | \$ | 4 | \$ | 3 | \$ | _ \$ | \$ | 2 | \$ | 8 | \$ | 6 |
| AFUDC equity | 135 | | 91 | | 26 | | 25 | | _ | | 4 | | 14 |
| Post in-service equity returns | 89 | | 71 | | 17 | | 17 | | _ | | _ | | _ |
| Nonoperating income (expense), other | 80 | | 6 | | 31 | | 9 | | 18 | | (2) | | 2 |
| Other income and expense, net | \$ 320 | \$ | 172 | \$ | 77 | \$ | 51 \$ | 5 | 20 | \$ | 10 | \$ | 22 |

24. SUBSEQUENT EVENTS

For information on subsequent events related to regulatory matters, commitments and contingencies, and debt and credit facilities see Notes 4, 5 and 6, respectively.

25. QUARTERLY FINANCIAL DATA (UNAUDITED)

DUKE ENERGY

Quarterly EPS amounts may not sum to the full-year total due to changes in the weighted average number of common shares outstanding and rounding.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|-----------------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| NOTES TO FINAN | ICIAL STATEMENTS (Continued |) | |

| | | First | Second | Third | Fourth | |
|--|----|---------|--------------|-------------|-----------------|--------|
| (in millions, except per share data) | _ | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | | |
| Operating revenues | \$ | 5,377 | \$ 5,213 | \$ 6,576 | \$ 5,577 \$ | 22,743 |
| Operating income | | 1,240 | 1,259 | 1,954 | 888 | 5,341 |
| Income from continuing operations | | 577 | 624 | 1,001 | 376 | 2,578 |
| Income (loss) from discontinued operations, net of tax | | 122 | (112) | 180 | (598) | (408) |
| Net income (loss) | | 699 | 512 | 1,181 | (222) | 2,170 |
| Net income (loss) attributable to Duke Energy Corporation | | 694 | 509 | 1,176 | (227) | 2,152 |
| Earnings per share: | | | | | | |
| Income from continuing operations attributable to Duke Energy Corporation common stockholders | | | | | | |
| Basic | \$ | 0.83 | \$ 0.90 | \$ 1.44 | \$ 0.53 \$ | 3.71 |
| Diluted | \$ | 0.83 | \$ 0.90 | \$ 1.44 | \$ 0.53 \$ | 3.71 |
| Income (Loss) from discontinued operations attributable to Duke Energy Corporation common stockholders | | | | | | |
| Basic | \$ | 0.18 | \$ (0.16) | \$ 0.26 | \$ (0.86) \$ | (0.60) |
| Diluted | \$ | 0.18 | \$ (0.16) | \$ 0.26 | \$ (0.86) \$ | (0.60) |
| Net income (loss) attributable to Duke Energy Corporation common stockholders | | | | | | |
| Basic | \$ | 1.01 | \$ 0.74 | \$ 1.70 | \$ (0.33) \$ | 3.11 |
| Diluted | \$ | 1.01 | \$ 0.74 | \$ 1.70 | \$ (0.33) \$ | 3.11 |
| 2015 | | | | | | |
| Operating revenues | \$ | 5,792 | \$ 5,302 | \$ 6,202 | \$ 5,075 \$ | 22,371 |
| Operating income | | 1,390 | 1,192 | 1,606 | 890 | 5,078 |
| Income from continuing operations | | 755 | 576 | 890 | 433 | 2,654 |
| Income (Loss) from discontinued operations, net of tax | | 112 | (29) | 45 | 49 | 177 |
| Net income | | 867 | 547 | 935 | 482 | 2,831 |
| Net income attributable to Duke Energy Corporation | | 864 | 543 | 932 | 477 | 2,816 |
| Earnings per share: | | | | | | |
| Income from continuing operations attributable to Duke Energy Corporation common stockholders | | | | | | |
| Basic | \$ | 1.06 | \$ 0.83 | \$ 1.29 | \$ 0.62 \$ | 3.80 |
| Diluted | \$ | 1.06 | \$ 0.83 | \$ 1.29 | \$ 0.62 \$ | 3.80 |
| Income (Loss) from discontinued operations attributable to Duke Energy Corporation common stockholders | | | | | | |
| Basic | \$ | 0.16 | \$ (0.05) | \$ 0.06 | \$ 0.07 \$ | 0.25 |
| Diluted | \$ | 0.16 | \$ (0.05) | \$ 0.06 | \$ 0.07 \$ | 0.25 |
| Net income attributable to Duke Energy Corporation common stockholders | | | | | | |
| Basic | \$ | 1.22 | \$ 0.78 | \$ 1.35 | \$ 0.69 \$ | 4.05 |
| Diluted | \$ | 1.22 | \$ 0.78 | \$ 1.35 | \$ 0.69 \$ | 4.05 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

| | First | Second | Third | Fourth | |
|---|----------------|----------|----------|----------|---------|
| (in millions) | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | |
| Costs to Achieve Mergers (see Note 2) | \$ (120) \$ | (111) \$ | (84) \$ | (208) \$ | (523) |
| Commercial Renewables Impairment (see Note 12) | _ | _ | (71) | _ | (71) |
| Loss on Sale of International Disposal Group (see Note 2) | _ | _ | _ | (514) | (514) |
| Impairment of Assets in Central America (see Note 2) | _ | (194) | _ | _ | (194) |
| Cost Savings Initiatives (see Note 19) | (20) | (24) | (19) | (29) | (92) |
| Total | \$ (140) \$ | (329) \$ | (174) \$ | (751) \$ | (1,394) |
| 2015 | | | | | |
| Costs to Achieve Mergers | \$ (21) \$ | (22) \$ | (24) \$ | (30) \$ | (97) |
| Edwardsport Settlement (see Note 4) | _ | _ | (90) | (3) | (93) |
| Ash Basin Settlement and Penalties (see Note 5) | _ | _ | (7) | (7) | (14) |
| State Tax Adjustment related to Midwest Generation Sale | _ | (41) | _ | _ | (41) |
| Cost Savings Initiatives (see Note 19) | _ | _ | _ | (142) | (142) |
| Total | \$ (21) \$ | (63) \$ | (121) \$ | (182) \$ | (387) |

DUKE ENERGY CAROLINAS

| | First | Second | Third | Fourth | _ |
|--------------------|-------------|-------------|-------------|-------------|----------|
| (in millions) | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | |
| Operating revenues | \$ 1,740 | \$ 1,675 | \$ 2,226 | \$ 1,681 | \$ 7,322 |
| Operating income | 481 | 464 | 815 | 302 | 2,062 |
| Net income | 271 | 261 | 494 | 140 | 1,166 |
| 2015 | | | | | |
| Operating revenues | \$ 1,901 | \$ 1,707 | \$ 2,061 | \$ 1,560 | \$ 7,229 |
| Operating income | 515 | 483 | 666 | 296 | 1,960 |
| Net income | 292 | 265 | 383 | 141 | 1,081 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

| | First | Second | Third | Fourth | |
|---|---------------|---------|---------|----------|-------|
| (in millions) | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | |
| Costs to Achieve Mergers | \$ (11) \$ | (12) \$ | (13) \$ | (68) \$ | (104) |
| Cost Savings Initiatives (see Note 19) | (10) | (10) | (8) | (11) | (39) |
| Total | \$ (21) \$ | (22) \$ | (21) \$ | (79) \$ | (143) |
| 2015 | | | | | |
| Costs to Achieve Mergers | \$ (9) \$ | (11) \$ | (11) \$ | (16) \$ | (47) |
| Ash Basin Settlement and Penalties (see Note 5) | _ | _ | (1) | (7) | (8) |
| Cost Savings Initiatives (see Note 19) | _ | _ | _ | (93) | (93) |
| Total | \$ (9) \$ | (11) \$ | (12) \$ | (116) \$ | (148) |

PROGRESS ENERGY

| | First | Second | Third | Fourth | |
|-----------------------------------|-------------|-------------|-------------|-------------|-----------|
| (in millions) | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | |
| Operating revenues | \$ 2,332 | \$ 2,348 | \$ 2,965 | \$ 2,208 | \$ 9,853 |
| Operating income | 475 | 560 | 814 | 292 | 2,141 |
| Income from continuing operations | 212 | 274 | 449 | 104 | 1,039 |
| Net income | 212 | 274 | 449 | 106 | 1,041 |
| Net income attributable to Parent | 209 | 272 | 446 | 104 | 1,031 |
| 2015 | | | | | |
| Operating revenues | \$ 2,536 | \$ 2,476 | \$ 2,929 | \$ 2,336 | \$ 10,277 |
| Operating income | 549 | 504 | 756 | 351 | 2,160 |
| Income from continuing operations | 264 | 217 | 452 | 132 | 1,065 |
| Net income | 263 | 217 | 451 | 131 | 1,062 |
| Net income attributable to Parent | 260 | 215 | 448 | 128 | 1,051 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | - |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | NOTES TO FINANCIAL STATEMENTS (Continued |) | |

| | First | Second | Third | Fourth | |
|---|---------------|---------|---------|---------|-------|
| (in millions) | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | |
| Costs to Achieve Mergers | \$ (7) \$ | (8) \$ | (10) \$ | (44) \$ | (69) |
| Cost Savings Initiatives (see Note 19) | (8) | (8) | (10) | (14) | (40) |
| Total | \$ (15) \$ | (16) \$ | (20) \$ | (58) \$ | (109) |
| 2015 | | | | | |
| Costs to Achieve Mergers | \$ (8) \$ | (8) \$ | (8) \$ | (10) \$ | (34) |
| Ash Basin Settlement and Penalties (see Note 5) | _ | _ | (6) | _ | (6) |
| Cost Savings Initiatives (see Note 19) | _ | _ | _ | (36) | (36) |
| Total | \$ (8) \$ | (8) \$ | (14) \$ | (46) \$ | (76) |

DUKE ENERGY PROGRESS

| | Fir | st | Second | Third | Fourth | |
|--------------------|--------|-----|----------|-------------|-------------|-------------|
| (in millions) | Quart | er | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | | |
| Operating revenues | \$ 1,3 | 7 9 | \$ 1,213 | \$ 1,583 | \$ 1,174 | \$ 5,277 |
| Operating income | 2 | 8 | 255 | 438 | 135 | 1,086 |
| Net income | 1: | 37 | 131 | 271 | 60 | 599 |
| 2015 | | | | | | |
| Operating revenues | \$ 1,4 | 9 9 | \$ 1,193 | \$ 1,488 | \$ 1,160 | \$ 5,290 |
| Operating income | 3 | 6 | 184 | 394 | 130 | 1,024 |
| Net income | 1 | 3 | 85 | 229 | 69 | 566 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | • | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | |

| | First | Second | Third | Fourth | |
|---|---------------|---------|---------|------------|-------|
| (in millions) | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | |
| Costs to Achieve Mergers | \$ (5) \$ | (5) \$ | (6) | \$ (40) \$ | (56) |
| Cost Savings Initiatives (see Note 19) | (5) | (5) | (7) | (6) | (23) |
| Total | \$ (10) \$ | (10) \$ | (13) | (46) \$ | (79) |
| 2015 | | | | | |
| Costs to Achieve Mergers | \$ (5) \$ | (5) \$ | (6) | (6) \$ | (22) |
| Ash Basin Settlement and Penalties (see Note 5) | _ | _ | (6) | _ | (6) |
| Cost Savings Initiatives (see Note 19) | _ | _ | _ | (28) | (28) |
| Total | \$ (5) \$ | (5) \$ | (12) | \$ (34) \$ | (56) |

DUKE ENERGY FLORIDA

| | First | Second | Third | Fourth | |
|--------------------|----------------|---------|-------------|-------------|-------|
| (in millions) | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | _ |
| Operating revenues | \$ 1,024 \$ | 1,133 | \$ 1,381 | \$ 1,030 | 4,568 |
| Operating income | 213 | 300 | 373 | 155 | 1,041 |
| Net income | 110 | 171 | 206 | 64 | 551 |
| 2015 | | | | | |
| Operating revenues | \$ 1,086 \$ | 1,281 | \$ 1,436 | \$ 1,174 | 4,977 |
| Operating income | 227 | 315 | 357 | 216 | 1,115 |
| Net income | 113 | 165 | 216 | 105 | 599 |

The following table includes unusual or infrequently occurring items in each quarter during the two most recently completed fiscal years. All amounts discussed below are pretax.

| | First | Second | Third | Fourth | |
|--|---------|---------|---------|---------|-------|
| (in millions) | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | _ |
| Costs to Achieve Mergers \$ | (2) \$ | (3) \$ | (4) \$ | (4) \$ | (13) |
| Cost Savings Initiatives (see Note 19) | (2) | (3) | (3) | (9) | (17) |
| Total \$ | (4) \$ | (6) \$ | (7) \$ | (13) \$ | (30) |
| 2015 | | | | | |
| Costs to Achieve Mergers \$ | (3) \$ | (3) \$ | (3) \$ | (4) \$ | (13) |
| Cost Savings Initiatives (see Note 19) | _ | _ | _ | (8) | (8) |
| Total \$ | (3) \$ | (3) \$ | (3) \$ | (12) \$ | (21) |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | |

DUKE ENERGY OHIO

| | First | Second | Third | Fourth | |
|--|-----------|-----------|-----------|-----------|----------|
| (in millions) | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | |
| Operating revenues | \$ 516 | \$ 428 | \$ 489 | \$ 511 | \$ 1,944 |
| Operating income | 96 | 55 | 106 | 90 | 347 |
| Income from discontinued operations, net of tax | 2 | _ | 34 | _ | 36 |
| Net income | 59 | 23 | 89 | 57 | 228 |
| 2015 | | | | | |
| Operating revenues | \$ 586 | \$ 405 | \$ 462 | \$ 452 | \$ 1,905 |
| Operating income | 111 | 43 | 76 | 73 | 303 |
| Income (Loss) from discontinued operations, net of tax | 90 | (65) | (2) | _ | 23 |
| Net income (loss) | 149 | (52) | 32 | 43 | 172 |

The following table includes unusual or infrequently occurring items in each quarter during the two most recently completed fiscal years. All amounts discussed below are pretax.

| | First | Second | Third | Fourth | |
|--|--------------|---------|---------|---------|-------|
| (in millions) | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | |
| Costs to Achieve Mergers | \$ (1) \$ | (1) \$ | (2) \$ | (2) \$ | (6) |
| Cost Savings Initiatives (see Note 19) | (1) | (1) | _ | (1) | (3) |
| Total | \$ (2) \$ | (2) \$ | (2) \$ | (3) \$ | (9) |
| 2015 | | | | | _ |
| Costs to Achieve Mergers | \$ (1) \$ | (1) \$ | (1) \$ | (1) \$ | (4) |
| Cost Savings Initiatives (see Note 19) | _ | _ | _ | (2) | (2) |
| Total | \$ (1) \$ | (1) \$ | (1) \$ | (3) \$ | (6) |

DUKE ENERGY INDIANA

| | First | Second | Third | Fourth | |
|--------------------|-----------|-----------|-----------|-----------|-------------|
| (in millions) | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | |
| Operating revenues | \$ 714 | \$ 702 | \$ 809 | \$ 733 | \$ 2,958 |
| Operating income | 176 | 174 | 239 | 176 | 765 |
| Net income | 95 | 85 | 129 | 72 | 381 |
| 2015 | | | | | |
| Operating revenues | \$ 788 | \$ 686 | \$ 749 | \$ 667 | \$ 2,890 |
| Operating income | 210 | 146 | 117 | 171 | 644 |
| Net income | 108 | 68 | 46 | 94 | 316 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | | |
|---|----------------------|----------------|-----------------------|--|--|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | | | |
| NOTES TO FINANCIAL STATEMENTS (Continued) | | | | | | | | | |

| | First | Second | Third | Fourth | · |
|--|--------------|---------|---------|---------|-------|
| (in millions) | Quarter | Quarter | Quarter | Quarter | Total |
| 2016 | | | | | |
| Costs to Achieve Mergers | \$ (1) \$ | (2) \$ | (3) \$ | (3) \$ | (9) |
| Cost Savings Initiatives (see Note 19) | (1) | (4) | (1) | (1) | (7) |
| Total | \$ (2) \$ | (6) \$ | (4) \$ | (4) \$ | (16) |
| 2015 | | | | | |
| Costs to Achieve Mergers | \$ (2) \$ | (1) \$ | (2) \$ | (2) \$ | (7) |
| Edwardsport Settlement (see Note 4) | _ | _ | (90) | (3) | (93) |
| Cost Savings Initiatives (see Note 19) | _ | _ | _ | (6) | (6) |
| Total | \$ (2) \$ | (1) \$ | (92) \$ | (11) \$ | (106) |

| Name of Respondent This Report Is: Date of Report (Mo, Da, Yr) Find of 2016 | | | | | | | | |
|---|--|-----------------------|----------------------------------|---|--------|------------------------|--------|----------------------|
| I I IIIKA Enarav (aralinas I I (| | (1) | A Resubmi | | | | End | of 2016/Q4 |
| | STATEMENTS OF ACCUMULAT | ED COMP | REHENSIVE | INCOME, COMP | REHENS | IVE INCOME, AN | D HEDO | SING ACTIVITIES |
| 2. Re 3. Fo | Report in columns (b),(c),(d) and (e) the amounts of accumulated other comprehensive income items, on a net-of-tax basis, where appropriate. Report in columns (f) and (g) the amounts of other categories of other cash flow hedges. For each category of hedges that have been accounted for as "fair value hedges", report the accounts affected and the related amounts in a footnote. Report data on a year-to-date basis. | | | | | | | |
| Line No. | ltem (a) | Losses or for-Sale | d Gains and Available-Securities | Minimum Pen Liability adjust (net amoun | ment | Foreign Curr Hedges | - | Other Adjustments |
| 1 | (a) Balance of Account 219 at Beginning of Preceding Year | | b) 580,507) | (c) | | (d) | | (e) |
| 2 | Preceding Qtr/Yr to Date Reclassifications from Acct 219 to Net Income | | | | | | | |
| 3 | Preceding Quarter/Year to Date Changes in Fair Value | (| 4,079) | | | | | |
| | Total (lines 2 and 3) | (| 4,079) | | | | | |
| 5 | Balance of Account 219 at End of Preceding Quarter/Year | (| 584,586) | | | | | |
| 6 | Balance of Account 219 at Beginning of Current Year | (| 584,586) | | | | | |
| 7 | Current Qtr/Yr to Date Reclassifications from Acct 219 to Net Income | | | | | | | |
| 8 | Current Quarter/Year to Date Changes in Fair Value | (| 4,080) | | | | | |
| 9 | Total (lines 7 and 8) | (| 4,080) | | | | | |
| 10 | Balance of Account 219 at End of Current Quarter/Year | | 588,666) | | | | | |
| | | | | | | | | |

| | e of Respondent | This Report Is: (1) X An Origina | This Report Is: Date of Report (Mo, Da, Yr) | | f Report a, Yr) | Year/Period of Report End of 2016/Q4 | | |
|---------|---------------------------|----------------------------------|---|----------|--------------------|---|----------------|--|
| Duke | Energy Carolinas, LLC | (2) A Resubm | ission | 04/13/2 | 2017 | | | |
| | STATEMENTS OF AC | CUMULATED COMPREHENSIVE | INCOME, COMP | REHENSIV | 'E INCOME, AND | HEDG | ING ACTIVITIES | |
| | | | | | | | | |
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| | | | | | | | | |
| | Other Cash Flow | Other Cash Flow | Totals for ea | nch | Net Income (Car | ried | Total | |
| Line | Hedges | Hedges | category of ite | | Forward from | | Comprehensive | |
| No. | Interest Rate Swaps | [Specify] | recorded in | | Page 117, Line | 78) | Income | |
| | (5) | (~) | Account 21 | 9 | (i) | | (i) | |
| 1 | (f) (12,386,923) | (g) | (h) | 67,430) | (i) | | (j) | |
| 2 | 1,694,244 | | | 694,244 | | | | |
| 3 | , , | | (| 4,079) | | | | |
| 4 | 1,694,244 | | 1,6 | 690,165 | 1,080,927 | 7,709 | 1,082,617,874 | |
| 5 | (10,692,679) | | | 77,265) | | | | |
| 6 | (10,692,679) | | | 77,265) | | | | |
| 7 | 1,783,575 | | 1,7 | 783,575 | | | | |
| 8 | 4 700 575 | | (| 4,080) | 4.405.04 | - 000 | 1 107 005 100 | |
| 9 10 | 1,783,575 (8,909,104) | | | 779,495 | 1,165,845 | 0,688 | 1,167,625,183 | |
| 10 | (8,909,104) | | (9,4 | 91,110) | | | | |
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| Name | e of Respondent | This Report Is: | Date of Report | Year/Period of Report |
|------------|---|--------------------------------------|-----------------------------------|-------------------------------|
| Duke | Energy Carolinas, LLC | (1) X An Original (2) A Resubmission | (Mo, Da, Yr) 04/13/2017 | End of |
| | SUMMAF | RY OF UTILITY PLANT AND ACCU | | |
| | FOR | R DEPRECIATION. AMORTIZATION | I AND DEPLETION | |
| | rt in Column (c) the amount for electric function, in | column (d) the amount for gas fund | tion, in column (e), (f), and (g) | report other (specify) and in |
| colun | nn (h) common function. | | | |
| | | | | |
| Line | Classification | | Total Company for the | Electric |
| No. | | | Current Year/Quarter Ended | (c) |
| | (a) | | (b) | () |
| 1 2 | Utility Plant In Service | | | |
| | | | 22 404 969 469 | 22 404 969 465 |
| 3 | Plant in Service (Classified) Property Under Capital Leases | | 33,491,868,465 39,795,030 | + |
| - 4 - 5 | Plant Purchased or Sold | | 39,795,030 | 39,793,030 |
| 6 | Completed Construction not Classified | | 3,252,601,06 ² | 3,252,601,061 |
| 7 | Experimental Plant Unclassified | | 3,232,001,00 | 3,232,001,001 |
| | Total (3 thru 7) | | 36,784,264,556 | 36,784,264,556 |
| 9 | Leased to Others | | 30,764,204,330 | 30,764,204,330 |
| | Held for Future Use | | 11,398,296 | 11,398,296 |
| 11 | Construction Work in Progress | | 2,319,769,272 | |
| 12 | | | 284,100 | |
| 13 | Total Utility Plant (8 thru 12) | | 39,115,716,230 | |
| 14 | Accum Prov for Depr, Amort, & Depl | | 14,795,088,915 | |
| | Net Utility Plant (13 less 14) | | 24,320,627,315 | |
| | Detail of Accum Prov for Depr, Amort & Depl | | 24,020,027,010 | 24,020,027,010 |
| 17 | In Service: | | | |
| | Depreciation | | 14,286,182,243 | 3 14,286,182,243 |
| 19 | Amort & Depl of Producing Nat Gas Land/Land F | Right | . 1,200,102,210 | ,200, .02,2 .0 |
| 20 | Amort of Underground Storage Land/Land Rights | <u> </u> | | |
| 21 | Amort of Other Utility Plant | | 508,656,957 | 508,656,957 |
| 22 | Total In Service (18 thru 21) | | 14,794,839,200 | |
| 23 | Leased to Others | | , , | |
| 24 | Depreciation | | | |
| | Amortization and Depletion | | | |
| 26 | Total Leased to Others (24 & 25) | | | |
| | Held for Future Use | | | |
| 28 | Depreciation | | | |
| 29 | Amortization | | | |
| 30 | Total Held for Future Use (28 & 29) | | | |
| 31 | Abandonment of Leases (Natural Gas) | | | |
| 32 | Amort of Plant Acquisition Adj | | 249,716 | 249,716 |
| 33 | Total Accum Prov (equals 14) (22,26,30,31,32) | | 14,795,088,916 | 14,795,088,916 |
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| Name of Respondent | | This Report Is: (1) X An Original | Date of Report (Mo, Da, Yr) | Year/Period of Rep | ort |
|----------------------------|-----------------|---------------------------------------|--------------------------------|--------------------|-----------|
| Duke Energy Carolinas, LLC | > | (2) A Resubmission | 04/13/2017 | End of2016/0 | <u>24</u> |
| | | OF UTILITY PLANT AND ACCUI | | | |
| | | EPRECIATION. AMORTIZATIO | | | |
| Gas | Other (Specify) | Other (Specify) | Other (Specify) | Common | Line |
| (4) | (2) | (6) | (~) | (h) | No. |
| (d) | (e) | (f) | (g) | (h) | 1 |
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| Name of Respondent | | This Report Is: | | | Date of Report | Year/Period of Report | | |
|--------------------|--|-----------------|-------------------------------|-------|------------------------------|-----------------------|--|--|
| Duk | e Energy Carolinas, LLC | (1) (2) | X An Original A Resubmission | | | End of2016/Q4 | | |
| | NUCLEAR F | UEL MA | ATERIALS (Account 120.1 | throi | ugh 120.6 and 157) | | | |
| resp 2. If | Report below the costs incurred for nuclear fue ondent. The nuclear fuel stock is obtained under leasi ntity used and quantity on hand, and the costs | ng arra | angements, attach a stat | eme | ent showing the amount | | | |
| Line | Description of item | | | | Balance Poginning of Year | Changes during Year | | |
| No. | (a) | | | | Beginning of Year (b) | Additions (c) | | |
| 1 | Nuclear Fuel in process of Refinement, Conv, En | richmen | t & Fab (120.1) | | | `` | | |
| 2 | Fabrication | | | | 14,259,8 | 375 41,475,998 | | |
| 3 | Nuclear Materials | | | | 228,925,6 | 282,757,734 | | |
| 4 | Allowance for Funds Used during Construction | | | | 35,687,7 | 738 15,202,455 | | |
| 5 | (Other Overhead Construction Costs, provide det | ails in fo | ootnote) | | | | | |
| 6 | SUBTOTAL (Total 2 thru 5) | | | | 278,873,2 | 42 | | |
| 7 | Nuclear Fuel Materials and Assemblies | | | | | | | |
| 8 | In Stock (120.2) | | | | | 281,559,334 | | |
| 9 | In Reactor (120.3) | | | | 1,170,737,8 | 392 292,120,388 | | |
| 10 | SUBTOTAL (Total 8 & 9) | | | | 1,170,737,8 | 92 | | |
| 11 | Spent Nuclear Fuel (120.4) | | | | 377,715,7 | 778 261,861,197 | | |
| 12 | Nuclear Fuel Under Capital Leases (120.6) | | | | | | | |
| 13 | (Less) Accum Prov for Amortization of Nuclear Fu | ıel Asse | em (120.5) | | 976,394,3 | 579 | | |
| 14 | TOTAL Nuclear Fuel Stock (Total 6, 10, 11, 12, le | ess 13) | | | 850,932,5 | i33 | | |
| 15 | Estimated net Salvage Value of Nuclear Materials | in line | 9 | | | | | |
| 16 | Estimated net Salvage Value of Nuclear Materials | in line | 11 | | | | | |
| 17 | Est Net Salvage Value of Nuclear Materials in Ch | emical F | Processing | | | | | |
| 18 | Nuclear Materials held for Sale (157) | | | | | | | |
| 19 | Uranium | | | | | | | |
| 20 | Plutonium | | | | | | | |
| 21 | Other (provide details in footnote): | | | | | | | |
| 22 | TOTAL Nuclear Materials held for Sale (Total 19, | 20, and | 21) | | | | | |
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| Name of Respondent | This Report Is: (1) X An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report | |
|----------------------------|--|--------------------------------|-----------------------|------|
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | End of2016/Q4 | |
| | NUCLEAR FUEL MATERIALS (Account 120.1 thro | | | |
| | | | | |
| | Changes during Year | | Balance | Line |
| Amortization (d) | Other Reductions (Explain in a footnote) (e) | | End of Year (f) | No. |
| (4) | (4) | | (1) | 1 |
| | 4 | 45,385,579 | 10,350,294 | 2 |
| | 22 | 22,798,756 | 288,884,607 | 3 |
| | | 13,374,999 | 37,515,194 | 4 |
| | | | | 5 |
| | | | 336,750,095 | 6 |
| | | | | 7 |
| | | 81,559,334 | | 8 |
| | 20 | <mark>61,861,197</mark> | 1,200,997,083 | 9 |
| | | | 1,200,997,083 | 10 |
| | | 82,668,048 | 556,908,927 | 11 |
| | | | | 12 |
| -293,680,723 | | 78,242,596 | 1,191,832,506 | 13 |
| | | | 902,823,599 | 14 |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 202 Line No.: 2 Column: e

Transfer of nuclear materials and assemblies to stock.

Schedule Page: 202 Line No.: 3 Column: e

Transfer of nuclear materials and assemblies to stock.

Schedule Page: 202 Line No.: 4 Column: e

Transfer of nuclear materials and assemblies to stock.

Schedule Page: 202 Line No.: 8 Column: e

Transfer to reactor.

Schedule Page: 202 Line No.: 9 Column: c

Includes \$10,561,054 of nuclear fuel assemblies that have been reinserted into the

reactor.

Schedule Page: 202 Line No.: 9 Column: e

Reflects nuclear fuel assemblies transferred to the spent fuel pool

Schedule Page: 202 Line No.: 11 Column: e

Total includes \$10,561,054 of nuclear fuel assemblies that have been reinserted into the reactor and \$72,106,994 of nuclear fuel assemblies that have been retired.

Schedule Page: 202 Line No.: 13 Column: e

Total includes \$72,106,994 of nuclear fuel assemblies and \$6,135,602 of nuclear fuel canisters that have been retired.

| | e of Respondent | This F | Re∣ | oort Is:]An Original | Date of Report (Mo, Da, Yr) | | Year/Period of Report |
|-------------|--|------------|------|------------------------------|---------------------------------|----------------|-----------------------------|
| Duke | e Energy Carolinas, LLC | (2) | Ê | A Resubmission | 04/13/2017 | | End of |
| | ELECTRIC | C PLAN | ΙΤ | IN SERVICE (Account 101 | 1, 102, 103 and 106) | | |
| | eport below the original cost of electric plant in ser addition to Account 101, Electric Plant in Service | vice ac | cor | ding to the prescribed acc | ounts. | Plant | Purchased or Sold; |
| | unt 103, Experimental Electric Plant Unclassified; | | | | | | , |
| | clude in column (c) or (d), as appropriate, correction | | | | | | |
| 1 | r revisions to the amount of initial asset retirement | costs c | cap | italized, included by prima | ary plant account, increases in | 1 colu | mn (c) additions and |
| | tions in column (e) adjustments. nclose in parentheses credit adjustments of plant a | account | e ti | n indicate the negative effe | act of such accounts | | |
| | assify Account 106 according to prescribed accou | | | _ | | n colu | mn (c). Also to be included |
| | umn (c) are entries for reversals of tentative distrib | | | | | | |
| | nt retirements which have not been classified to p | | | | | | |
| | ments, on an estimated basis, with appropriate co | ntra ent | try | to the account for accumu | | Inclu | |
| Line No. | Account | | | | Balance Beginning of Year | | Additions |
| | (a) | | | | (b) | | (c) |
| | 1. INTANGIBLE PLANT | | | | | | |
| 3 | (301) Organization (302) Franchises and Consents | | | | 5- | 7,923 | |
| 4 | (303) Miscellaneous Intangible Plant | | | | 730,549 | | 86,942,598 |
| 5 | TOTAL Intangible Plant (Enter Total of lines 2, 3, | and 4) | | | 730,60 | _ | |
| | 2. PRODUCTION PLANT | | | | | , | 33,3 12,53 |
| 7 | A. Steam Production Plant | | | | | | |
| 8 | (310) Land and Land Rights | | | | 28,963 | 3,658 | 11,842 |
| 9 | (311) Structures and Improvements | | | | 685,98 | | |
| 10 | (- , 1-1- | | | | 5,091,044 | 4,287 | 178,176,588 |
| 11 | (313) Engines and Engine-Driven Generators | | | | | | |
| 12 | · / • | | | | 775,48 | | 80,375,908 |
| 13 | (315) Accessory Electric Equipment (316) Misc. Power Plant Equipment | | | | 380,859 328,940 | | 14,081,944 17,804,831 |
| 15 | (317) Asset Retirement Costs for Steam Producti | on | | | 1,289,284 | | |
| | TOTAL Steam Production Plant (Enter Total of lin | | ru | 15) | 8,580,569 | | 401,085,773 |
| | B. Nuclear Production Plant | | | , | 5,000,00 | , | , |
| 18 | (320) Land and Land Rights | | | | 2,882 | 2,536 | |
| 19 | (321) Structures and Improvements | | | | 1,765,74 | 7,601 | 111,772,219 |
| 20 | (322) Reactor Plant Equipment | | | | 3,642,320 | 3,709 | 96,823,795 |
| 21 | (323) Turbogenerator Units | | | | 927,948 | | |
| 22 | (324) Accessory Electric Equipment | | | | 1,107,56 | | 19,370,195 |
| 23 | (325) Misc. Power Plant Equipment (326) Asset Retirement Costs for Nuclear Produc | tion | | | 501,169 -607,602 | | 21,482,659 |
| | TOTAL Nuclear Production Plant (Enter Total of I | | th | ru 24) | 7.340.029 | | 289,422,992 |
| | C. Hydraulic Production Plant | 1100 10 | | u 2+) | 7,040,020 | 7,017 | 200,422,002 |
| | (330) Land and Land Rights | | | | 52,06 | 7,365 | 198,911 |
| 28 | (331) Structures and Improvements | | | | 381,752 | | |
| 29 | (332) Reservoirs, Dams, and Waterways | | | | 809,96 | 7,725 | 12,618,750 |
| 30 | (333) Water Wheels, Turbines, and Generators | | | | 598,36 | | |
| 31 | , | | | | 137,682 | | |
| 32 | , , , , | | | | 45,683 | | |
| | (336) Roads, Railroads, and Bridges (337) Asset Retirement Costs for Hydraulic Produ | ıotion | | | 21,796 | 3,265 | |
| 34 | TOTAL Hydraulic Production Plant (Enter Total o | | 77 1 | rhru 34) | 2,047,312 | 2 068 | 61,897,013 |
| | D. Other Production Plant | 1 111103 2 | | 111 d 04) | 2,047,012 | _,000 | 01,007,010 |
| | (340) Land and Land Rights | | | | 9,17 | 1,919 | |
| 38 | | | | | 328,284 | 4,025 | 10,672,873 |
| 39 | (342) Fuel Holders, Products, and Accessories | | | | 123,454 | 4,954 | -4,960,369 |
| 40 | (343) Prime Movers | | | | 914,425 | | |
| 41 | (344) Generators | | | | 792,24 | | 38,784,069 |
| | (345) Accessory Electric Equipment | | | | 141,05 | | |
| 43 | , | .n | | | 30,275 | 5,230 2,479 | |
| 44 | (347) Asset Retirement Costs for Other Production TOTAL Other Prod. Plant (Enter Total of lines 37 | | | | 2,340,176 | | |
| | TOTAL Prod. Plant (Enter Total of lines 16, 25, 3) | | _ | | 20,308,08 | | |
| | 10 772 7 1007 1007 (2.110) 7 0107 01 11100 7 07 207 0 | o, aa | , | | 20,000,00 | ,,,,,, | 311,000,101 |
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| | | | | | | | |
| | C FORM NO. 1 (REV. 12-05) | | | Page 204 | | | |

| | e of Respondent | This (1) | Rep | ort Is: An Original | (Mo Da Vr) | | Year/Period of Report | |
|------|---|----------|--------|-------------------------|-----------------------------|---|-----------------------|--|
| Duke | e Energy Carolinas, LLC | (2) | | A Resubmission | 04/13/2017 | | End of | |
| | ELECTRIC PLA | NT IN | 1 SEF | RVICE (Account 101, 102 | 2, 103 and 106) (Continued) | 1 | | |
| Line | Account | | | | Balance | | Additions | |
| No. | (a) | | | | Beginning of Year (b) | | (c) | |
| 47 | 3. TRANSMISSION PLANT | | | | (0) | | (6) | |
| | (350) Land and Land Rights | | | | 194,068 | 824 | 9,275,828 | |
| | (352) Structures and Improvements | | | | 74,744 | , | | |
| - | | | | | 1,478,656 | | | |
| | (354) Towers and Fixtures | | | | 613,608 | _ | | |
| 52 | (355) Poles and Fixtures | | | | 383,193 | | 30,096,127 | |
| 53 | (356) Overhead Conductors and Devices | | | | 657,635 | _ | | |
| 54 | (357) Underground Conduit | | | | | ,299 | | |
| 55 | (358) Underground Conductors and Devices | | | | 4,690 | | | |
| 56 | (359) Roads and Trails | | | | 42 | 2,238 | | |
| 57 | (359.1) Asset Retirement Costs for Transmission | Plant | : | | | | | |
| | TOTAL Transmission Plant (Enter Total of lines 4 | 8 thru | ı 57) | | 3,406,750 |),229 | 189,141,094 | |
| 59 | 4. DISTRIBUTION PLANT | | | | | | | |
| 60 | (360) Land and Land Rights | | | | 59,447 | 7,221 | -252,457 | |
| 61 | (361) Structures and Improvements | | | | 81,691 | ,090 | | |
| 62 | (362) Station Equipment | | | | 1,207,894 | 1,632 | 69,309,436 | |
| 63 | (363) Storage Battery Equipment | | | | | | | |
| 64 | (364) Poles, Towers, and Fixtures | | | | 1,432,695 | _ | | |
| | (365) Overhead Conductors and Devices | | | | 1,952,644 | | | |
| | (366) Underground Conduit | | | | 192,886 | | | |
| _ | (367) Underground Conductors and Devices | | | | 1,775,466 | | | |
| 68 | (368) Line Transformers | | | | 1,313,445 | | | |
| 69 | (369) Services | | | | 974,072 | _ | 42,685,100 | |
| 70 | (370) Meters | | | | 360,286 | | | |
| | (371) Installations on Customer Premises | | | | 707,399 | 9,603 | 25,201,701 | |
| | (372) Leased Property on Customer Premises | | | | 040.004 | | 2 222 522 | |
| | (373) Street Lighting and Signal Systems | _4 | | | 213,261 | 1,570 | 8,390,590 | |
| | (374) Asset Retirement Costs for Distribution Plan TOTAL Distribution Plant (Enter Total of lines 60 | | 74) | | 10,271,192 | 0.050 | 554,486,461 | |
| | 5. REGIONAL TRANSMISSION AND MARKET | | | NI DI ANT | 10,271,192 | 2,002 | 334,460,401 | |
| | (380) Land and Land Rights | OFLK | VATIC | MELANI | | | | |
| 78 | (381) Structures and Improvements | | | | | | | |
| 79 | (382) Computer Hardware | | | | | | | |
| | (383) Computer Software | | | | | | | |
| - | (384) Communication Equipment | | | | | | | |
| | (385) Miscellaneous Regional Transmission and | Marke | et Ope | eration Plant | | | | |
| | (386) Asset Retirement Costs for Regional Trans | | | | | | | |
| - | TOTAL Transmission and Market Operation Plan | | | | | | | |
| 85 | 6. GENERAL PLANT | | | , | | | | |
| 86 | (389) Land and Land Rights | | | | 27,963 | 3,263 | 6,693,840 | |
| 87 | (390) Structures and Improvements | | | | 476,154 | ,332 | 36,452,431 | |
| 88 | (391) Office Furniture and Equipment | | | | 127,241 | ,644 | 9,557,366 | |
| 89 | (392) Transportation Equipment | | | | 12,380 | ,529 | 2,205,179 | |
| 90 | (393) Stores Equipment | | | | 11,593 | | | |
| 91 | (394) Tools, Shop and Garage Equipment | | | | 67,577 | ,690 | 5,207,650 | |
| _ | (395) Laboratory Equipment | | | | 9,496 | | | |
| | , | | | | 21,898 | | | |
| | (397) Communication Equipment | | | | 126,630 | | • | |
| | (398) Miscellaneous Equipment | | | | 3,421 | | | |
| | SUBTOTAL (Enter Total of lines 86 thru 95) | | | | 884,359 | 9,214 | 80,669,481 | |
| - | (399) Other Tangible Property | | | | | | | |
| | , | | 20, | | | ,335 | | |
| | TOTAL (Assemble 101 and 106) | and 9 | 98) | | 883,427 | | | |
| | TOTAL (Accounts 101 and 106) | | | | 35,600,065 | ว,ฮชไ | 1,725,332,738 | |
| | (102) Electric Plant Purchased (See Instr. 8) | | | | | | | |
| | (Less) (102) Electric Plant Sold (See Instr. 8) | | | | | | | |
| | (103) Experimental Plant Unclassified TOTAL Electric Plant in Service (Enter Total of lir | 100 10 |)O thr | u 103) | 35,600,065 | 091 | 1,725,332,738 | |
| 104 | 10 17 12 Electric Frank III Del VICE (Eliter Total Of III | 103 10 | ,0 um | u 100) | 33,000,000 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 1,123,332,130 | |
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| Name of Respondent | | This F | | | Date of | Report | Year/Period | • |
|--|------------------------|------------|---------|-----------------------------|---------------------|-----------------|------------------------------|----------------|
| Duke Energy Carolinas, LLC | | (1) (2) | | n Original Resubmission | (Mo, Da 04/13/20 | | End of | 2016/Q4 |
| | ELECTRIC PLA | | | /ICE (Account 101, 102, 1 | | | | |
| distributions of these tentative class | | | | * | | • | count distributions | s of these |
| amounts. Careful observance of the | | | | | | | | |
| respondent's plant actually in servi- | ce at end of year. | | | | | | | |
| 7. Show in column (f) reclassificati | | | | | | | | |
| classifications arising from distribut | | | | | | | | |
| provision for depreciation, acquisiti account classifications. | on adjustments, etc., | and sr | now i | n column (f) only the offse | t to the debits | or credits dist | ributed in column | (f) to primary |
| 8. For Account 399, state the natu | re and use of plant in | ıcluded | l in th | is account and if substant | ial in amount | suhmit a sunnl | ementary statem | ent showing |
| subaccount classification of such p | | | | | iai iii aiiioaiii | cabilit a cappi | omornary otatom | sin onowing |
| 9. For each amount comprising the | | | | | property purc | hased or sold, | name of vendor of | or purchase, |
| and date of transaction. If propose | | | filed | | | | | give also date |
| Retirements | Adjustn | nents | | Transfe | rs | | nce at of Year | Line |
| (d) | (e) | | | (f) | | Lild (| g) | No. |
| | | | | | | | | 1 |
| | | | | | | | | 2 |
| | | | | | | | 57,923 | 3 |
| | | | | | | | 817,492,104 | 4 |
| | | | | | | | 817,550,027 | 5 |
| | | | | | | | | 6 7 |
| | | | | | | | 28,975,500 | 8 |
| 1,622,852 | | | | | | | 718,413,983 | 9 |
| 45,188,102 | | | | | | | 5,224,032,773 | 10 |
| 10,100,100 | | | | | | | 0,22 1,002,1 1 0 | 11 |
| 14,378,130 | | | | | | | 841,485,181 | 12 |
| 1,626,728 | | | | | | | 393,310,395 | 13 |
| 298,688 | | | | | -4,738,415 | | 341,714,240 | 14 |
| 277,423,630 | | | | | | | 1,088,446,411 | 15 |
| 340,538,130 | | | | | -4,738,415 | | 8,636,378,483 | 16 |
| | | | | | | | | 17 |
| 23,109 | | | | | | | 2,859,427 | 18 |
| 10,898,947 | | | | | | | 1,866,620,873 | 19 |
| 25,953,068 5,225,307 | | | | | | | 3,713,197,436 962,697,290 | 20 |
| -3,945,181 | | | | | | | 1,130,876,607 | 22 |
| 1,416,263 | | | | | | | 521,232,202 | 23 |
| | | | | | | | -607,602,839 | 24 |
| 39,571,513 | | | | | | | 7,589,880,996 | 25 |
| | | | | | | | | 26 |
| -68,022 | | | | | | | 52,334,298 | 27 |
| 358,880 | | | | | | | 391,069,965 | 28 |
| 1,012,788 | | | | | | | 821,573,687 | 29 |
| 4,284,094 916,083 | | | | | | | 624,498,079 142,067,062 | 30 31 |
| 129,085 | | | | | | | 49,236,817 | 32 |
| 120,000 | | | | | | | 21,796,265 | 33 |
| | | | | | | | 21,100,200 | 34 |
| 6,632,908 | | | | | | | 2,102,576,173 | 35 |
| | | | | | | | | 36 |
| | | | | | | | 9,171,919 | 37 |
| 261,561 | | | | | | | 338,695,337 | 38 |
| 170,535 | | | | | | | 118,324,050 | 39 |
| -10,246,017 | | | | | | | 938,469,619 | 40 |
| -4,178,185 | | | | | | | 835,207,801 | 41 |
| 2,391,357 | | | | | 155 575 | | 144,271,768 | 42 |
| 116,351 | | | | | -155,575 | | 27,789,928 1,262,479 | 43 |
| -11,484,398 | | | | | -155,575 | | 2,413,192,901 | 45 |
| 375,258,153 | | | | | -4,893,990 | ; | 20,742,028,553 | 46 |
| | | | | | ,, | | , , , , , , , , , , , , | - |
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| Name of Respondent | This Report | ls: | Date of Re | eport Year/Period | |
|----------------------------|-------------------------|-----------------------|-------------------------|---------------------------|-------------|
| Duke Energy Carolinas, LLC | (1) ∑An (2) □ A F | Original Resubmission | (Mo, Da, \ 04/13/201 | | 2016/Q4 |
| | | | | | |
| Detinousents | ELECTRIC PLANT IN SERVI | | | | 11: |
| Retirements | Adjustments | Transfers | | Balance at End of Year | Line No. |
| (d) | (e) | (f) | | End of Year (g) | |
| | | | | | 47 |
| 2,782,655 | | - | 10,196,942 | 190,365,055 | 48 |
| 374,060 | | | | 83,331,300 | 49 |
| 6,116,076 | | | -565,527 | 1,550,666,028 | 50 |
| 549,028 | | | 1,130,746 | 597,546,563 | 51 |
| 5,100,714 | | | 527,806 | 408,716,450 | 52 |
| 2,290,689 | | | -877,311 | 733,149,952 | 53 |
| | | | | 123,868 | 54 |
| | | | | 4,755,419 | 55 |
| | | | | 42,238 | 56 |
| | | | | | 57 |
| 17,213,222 | | | -9,981,228 | 3,568,696,873 | 58 |
| | | | | | 59 |
| 1,292,487 | | | 5,882,535 | 63,784,812 | 60 |
| 600,377 | | | | 96,166,197 | 61 |
| 13,244,440 | | | 868,082 | 1,264,827,710 | 62 |
| | | | | | 63 |
| 9,043,674 | | | -5,381,666 | 1,502,249,254 | 64 |
| 20,968,178 | | | -5,228,849 | 2,027,364,643 | 65 |
| 282,953 | | | -7,361,441 | 191,934,666 | 66 |
| 4,430,803 | | | -7,361,526 | 1,841,522,453 | 67 |
| 1,668,000 | | | -7,361,437 | 1,358,448,611 | 68 |
| 924,932 | | | -7,362,082 | 1,008,470,857 | 69 |
| 25,737,971 | | | 58,892,605 | 464,049,052 | 70 |
| 4,016,238 | | | -7,361,424 | 721,223,642 | 71 |
| | | | | | 72 |
| 1,304,294 | | | -7,361,430 | 212,986,436 | 73 |
| | | | | | 74 |
| 83,514,347 | | | 10,863,367 | 10,753,028,333 | 75 |
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| | | | | | 84 |
| 20.000 | | | | | 85 |
| 254,773 | | | | 34,402,330 | 86 |
| 11,128,776 | | | | 501,477,987 | 87 |
| 25,937,797 | | | | 110,861,213 | 88 |
| 4,331,023 | | | | 10,254,685 | 89 |
| 30,208 | | | | 12,954,181 | 90 |
| 2,675 | | | | 72,782,665 | 91 |
| 2,351,581 | | | | 7,510,680 | 92 |
| 9,282,847 | | | | 14,162,859 | 93 |
| 7,791,690 | | | | 135,681,865 | 94 |
| 25,220 | | | | 3,803,640 | 95 |
| 61,136,590 | | | | 903,892,105 | 96 |
| | | | | 004.005 | 97 |
| 04 400 500 | | | | -931,335 | 98 |
| 61,136,590 | | | 4.044.074 | 902,960,770 | 99 |
| 537,122,312 | | | -4,011,851 | 36,784,264,556 | 100 |
| | | | | | 101 |
| | | | | | 102 |
| | | | 4.044.0=: | 20 -0 : 22 : 2 - 2 | 103 |
| 537,122,312 | | | -4,011,851 | 36,784,264,556 | 104 |
| | | | | | |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 204 Line No.: 15 Column: c

Total additions are revisions to estimates for existing ARCs during 2016.

| Name of Respondent Duke Energy Carolinas, LLC | | This Report is: (1) ∑An Original (2) A Resubmission | Date of Report (Mo, Da, Yr) 04/13/2017 | Year/P End of | End of 2016/Q4 | | |
|--|---|---|--|---------------------------------------|----------------------------------|--|--|
| | | ELECTRIC PLANT LEASED TO OTHE | ERS (Account 104) | | | | |
| Line No. | Name of Lessee (Designate associated companies with a double asterisk) (a) | Description of | Commission | Expiration Date of Lease (d) | Balance at | | |
| | with a double asterisk) (a) | Description of Property Leased (b) | Commission Authorization (c) | Lease (d) | Balance at End of Year (e) | | |
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| 47 | TOTAL | | | | | | |

| 20 | Name of Respondent | | | This Report Is: (1) XAn Original | | | te of Report o, Da, Yr) | Year/Period of Report End of 2016/Q4 | |
|--|----------------------------|---------------------------------------|------------|----------------------------------|-----------------|---------------------|----------------------------|--------------------------------------|----------------------------|
| Reprof separately each property held for future use at end of the year having an original cost of \$250,000 or more. Group other feems of property held for future 12. For property having an original cost of \$200,000 or more previously used in utility operations. Now held for future use, give in column (e), in addition to be continued to the control of the control | Duke Energy Carolinas, LLC | | l ` ′ L | (2) A Resubmission | | | | End | of <u>2010/Q4</u> |
| for future use. 2. For properly having an original cost of \$250,000 or more previously used in utility operations, now held for future use, give in column (a), in addition to other required information, the date that utility use of such property was discontinued, and the date the original cost was transferred to Account 105. No. Description and Location Date Original Cost (a) Date original Cost (a) Service or the Cost (a) | 1 R4 | | | | | | | oun othe | er items of property held |
| other required information, the date that utility use of such property was discontinued, and the date the onlyinal coal was fundered to Account 10. Description and Coalition Date Originally included Date Expended to the use of Including Service on Including Service o | | | at Grid Oi | i tile year riav | ing an ongmarco | ι 3 ι Οι ψ2. | 50,000 of filore. Of | oup ouic | il items of property field |
| Line | | | | | | | | | |
| No. | - | • | cn prope | erty was disco | | | - | | |
| 1 Land and Rights: 2 FURR ROD BETAIL - HUNTERSVILLE NC 3 NORTH ALEXANDER STREET RETAIL SUB- CHARLOTTE NC 4 LAKE NORMAN 525W RIGHT OF WAY'- CORNELIUS NC 5 RELIMATED AND S25W RIGHT OF WAY'- CORNELIUS NC 5 RELIMATED AND S25W RIGHT OF WAY'- CORNELIUS NC 6 KANOY RETAIL LOT'- CHARLOTTE, NC 7 REASON MILL RO RET RANDOLDEH, NC 8 SHOFFMER RETAIL SUBSTATION - GREENSBORO, NC 102013 9 KERWIN CIRCLE RETAIL - KERNERSVILLE NC 9 KERWIN CIRCLE RETAIL - KERNERSVILLE NC 10 DORMAN ROAD RETAIL - CHARLOTTE, NC 11 CALICO ROAD RETAIL - CHAUPEL COUNTY, NC 12 COUNTY, NC 12 COUNTY, NC 13 COUNTY, NC 14 COUNTY, NC 14 COUNTY, NC 15 COUNTY, NC 16 COUNTY, NC 17 COUNTY, NC 17 COUNTY, NC 18 COUNT | No. | Of Property | | | in This Acco | ount | in Utility Serv | ice | End of Year |
| 2 FURR ROAD RETAIL - HUNTERSYLLE, NC | 1 | ` , | | | (6) | | (6) | | (d) |
| 3 INORTH ALEXANDER STREET RETAL SUB - CHARLOTTE NC 6/2010 2020 999,967 4 LAKE NORMAN \$25kx RIGHT OF WAY - CORNELIUS, NC 12/1980 2024 928,624 5 BELMEADE RETAIL LOT - CHARLOTTE, NC 12/2001 2020 804,674 6 KANDY RETAIL LOT - THOMASVILLE, NC 12/2006 2021 975,881 7 BRANSON MILL RO RET - RANDOLPH, NC 10/2013 2002 572,418 8 SHOFFHER RETAIL SUBSTATION - GREENSBORO, NC 12/2009 2019 9112,693 9 KERWIN CINCLE RETAIL, EARNERSVILLE, NC 3/2013 2002 1512,693 10 DORMAN ROAD RETAIL - CALPUELL COUNTY, NC 3/2013 2002 459,800 11 CALICO ROAD RETAIL - CALPUELL COUNTY, NC 1/2012 2000 459,800 12 REVOLUTION MILL RETAIL - ANDERSON, SC 10/2013 2019 400,257 13 HIGHWAY 24 RETAIL - ANDERSON, SC 10/2013 2002 334,198 14 EDGEFIELD RETAIL - GREENSBORO, NC 10/2013 2002 370,488 15 LONG ISLAND ROAD RETAIL - CALPUEL, SC 10/2013 2002 370,488 16 ROBUST RETAIL - CALPUEL, SC 10/2013 2002 336,981 16 ROBUST RETAIL - CALPUEL, SC 10/2013 2002 336,981 17 SKYLAND RETAIL LOT - WINSTON-SALEM, NC 5/2009 2022 369,681 18 ROWER PLY PICKENS INSURABLE - SALEM, NC 5/2009 2022 303,819 18 ROWER PLY PICKENS INSURABLE - SALEM, NC 5/1997 2003 284,915 20 10 Other Property: 21 Other Property: 22 Other Land Rights - \$250K (41 ilems) 33 33 34 44 35 36 37 38 39 39 30 30 31 31 32 32 34 44 44 44 45 46 | | | | | 11 | /2013 | | 2022 | 1,227,200 |
| S BELMEADE RETAIL LOT - CHARLOTTE NC | | | HARLO | TTE NC | 6 | 6/2010 | | 2020 | 959,967 |
| 6 KANDY RETAIL LOT. THOMASVILLE, NC 122006 2021 575,861 7 BRANSON MILL RD RET. RANDOLPH, NC 10/2013 2022 572,418 8 SHOFFNER RETAIL SUBSTATION - GREENSBORO, NC 10/2013 2022 572,418 9 KERWIN CIRCLE RETAIL - KERNERSVILLE, NC 3/2013 2020 459,800 10 CORMAN RAOR RETAIL - KERNERSVILLE, NC 3/2013 2020 459,800 11 CALICO ROAD RETAIL - CALOWELL COUNTY, NC 1/2012 2020 427,771 12 REVOLUTION MILL RETAIL SUBSTATION - GREENSBORO, NC 10/2013 2019 400,2257 13 HIGHWAY 24 RETAIL - ANDERSON, SC 10/2013 2019 400,2257 14 HODEFIELD RETAIL - GREENSBORO, NC 10/2013 2020 396,861 15 LONG ISLAND ROAD RETAIL - CATAWAR, NC 5/2009 2022 396,861 16 ROEBUCK RETAIL LOT - SPARTANBURG, SC 12/2005 2024 394,453 17 SKYLAND RETAIL CH. THINSTON-SALEM, NC 1/2015 2025 303,8118 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 5/1997 2030 284,915 19 LITTLE MOUNTAIN ROAD RETAIL - GASTONIA, NC 1/2006 2022 2022 2022 2022 21 Other Property. 22 Other Land Rights < \$250K (41 items) 1,556,205 23 33 33 34 34 35 35 36 36 36 37 37 38 38 39 39 39 39 39 39 39 39 39 39 39 39 39 | 4 | LAKE NORMAN 525kv RIGHT OF WAY - CORN | ELIUS, I | NC | 12 | 2/1980 | : | 2024 | 928,624 |
| 7 BRANSON MILL RD RET - RANDOLPH, NC 102013 2022 572.418 8 SHOFFNER RETAILS UBSTATION - GREENSBORO, NC 122009 2019 512.863 9 KERWIN CIRCLE RETAIL - KERNERSVILLE, NC 32013 2022 512.463 10 DORMAN ROAD RETAIL - PINEVILLE, NC 32013 2020 459,800 11 CALLCO ROAD RETAIL - FINEVILLE, NC 32013 2020 459,800 11 CALLCO ROAD RETAIL - CALOWELL COUNTY, NC 12012 2020 427,771 12 REVOLUTION MILL RETAIL SUBSTATION - GREENSBORO, NC 102013 2019 400,257 13 HIGHWAY 24 RETAIL - ANDERSON, SC 10/2013 2020 370,486 15 LONG ISLAND ROAD RETAIL - CATAWBA, NC 5/2009 2022 386,881 16 ROBELOK RETAIL - GREENSBORO, NC 5/2009 2022 386,881 17 SKYLAND RETAIL LOT - WINSTON-SALEM, NC 5/2009 2022 386,881 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 1/1990 2025 303,819 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 5/1997 2030 282,811 20 International Country of Saleman Science Scie | 5 | BELMEADE RETAIL LOT - CHARLOTTE, NC | | | 12/2011 | | : | 2020 | 804,674 |
| 8 SHOFFNER RETAIL SUBSTATION - GREENSEORO, NC 12/2009 2019 512,803 9 KERWIN CIRCLE RETAIL - KERNERSVILLE, NC 3/2013 2022 512,403 10 DORMAN ROAD RETAIL - FINEVILLE, NC 3/2013 2020 469,900 11 CALICO ROAD RETAIL - FINEVILLE, NC 3/2013 2020 449,900 11 CALICO ROAD RETAIL - CALDWELL COUNTY, NC 1/2012 2020 427,771 12 REVOLUTION MILL RETAIL SUBSTATION - GREENSBORO, NC 1/2013 2019 400,257 13 H IGHWAY 24 RETAIL - ANDERSON, SC 1/2013 2022 384,198 14 EDEFFIELD RETAIL - CATAWBA, NC 5/2009 2022 386,831 16 ROEBUCK RETAIL COLTAWBA, NC 5/2009 2022 386,831 16 ROEBUCK RETAIL LOT - SPARTANBURG, SC 1/2005 2024 384,481 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 1/1990 2025 303,453 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 5/1997 2030 284,915 201 11 TILTE MOUNTAIN ROAD RETAIL - GASTONIA, NC 1/2008 2022 282,811 201 201 201 201 201 201 201 201 201 2 | 6 | KANOY RETAIL LOT - THOMASVILLE, NC | | | 12 | 2/2006 | : | 2021 | 575,861 |
| 9 KERWIN CIRCLE RETAIL - KERNERSVILLE, NC 3/2013 2022 512.463 10 DORMAN ROAD RETAIL - PINEVILLE, NC 3/2013 2020 459.800 459.800 10 CALICO ROAD RETAIL - CALDWELL COUNTY, NC 1/2012 2020 427.771 12 REVOLUTION MILL RETAIL SUBSTATION - GREENSBORO, NC 1/2013 2019 400.257 13 HIGHWAY 24 RETAIL - ANDERSON, SC 1/2013 2022 384.181 14 EDGEFIELD RETAIL - GREENSBORO, NC 1/2013 2020 370.486 15 LONG ISLAND ROAD RETAIL - CATAWBA, NC 5/2009 2022 384.815 15 LONG ISLAND ROAD RETAIL - CATAWBA, NC 5/2009 2022 368.8181 17 SKYLAND RETAIL LOT - WINSTON SALEM, NC 1/2005 2024 364.453 17 SKYLAND RETAIL LOT - WINSTON SALEM, NC 1/1990 2025 303.819 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 5/1997 2030 284.915 19 LITTLE MOUNTAIN ROAD RETAIL - GASTONIA, NC 1/2/2008 2022 282.811 20 20 20 20 20 20 20 | 7 | | | | 10 |)/2013 | ; | 2022 | 572,418 |
| 10 DORMAN ROAD RETAIL - PINEVILLE, NC 3/2013 2020 458,800 11 CALICO ROAD RETAIL - CALDWELL COUNTY, NC 1/2012 2020 427,771 12 REVOLUTION MILL RETAIL SUBSTATION - GREENSBORO, NC 10/2013 2019 400,257 13 HIGHWAY 24 RETAIL - ANDERSON, NC 10/2013 2022 384,198 14 EDGEFIELD RETAIL - GREENSBORO, NC 10/2013 2022 386,681 16 ROEBUCK RETAIL LOT - SPARTANBURG, NC 12/2006 2022 366,681 16 ROEBUCK RETAIL LOT - SPARTANBURG, NC 12/2006 2024 364,453 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 1/1990 2025 303,819 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 5/1997 2030 284,915 19 LITTLE MOUNTAIN ROAD RETAIL - GASTONIA, NC 12/2008 2022 282,811 20 20 20 20 20 20 20 | | | | С | | | | | |
| 11 CALICO ROAD RETAIL - CALDWELL COUNTY, NC 1/2012 2020 427,771 12 REVOLUTION MILL RETAIL SUBSTATION - GREENSBORO, NC 10/2013 2022 384,198 14 EDOEFIELD RETAIL - GREENSBORO, NC 10/2013 2022 384,198 15 LONG ISLAND ROAD RETAIL - CATAWBA, NC 5/2009 2022 366,681 16 ROEBUCK RETAIL LOT - SPARTANBURG, SC 12/2005 2024 364,453 17 SKYLAND RETAIL LOT - WINSTON-SALEM, NC 1/1990 2025 303,819 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 5/1997 2030 284,915 19 LITTLE MOUNTAIN ROAD RETAIL - GASTONIA, NC 5/1997 2030 282,811 20 Other Land Rights < \$250K (41 items) 1,656,205 22 28 23 33 34 34 35 36 37 37 37 37 37 37 37 37 37 37 37 37 37 | | | <u> </u> | | | | | | |
| 12 REVOLUTION MIL RETAIL SUBSTATION - GREENSBORO, NC 10/2013 2019 400,257 13 HIGHWAY 24 RETAIL - ANDERSON, SC 10/2013 2022 384,188 14 EDGEFIELD RETAIL - GREENSBORO, NC 10/2013 2020 370,486 15 LONG ISLAND ROAD RETAIL - CATAWBA, NC 5/2009 2022 386,981 16 ROEBUCK RETAIL LOT - SPARTANBURG, SC 12/2005 2024 384,453 384 | | | | | | | | | |
| 13 HIGHWAY 24 RETAIL - ANDERSON, SC 10 2013 2020 370,486 14 EDGEFIELD RETAIL - GREENSBORO, NC 10 2013 2020 370,486 15 LONG ISLAND ROAD RETAIL - CATAWBA, NC 50 209 2022 368,681 16 ROCEBUCK RETAIL LOT - SPARTAMBURG, SC 11 22005 2024 364,453 17 SKYLAND RETAIL LOT - SPARTAMBURG, SC 11 22005 2024 364,453 17 SKYLAND RETAIL LOT - WINSTON-SALEM, NC 11 1990 2025 303,819 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 51 1997 2030 22,911 19 LITTLE MOUNTAIN ROAD RETAIL - GASTONIA, NC 12 200 202 282,811 20 21 Other Property: 22 Other Land Rights < \$250K (41 items) 1,656,205 24 25 26 27 28 30 30 31 31 32 33 34 44 45 46 46 46 46 46 46 46 46 46 46 47 46 46 46 46 46 46 46 47 48 48 48 48 48 48 48 48 48 48 48 48 48 | | | | ODO NO | | | | | |
| 14 EDGEFIELD RETAIL - GREENSBORO, NC 15 LONG ISLAND ROAD RETAIL - CATAWBA, NC 15 LONG ISLAND ROAD RETAIL - CATAWBA, NC 15 LONG ISLAND ROAD RETAIL - CATAWBA, NC 15 ROEBUCK RETAIL LOT - SPARTANBURG, SC 12 2005 2024 384,835 17 SKYLAND RETAIL LOT - WINSTON-SALEM, NC 17 1990 2025 303,819 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 57 1997 2030 224,915 20 21 Other Property: 22 Other Property: 23 Other Property: 25 26 26 27 27 28 28 29 30 30 31 31 32 32 33 33 33 34 34 35 36 36 36 37 37 38 38 39 39 39 39 39 39 39 39 39 39 39 39 39 | | | KEENSB | UKU, NC | | | | | |
| 15 LONG ISLAND ROAD RETAIL - CATAWBA, NC 16 ROEBUCK RETAIL LOT - SPARTANBURG, SC 12/2005 2024 364,453 17 SKYLAND RETAIL LOT - WINSTON-SALEM, NC 1/1990 2025 303,819 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 1/1990 2020 2020 2020 2020 2020 2020 2020 | | - | | | | | | | |
| 16 ROBBUCK RETAIL LOT - SPARTANBURG, SC 12/2005 2024 364,453 17 SKYLAND RETAIL LOT - WINSTON-SALEM, NC 11/1990 2025 303,8191 18 KEOWE PLT PICKEN INSURABLE - SALEM, NC 51/1997 2030 284,915 19 LITTLE MOUNTAIN ROAD RETAIL - GASTONIA, NC 12/2008 2022 282,811 20 10ther Property: 21 Other Property: 22 Other Land Rights < \$250K (41 items) 1,656,205 23 24 25 26 26 27 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30 | | | | | | | | | · |
| 17 SKYLAND RETAIL LOT - WINSTON-SALEM, NC 1/1990 2025 303,819 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 5/1997 2030 284,915 19 LITTLE MOUNTAIN ROAD RETAIL - GASTONIA, NC 12/2008 2022 282,811 20 10 Unter Property: 22 Other Land Rights < \$250K (41 items) 1,656,205 23 24 25 26 29 30 30 30 30 30 30 30 30 30 30 30 30 30 | | | | | | | | | |
| 18 KEOWEE PLT PICKENS INSURABLE - SALEM, NC 19 LITTLE MOUNTAIN ROAD RETAIL - GASTONIA, NC 11/2008 202 282,811 20 21 Other Property: 22 Other Land Rights < \$250K (41 items) 23 24 25 26 27 28 29 30 31 31 32 29 30 31 31 32 33 34 40 41 41 41 44 45 46 46 | | | <u> </u> | | | | | | |
| 19 LITTLE MOUNTAIN ROAD RETAIL - GASTONIA, NC 20 Unter Property. 21 Other Property. 22 Other Land Rights < \$250K (41 items) 25 | | | | | | | | | |
| 21 Other Property: 22 Other Land Rights < \$250K (41 items) 1,656,205 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 44 45 46 | | | | | 12 | 2/2008 | | 2022 | |
| 22 Other Land Rights < \$250K (41 items) 1,656,205 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 | 20 | | | | | | | | |
| 23 | 21 | Other Property: | | | | | | | |
| 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 | 22 | Other Land Rights < \$250K (41 items) | | | | | | | 1,656,205 |
| 25 | 23 | | | | | | | | |
| 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 | - | | | | | | | | |
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| 30 31 32 33 33 34 34 35 36 37 38 39 40 40 41 42 42 43 44 44 45 46 46 46 46 46 46 46 46 46 46 46 46 46 | | | | | | | | | |
| 31 | | | | | | | | | |
| 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 | | | | | | | | | |
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| 34 35 36 37 38 39 40 41 41 42 43 44 45 46 | - | | | | | | | | |
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| 38 39 40 41 42 43 44 45 46 | 36 | | | | | | | | |
| 39 40 41 42 43 44 45 46 | 37 | | | | | | | | |
| 40 | | | | | | | | | |
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| 44 45 46 | | | | | | | | | |
| 45 | | | | | | | | | |
| 46 | | | | | | | | | |
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| 47 Total 11,398,296 | | | | | | | | | |
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| 47 Total 11,398,296 | | | | | | | | | |
| 47 Total 11,398,296 | | | | | | | | | |
| | 47 | Total | | | | | | | 11,398,296 |

| Name of Respondent This Report Is: Date of Report (Mo, Da, Yr) | | | | | | | Year/Period of Report End of 2016/Q4 |
|--|---|----------|---------|----------------------------|---------|-------------------------|---|
| Duke | Energy Carolinas, LLC | (2) | Ē | A Resubmission | | 04/13/2017 | End of |
| | | | | ORK IN PROGRESS - | | | • |
| 2. She Accou | port below descriptions and balances at end of ye ow items relating to "research, development, and int 107 of the Uniform System of Accounts) nor projects (5% of the Balance End of the Year fo | demo | onst | ration" projects last, und | der a c | aption Research, Develo | |
| Line | Description of Project | ct | | | | | Construction work in progress |
| No. | (a) | | | | | | Electric (Account 107) (b) |
| 1 | DISTRIBUTION PLANT | | | | | | |
| 2 | | | | | | | |
| 3 | VICTOR HILL RETAIL - DISTRIBUTION SUBST | TATIC | N | | | | 5,926,6 |
| 4 | PARK ROAD RETAIL TRANSFORMER ADDITI | ON | | | | | 5,053,7 |
| 5 | LEE SITE COMBINED CYCLE | | | | | | 4,654,8 |
| 6 | QUARTERLY OBSOLETE S&C CIRCUIT SWITE | CHEF | RS I | BUDGET PLUG | | | 3,852,0 |
| 7 | SMARTGRID AMR TO AMI METERS | | | | | | 2,980,5 |
| 8 | PROVOL RETAIL BANK 3 TRANSFORMER | | | | | | 2,924,2 |
| 9 | GREENBRIAR RETAIL - THIRD TRANSFORME | ER. | | | | | 2,340,1 |
| 10 | STREETCAR PHASE II - GOLD LINE PHASE 2 | - DU | СТ | RELOCATION | | | 1,628,8 |
| 11 | DUKE ENERGY DISTRIBUTION AND TRANSM | IISSI | NC | CONTROL CENTERS | | | 1,558,9 |
| 12 | ACCRUALS CAPITAL CLASS - DISTRIBUTION | SUB | S | | | | 1,470,8 |
| 13 | TRAYS ISLAND CABLE REPLACEMENT | | | | | | 1,265,1 |
| 14 | DEE - IPV6 IMPLEMENTATION FUND | | | | | | 1,125,1 |
| 15 | BANCROFT RETAIL - PV GENERATOR | | | | | | 1,070,1 |
| 16 | TRANSFER LOAD FROM WILLIAMSTON TO D | AVIS | ; | | | | 1,037,9 |
| 17 | PROJECTS LESS THAN \$1M | | | | | | 69,705,3 |
| 18 | TOTAL DISTRIBUTION PLANT \$106,594,715 | | | | | | |
| 19 | | | | | | | |
| 20 | GENERAL PLANT | | | | | | |
| 21 | | | | | | | |
| 22 | ESO CONTROL CENTER FACILITIES-DEC | | | | | | 94,948,8 |
| 23 | GENERAL ACCRUAL FOR DUKE POWER | 10,099,0 | | | | | |
| 24 | REAL ESTATE SERVICES CAROLINAS EAST | 6,936,4 | | | | | |
| 25 | REAL ESTATE SERVICES GENERAL PLANT V | | 5,038,0 | | | | |
| 26 | REAL ESTATE SERVICES MISCELLANEOUS | 4,626,1 | | | | | |
| 27 | WENWOOD OPERATING CENTER FUNDING | | 3,367,7 | | | | |
| 28 | | | | | | | 2,410,0 |
| 29 | | | | | | | 1,606,1 |
| 30 | SMARTGRID - DEE MDM SCALE FUNDING | 1,440,7 | | | | | |
| 31 | | | | | | | 1,324,7 |
| 32 | | | | | | | 1,158,7 |
| 33 | DAILY RATING CHARGING ESTIMATE TOOL | | | | | | 1,121,6 |
| 34 | ENABLE HARDWARE FOR DEC | | | | | | 1,113,7 |
| 35 | PROJECTS LESS THAN \$1M | | | | | | 7,087,9 |
| 36 | TOTAL GENERAL PLANT \$142,280,155 | | | | | | |
| 37 | | | | | | | |
| 38 | INTANGIBLE PLANT | | | | | | |
| 39 | | | | | | | |
| 40 | LEE NUCLEAR CONSTRUCTION AND OPERA | TING | LIC | CENSE | | | 287,857,7 |
| 41 | ENABLE SOFTWARE FOR DEC | | | | | | 41,629,5 |
| 42 | NUCLEAR IT CTA FUNDING | | | | | | 14,653,5 |
| | | | | | | | |
| | | | | | | | |
| 43 | TOTAL | | | | | | 2,319,769,2 |

| | e of Respondent | This (1) | R C | eport Is: ∖∏An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report End of 2016/Q4 | | | | | |
|------|--|------------------------|------------|---------------------------------|--------------------------------|--------------------------------------|--|--|--|--|--|
| Duke | Energy Carolinas, LLC | (2) | Ľ | A Resubmission | 04/13/2017 | End of | | | | | |
| | | | _ | ORK IN PROGRESS ELEC | | - | | | | | |
| | port below descriptions and balances at end of ye | | | | | nment and Demonstrating (see | | | | | |
| | ow items relating to "research, development, and nt 107 of the Uniform System of Accounts) | uemo | msı | ration projects last, under a c | aption Research, Develo | pment, and Demonstrating (see | | | | | |
| | nor projects (5% of the Balance End of the Year fo | or Acc | our | nt 107 or \$1,000,000, whichev | er is less) may be groupe | ed. | | | | | |
| Line | ine Description of Project Construction work in progress - | | | | | | | | | | |
| No. | , | Electric (Account 107) | | | | | | | | | |
| 1 | (a) ENABLE HARDWARE FOR DEC | (b) 9,124,877 | | | | | | | | | |
| 2 | INT85B CTA MWMS CONSOLIDATION | | | | | 9,000,145 | | | | | |
| 3 | DAILY RATING CHARGING ESTIMATE TOOL | | | | | 6,979,581 | | | | | |
| 4 | DMS PROJECT #3 | | | | | 6,513,448 | | | | | |
| 5 | INT657E-CAROLINAS EMS CONSOLIDATION | | | | | 5,300,143 | | | | | |
| 6 | OCONEE UNIT 1 MEASUREMENT UNCERTAI | NTY F | REC | CAPTURE RATE | | 4,271,860 | | | | | |
| 7 | OCONEE UNIT 3 MEASUREMENT UNCERTAIL | NTY F | REC | CAPTURE RATE | | 3,767,650 | | | | | |
| 8 | OCONEE UNIT 2 MEASUREMENT UNCERTAIL | NTY F | REC | CAPTURE RATE | | 3,130,364 | | | | | |
| 9 | OCONEE CORE MONITORING SOFTWARE A | ND SE | ΞR١ | /ERS | | 2,511,077 | | | | | |
| 10 | ELECTRONIC WORK PACKAGE APPLICATION | N | | | | 2,486,262 | | | | | |
| 11 | SMARTGRID TOA SOFTWARE REPLACEMEN | Τ | | | | 2,412,695 | | | | | |
| 12 | ESO - TCC ELECTRONIC MAPBOARD | | | | | 1,526,618 | | | | | |
| 13 | SMARTGRID DMS ENHANCEMENTS | | | | | 1,182,255 | | | | | |
| 14 | PROJECTS LESS THAN \$1M | | | | | 8,858,324 | | | | | |
| 15 | TOTAL INTANGIBLE PLANT \$411,206,059 | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| 17 | PRODUCTION PLANT | | | | | | | | | | |
| 18 | | | | | | | | | | | |
| 19 | LEE SITE COMBINED CYCLE | | | | | 431,244,003 | | | | | |
| 20 | LEE NUCLEAR CONSTRUCTION AND OPERA | TING | LIC | CENSE | | 229,159,744 | | | | | |
| 21 | MONROE SOLAR FACILITY | | | | | 98,393,613 | | | | | |
| 22 | OCONEE UNIT 1 MAIN STREAM ISOLATION V | /ALVE | ES | | | 84,839,113 | | | | | |
| 23 | BRIDGEWATER LINVILLE DAM | | | | | 36,867,331 | | | | | |
| 24 | CLIFFSIDE UNIT 5 - DRY FLYASH CONVERSION | ON | | | | 21,639,741 | | | | | |
| 25 | KEOWEE UNIT 1 GENERATOR STATOR OVE | RHAU | JL | | | 17,706,968 | | | | | |
| 26 | OCONEE MAIN GENERATOR RELAY PANEL | | | | | 17,545,517 | | | | | |
| 27 | BELEWS CREEK CCP BC DRY BOTTOM ASH | CON | VE | RSION | | 16,197,285 | | | | | |
| 28 | ALLEN STEAM REPLACE 3 DFLP ROTORS | | | | | 13,399,291 | | | | | |
| 29 | BUCK REPLACEMENT WATER SUPPLY | | | | | 12,518,849 | | | | | |
| 30 | OCONEE UNIT 1 MEASUREMENT UNCERTAIL | 12,362,522 | | | | | | | | | |
| 31 | OCONEE UNIT 1 HIGH PRESSURE HEATER F | REPLA | ٩CI | EMENT | | 11,877,622 | | | | | |
| 32 | MARSHALL STEAM REPLACE 1 LP ROTOR | | | | | 11,761,559 | | | | | |
| 33 | OCONEE SSF GENERATOR REPLACEMENT | | 11,663,427 | | | | | | | | |
| 34 | MARSHALL STEAM DRY BOTTOM ASH CONV | | 11,320,193 | | | | | | | | |
| 35 | OCONEE UNIT 1 PROTECTED SERVICE WAT | 10,264,267 | | | | | | | | | |
| 36 | OCONEE ROOF REPLACEMENT TURBINE UNIT 1 SECTION 2 10,006 | | | | | | | | | | |
| 37 | | | | | | | | | | | |
| 38 | | | | | | | | | | | |
| 39 | | | | | | | | | | | |
| 40 | OCONEE UNIT 2 MEASUREMENT UNCERTAIL | 9,446,271 | | | | | | | | | |
| 41 | OCONEE UNIT 3 MEASUREMENT UNCERTAIL | 8,967,400 | | | | | | | | | |
| 42 | MCGUIRE EMERGENCY SUPPLIMENTAL PO | WER S | so | JRCE | | 8,428,012 | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 43 | TOTAL | | | | | 2,319,769,272 | | | | | |

| Name of Respondent This | | | | | ort Is: An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report End of 2016/Q4 |
|---|---|---|-------|-----|-----------------------------|--------------------------------|--------------------------------------|
| Duke Energy Carolinas, LLC (1) A Resubmission (No., 24, 11) (1) A Resubmission 04/13/2017 | | | | | | | End of |
| | CONSTRUC | TION | WC |)F | K IN PROGRESS ELE | CTRIC (Account 107) | |
| | port below descriptions and balances at end of ye | | - | | • | , , | |
| | ow items relating to "research, development, and on the uniform System of Accounts) | demor | nstr | at | ion" projects last, under a | caption Research, Develo | pment, and Demonstrating (see |
| | nor projects (5% of the Balance End of the Year fo | or Acco | oun | t 1 | 07 or \$1,000,000, whiche | ver is less) may be groupe | ed. |
| | | | | | | | |
| Line | Description of Project | Construction work in progress - Electric (Account 107) | | | | | |
| No. | (a) | (b) | | | | | |
| 1 | OCONEE ISFSI PHASE 9 FOUNDATION SLAB | 7,026,721 | | | | | |
| 2 | COWANS FORD UNIT 1 LIFE EXTENSION | 6,713,289 | | | | | |
| 3 | BELEWS CREEK SMART M&D REMOTE MON | ITORII | NG | Е | QUIPMENT INSTALLATION | ON | 6,513,945 |
| 4 | MCGUIRE UNIT 2 UPGRADE MAIN POWER RE | ELAYI | NG | | | | 6,455,996 |
| 5 | OCONEE - PSW HARSH ENVIRONMENT | | | | | | 6,445,357 |
| 6 | MCGUIRE UNIT 1 GENERATOR STATOR REF | URBIS | M | ΛE | ENT | | 6,355,001 |
| 7 | MCGUIRE UNIT 1 D/H TORNADOR MISSLE UP | PGRAI | DE | | | | 6,115,928 |
| 8 | BELEWS CREEK UNIT 1 SECONDARY SH REI | PLACE | ΕΜΙ | Ξſ | I T | | 5,919,018 |
| 9 | LARK HIGH BAY MAINTENANCE FACILITY | | | | | | 5,807,957 |
| 10 | OCONEE - CABLE SEP CIVIL REINFORCEMENT | NT MC | DS | 3 | | | 5,653,170 |
| 11 | MCGUIRE UNIT 2 D/H TORNADOR MISSLE UP | PGRAI | DE | | | | 5,022,005 |
| 12 | CLIFFSIDE 5&6 SMART M&D REMOTE MONIT | ORIN | G E | Q | UIPMENT INSTALLATIO | N | 4,706,760 |
| 13 | OCONEE PLANT SSF LETDOWN LINE MODIF | ICATIO | NC | | | | 4,603,039 |
| 14 | MARSHALL CELLS 3 AND 4 NEW LANDFILL | | | | | | 4,585,501 |
| 15 | CEDAR CLIFF POWER HOUSE DAM IDF SPILI | LWAY | & (| 3/ | ATE HOUSE | | 4,582,323 |
| 16 | LARK MAINTENANCE CENTER INSTALL CT P | ARTS | W | ٩F | REHOUSE | | 4,563,027 |
| 17 | OCONEE DRY STORAGE PHASE 8 | | | | | | 4,420,695 |
| 18 | OCONEE RPS/ES ADDITIONAL WORK | | | | | | 4,309,740 |
| 19 | ALLEN STEAM DRY BOTTOM ASH CONVERS | ION | | | | | 4,069,022 |
| 20 | MCGUIRE NCP MOTOR STATOR REPLACEME | ENT | | | | | 3,817,834 |
| 21 | MARSHALL REPLACE CLARIFIER WITH ULTR | RAFILT | ER | | | | 3,404,644 |
| 22 | BELEWS CREEK DFIP ROTO AND DIAPHRAG | iMS | | | | | 3,367,310 |
| 23 | OCONEE UNIT 1,2&3 BWST RECIRC SYSTEM | // | | | | | 3,318,392 |
| 24 | BELEWS CREEK MAIN TURBINE VALVES | | | | | | 3,314,761 |
| 25 | MCGUIRE MAIN STEP-UP TRANSFORMER 2B | 3 | | | | | 3,277,628 |
| 26 | KEOWEE UNIT 2 GENERATOR STAOR OVERI | HAUL | RE | F | JRBISH | | 3,248,422 |
| 27 | OCONEE SSF SOUTH DOOR PROTECTION - | | | | | | 3,236,003 |
| 28 | OCONEE TRAINING CENTER ANNEX | | | _ | | | 3,025,489 |
| 29 | MCGUIRE UNIT 1 & UNIT 2 POLAR CRANE ME | ETER | & C | 0 | NTROLS | | 2,973,474 |
| 30 | OCONEE CRACS UNIT 1:11 | | | _ | | | 2,968,625 |
| 31 | COWANS FORD UNIT 1 LIFE EXTENSTION - D | DISCH | AR | G | E RING LINER PLATE | | 2,913,439 |
| 32 | BEAR CREEK LIFE EXTENSION | | | _ | | | 2,730,014 |
| 33 | MCGUIRE LICENSE RENEWAL | | | | | | 2,698,775 |
| 34 | MARSHALL STEAM INSTALL MAG HYDROXID | F SYS | STF | ī | | | 2,563,066 |
| 35 | OCONEE PROTECTIVE SERVICE WATER UNI | 2,537,133 | | | | | |
| 36 | DUKE UNIVERSITY COMBINED HEAR AND PO | 2,385,897 | | | | | |
| 37 | OCONEE SSF SUMP PUMP/PIPING REPLACIN | 2,337,004 | | | | | |
| 38 | CLIFFSIDE UNIT 5 - DRY BOTTOM ASH CONV | 2,224,411 | | | | | |
| 39 | DAN RIVER OIL WATER SEPARATOR REPLACE | 2,203,894 | | | | | |
| 40 | OCONEE -FWHTR-2A1/ 2A2 HIGH PRESSURE | | . • 1 | | | | 2,203,894 |
| | KEOWEE UNIT 1 ON-LINE MONITORING GEN | | ∩P | | | | 2,196,757 |
| 41 | COWANS FORD UNIT 4 LIFE EXTENSION ELE | | | | | | 2,190,737 |
| 42 | OOVANOTORD ONLY 4 LILE EXTENSION ELE | LOIKI | | _ | | | 2,190,900 |
| | | | | | | | |
| 40 | TOTAL | | | | | | |
| 43 | TOTAL | | | | | | 2,319,769,272 |

| | e of Respondent | This (1) | Report Is: X An Original | | Date of Report (Mo, Da, Yr) | Year/Period of Report End of 2016/Q4 |
|----------------------------|--|------------------------|----------------------------|-----------------|--------------------------------|---|
| Duke Energy Carolinas, LLC | | | A Resubmission | | 04/13/2017 | End of |
| | CONSTRUC | | | | | |
| 2. Sh Accou | port below descriptions and balances at end of year ow items relating to "research, development, and ant 107 of the Uniform System of Accounts) nor projects (5% of the Balance End of the Year for | demo | nstration" projects la | ist, under a ca | aption Research, Develo | |
| Line | Description of Project | ct | | | | Construction work in progress - |
| No. | (a) | Electric (Account 107) | | | | |
| 1 | OCONEE CONDENSER TUBE CLEANING SYS | STEM | | | | 2,184,517 |
| 2 | LEE STEAM WASTE WATER TREATMENT | | | | | 2,169,304 |
| 3 | MCGUIRE CYBER SECURITY | | | | | 2,149,709 |
| 4 | BELEWS CREEK CCP STORM WATER / PRO | CESS | WATER REROUTE | | | 2,035,498 |
| 5 | MARSHALL STEAM STORM WATER / PROCE | SS W | ATER REROUTE | | | 2,032,271 |
| 6 | CLIFFSIDE UNIT 5BIOREACTOR WASTE WAT | ΓER ΤΙ | REATMENT | | | 2,020,332 |
| 7 | DEARBORN DIVERSION DAM STRUCTURAL | MODI | FICATIONS | | | 1,990,785 |
| 8 | MCGUIRE PHASE IV DRY STORAGE | | | | | 1,949,338 |
| 9 | ALLEN STEAM STORM WATER / PROCESS V | VATEF | REROUTE | | | 1,943,155 |
| 10 | OXFORD PLANT UNIT 2 - REWIND STATOR | | | | | 1,898,402 |
| 11 | CLIFFSIDE UNIT 6A ID FAN ROTOR REPLACE | EMEN | Т | | | 1,852,932 |
| 12 | MARSHALL STEAM SMART M&D PHASE 2 & | 3 INST | ΓALL | | | 1,844,359 |
| 13 | BAD CREEK PUMP STORAGE POWERHOUS | E CRA | NE CONTROLS AN | ID DRIVE | | 1,838,204 |
| 14 | JOCASSEE PLT REPLACE POWERHOUSE RO | OOF | | | | 1,836,545 |
| 15 | ELECTRONIC WORK PACKAGE APPLICATIO | N | | | | 1,799,877 |
| 16 | BELEWS CREEK CCP LINED RETENTION BA | SIN | | | | 1,772,835 |
| 17 | CATAWBA - EDG SUPPLEMENTAL POWER S | OURC | E | | | 1,751,435 |
| 18 | OCONEE 2A2 REACTOR COOLANT PUMP RE | PLAC | EMENT | | | 1,742,959 |
| 19 | REACTOR VESSEL TENSIONER REPLACEME | ENT | | | | 1,725,347 |
| 20 | OXFORD PLANT - INSTALL FLOOD GATE GA | NTRY | | | | 1,653,636 |
| 21 | CATAWBA OUTER VBS&OCA CAMERA STAN | IDARE | IZATION | | | 1,632,531 |
| 22 | COWANS FORD UNIT 2 LIFE EXTENSION GE | NERA | TOR COVER AND | HEADGATES | 6 | 1,626,213 |
| 23 | MCGUIRE PURCHASE 150 TON LINKBELT CF | RANE | | | | 1,605,841 |
| 24 | MCGUIRE UNIT 2 RN SUCTION OVERPRESS | URE F | PROTECTION SYST | ΓEM | | 1,579,220 |
| 25 | BELEWS CREEK SCR ROOF REPLACEMENT | | | | | 1,550,293 |
| 26 | CATAWBA - REPLACE WC FIBERGLASS PIPI | NG W | ITH HDPE | | | 1,491,621 |
| 27 | COWANS FORD UNIT 4 LIFE EXTENSION ME | CHAN | IICAL | | | 1,478,978 |
| 28 | LOOKOUT SHOALS PLANT - SEISMIC NET PR | ROJE | CT | | | 1,465,772 |
| 29 | OCONEE UNITS 1,2 AND 3 LED LIGHT FIXTU | JRES I | N TURBINE BUILD | ING | | 1,437,123 |
| 30 | BAUSCH & LOMB 4000KW EMERGENCY GEN | NERAT | OR | | | 1,435,939 |
| 31 | ALLEN STEAM EMERGENCY SHOWERS AND | EYE | WASH STATION | | | 1,431,077 |
| 32 | COWANS FORD UNIT 1 LIFE EXTENSION GE | NERA | TOR COVER AND | HEADGATES | 6 | 1,430,194 |
| 33 | LINVILLE ROAD FOR FUTURE ACCESS AREA | A TO L | AKE JAMES | | | 1,428,520 |
| 34 | OCONEE REPLACE AHU'S 0-12,0-13,0-14,0-1 | 5 | | | | 1,358,790 |
| 35 | MCGUIRE INSTALL OPEN PHASE DETECTIO | N | | | | 1,345,573 |
| 36 | ALLEN STEAM SMART GENERATION EQUIP | MENT | INSTALLATION | | | 1,334,866 |
| 37 | MCGUIRE UNIT 1 RV SHROUD REPLACEMEN | NΤ | | | | 1,325,659 |
| 38 | NS / ARGOS WHOLE BODY MONITOR | | | | | 1,294,407 |
| 39 | MARSHALL STEAM LINED RETENTION BASI | N | | | | 1,292,641 |
| 40 | MCGUIRE REPLACE VB COMPRESSORS | | | | | 1,276,332 |
| 41 | BELEWS CREEK FGD SYSTEM UPGRADE | | | | | 1,275,951 |
| 42 | MCGUIRE UNIT 1 RN SUCTION OVERPRESS | URE F | PROTECTION | | | 1,267,862 |
| | | | | | | |
| 43 | TOTAL | | | | | 0.040.700.070 |
| +3 | IOIAL | | | | | 2,319,769,272 |

| Duke Energy Carolinas, LLC | (1) (2) CONSTRUCTION |) 🗀 | Än Original ∃A Resubmission | (Mo, Da, Yr) 04/13/2017 | End of2016/Q4 | | | | |
|--|---|---------|--------------------------------|----------------------------|---------------------------------|--|--|--|--|
| _ | CONSTRUCTION | | | | | | | | |
| | - | | | | | | | | |
| Report below descriptions and balances at end of year of projects in process of construction (107) Show items relating to "research, development, and demonstration" projects last, under a caption Research, Development, and Demonstrating (see | | | | | | | | | |
| Account 107 of the Uniform System | • | ionsti | ation projects last, under a | caption Research, Develo | opinent, and Demonstrating (see | | | | |
| 3. Minor projects (5% of the Balance | • | coun | t 107 or \$1,000,000, whiche | ver is less) may be group | ed. | | | | |
| Lina | escription of Project | | | | Canatruction work in progress | | | | |
| Line D | Construction work in progress - Electric (Account 107) | | | | | | | | |
| 1 CLIFFSIDE 5 DUAL FUEL C | (a) | | | | (b) 1,261,695 | | | | |
| 2 BELEWS CREEK UNIT 1 MA | | ADV (| STEAM SYSTEM | | 1,251,191 | | | | |
| 3 MARSHALL STEAM UNIT2 I | | | JILAW STOTEW | | 1,238,863 | | | | |
| 4 MCGUIRE UNIT 2 RV SHRC | | | | | 1,232,804 | | | | |
| 5 MCGUIRE UNIT 1 DCS SER | | | | | 1,187,659 | | | | |
| 6 NANTAHALA HYDRO - PEN | |)R W | HITE OAK PIPELINE | | 1,169,827 | | | | |
| 7 MCGUIRE 2A NC SEAL REF | | 71 | THIE OF WET IT ELLINE | | 1,164,550 | | | | |
| 8 NUCLEAR SERVER UPGRA | | | | | 1,153,858 | | | | |
| 9 CLIFFSIDE 6 DUAL FUEL C | | | | | 1,142,591 | | | | |
| 10 CLIFFSIDE 6 MISCELANEO | | RI AN | IKFT | | 1,134,271 | | | | |
| 11 MCGUIRE UNIT 1 REPLACE | | | | | 1,105,261 | | | | |
| 12 DEC FIREARMS FOR FIXE | | | | | 1,080,913 | | | | |
| 13 BELEWS CREEK UNIT 2 FG | | | | | 1,078,757 | | | | |
| 14 CLIFFSIDE UNIT 6 GENERA | | | Т | | 1,066,053 | | | | |
| 15 MCGUIRE REROOF BUILDI | | | • | | 1,044,746 | | | | |
| 16 BUCK CT CCP PROCESS V | | | | | 1,040,162 | | | | |
| 17 MCGUIRE UNIT 1 EDG VOL | | FPI A | ACEMENT | | 1,020,799 | | | | |
| 18 MCGUIRE UNIT 2 DCS SER | | | TO ENTERY | | 1,018,958 | | | | |
| 19 COWANS FORD LIFE EXTE | | :HAN | IICAI | | 1,014,145 | | | | |
| 20 PROJECTS LESS THAN \$11 | | 71 1/11 | IIOAL | | 80,857,985 | | | | |
| 21 TOTAL PRODUCTION PLAN | | | | | 00,007,000 | | | | |
| 22 | - φ1,100,001,000 | | | | | | | | |
| 23 TRANSMISSION PLANT | | | | | | | | | |
| 24 | | | | | | | | | |
| 25 RIVERBEND SS P&C RELO | ATION & UPGRADE | | | | 35,662,233 | | | | |
| 26 OCONEE 230KV PCB'S REF | | | | | 24,071,537 | | | | |
| 27 LEE SITE COMBINED CYCL | | | | | 20,644,390 | | | | |
| 28 NTE CAROLINAS, LLC INTI | | | | | 18,166,629 | | | | |
| 29 MCGUIRE UNIT 1 MAIN STE | | ₹ | | | 12,377,559 | | | | |
| 30 TUXEDO A&B KV LINE REB | JILD PHASE II | | | | 8,282,810 | | | | |
| 31 WINECOFF TIE SECURITY | | LIGH | TING UPGRADE | | 6,586,393 | | | | |
| 32 KEOWEE SPARE MSU TRA | | | | | 6,079,743 | | | | |
| 33 PEACH VALLEY TIE LOND | | | | | 5,489,692 | | | | |
| 34 UNION 100kV LINE REBUIL |) | | | | 4,188,083 | | | | |
| 35 E GREENVILLE SWITCHING | STATION P&C UPGRA | ADE | | | 4,060,000 | | | | |
| 36 WEST FRANKLIN 66 KV LIN | ES . | | | | 3,639,223 | | | | |
| 37 ABRAM SECURITY ENHAN | EMENT | | | | 3,627,356 | | | | |
| 38 CENTRAL TIE TRANSFORM | ER REPLACEMENT | | | | 3,529,071 | | | | |
| 39 BLACKBURN SECURITY EN | HANCEMENT | | | | 2,963,939 | | | | |
| 40 LEE NUCLEAR STATION TR | ANSMISSION ASSETS | S | | | 2,434,258 | | | | |
| 41 MCGUIRE UNIT 1B MSU TR | ANSFORMER | | | | 2,339,293 | | | | |
| 42 MONROE SOLAR TRANSM | SSION | | | | 1,955,681 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 43 TOTAL | | | | | 2,319,769,272 | | | | |

| | e of Respondent | This (1) | s Re | port Is: An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|----------------------------|---|--------------------|-------|---------------------------------|--------------------------------|---|
| Duke Energy Carolinas, LLC | | | | A Resubmission | 04/13/2017 | End of |
| | | TRIC (Account 107) | | | | |
| 2. Sh | port below descriptions and balances at end of ye ow items relating to "research, development, and ant 107 of the Uniform System of Accounts) nor projects (5% of the Balance End of the Year fo | demoi | onstr | ation" projects last, under a c | aption Research, Develop | |
| Line | Description of Project | ·t | | | | Construction work in progress - |
| No. | | ٠. | | | | Construction work in progress - Electric (Account 107) |
| 1 | (a) MAYO SECURITY ENHANCEMENT | | | | | (b) 1,792,503 |
| 2 | MCGUIRE SWITCHING STATION 525KV REAC | TOR | REF | PLACEMENT | | 1,763,424 |
| 3 | DEC NERC CIP LOW SITES | | | | | 1,755,671 |
| 4 | AYRSHIRE HOLDINGS LLC - NEW CUSTOMEI | R STA | ATIC | N | | 1,542,988 |
| 5 | ALAMANCE LINE UPGRADE | | | | | 1,318,577 |
| 6 | REPLACE OPGW WITH OPGW FIBER FROM | MCGI | UIRI | TO HARRISBURG | | 1,246,528 |
| 7 | PROJECTS LESS THAN \$1M | | | | | 28,588,953 |
| 8 | TOTAL TRANSMISSION PLANT \$204,106,535 | 5 | | | | |
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| | | | | | | |
| 43 | TOTAL | | | | | 2,319,769,272 |
| | | | | | | 2,310,700,272 |

| Name of Respondent | This Report Is: (1) X An Original | Date (Mo | of Report Da, Yr) | Year/Period of Report | | | | | |
|---|-----------------------------------|------------------------------|----------------------------|--|--|--|--|--|--|
| Duke Energy Carolinas, LLC | (2) A Resubmission | , | /2017 | End of 2016/Q4 | | | | | |
| ACCUMULATED PROV | ISION FOR DEPRECIATION | ON OF ELECTRIC UTI | LITY PLANT (Ac | count 108) | | | | | |
| 1. Explain in a footnote any important adjustments during year. 2. Explain in a footnote any difference between the amount for book cost of plant retired, Line 11, column (c), and that reported for | | | | | | | | | |
| electric plant in service, pages 204-207, column 9d), excluding retirements of non-depreciable property. | | | | | | | | | |
| 3. The provisions of Account 108 in the Uniform System of accounts require that retirements of depreciable plant be recorded when such plant is removed from service. If the respondent has a significant amount of plant retired at year end which has not been recorded | | | | | | | | | |
| and/or classified to the various reserve functional classifications, make preliminary closing entries to tentatively functionalize the book | | | | | | | | | |
| cost of the plant retired. In addition, include all c | osts included in retireme | ent work in progress | at year end in t | he appropriate functional | | | | | |
| classifications. | | . d of downsaistics oo | | | | | | | |
| Show separately interest credits under a sinki | ng iuna or similar metho | od of depreciation ac | counting. | | | | | | |
| Se | ction A. Balances and Cl | nanges During Year | | | | | | | |
| Line Item | Total (c+d+e) | Electric Plant in Service | Electric Pla for Future | nt Held Electric Plant e Use Leased to Others | | | | | |
| No. (a) | (b) | (c) | (d) | (e) | | | | | |
| 1 Balance Beginning of Year | 13,605,528,810 | 13,605,528,8 | 10 | | | | | | |
| 2 Depreciation Provisions for Year, Charged to | | | | | | | | | |
| 3 (403) Depreciation Expense | 951,571,661 | 951,571,6 | 31 | | | | | | |
| 4 (403.1) Depreciation Expense for Asset | | | | | | | | | |
| Retirement Costs | | | | | | | | | |
| 5 (413) Exp. of Elec. Plt. Leas. to Others | | | | | | | | | |
| 6 Transportation Expenses-Clearing | 242,777 | 242,7 | 77 | | | | | | |
| 7 Other Clearing Accounts | | | | | | | | | |
| 8 Other Accounts (Specify, details in footnote): | 282,759,748 | 282,759,7 | <mark>18</mark> | | | | | | |
| 9 | | | | | | | | | |
| 10 TOTAL Deprec. Prov for Year (Enter Total of lines 3 thru 9) | 1,234,574,186 | 1,234,574,1 | 36 | | | | | | |
| 11 Net Charges for Plant Retired: | | | | | | | | | |
| 12 Book Cost of Plant Retired | 537,401,917 | 537,401,9 | 17 | | | | | | |
| 13 Cost of Removal | 90,543,953 | 90,543,9 | 53 | | | | | | |
| 14 Salvage (Credit) | 17,670,822 | 17,670,8 | 22 | | | | | | |
| 15 TOTAL Net Chrgs. for Plant Ret. (Enter Total of lines 12 thru 14) | 610,275,048 | 610,275,0 | 18 | | | | | | |
| 16 Other Debit or Cr. Items (Describe, details in footnote): | 56,354,295 | 56,354,2 | 95 | | | | | | |
| 17 | | | | | | | | | |
| 18 Book Cost or Asset Retirement Costs Retired | | | | | | | | | |
| 19 Balance End of Year (Enter Totals of lines 1, 10, 15, 16, and 18) | 14,286,182,243 | 14,286,182,2 | 13 | | | | | | |
| <u> </u> | Balances at End of Year | | | on | | | | | |
| 20 Steam Production | 3,155,882,867 | 3,155,882,8 | | | | | | | |
| 21 Nuclear Production | 3,104,524,348 | 3,104,524,3 | 18 | | | | | | |
| 22 Hydraulic Production-Conventional | 302,678,833 | 302,678,8 | | | | | | | |
| 23 Hydraulic Production-Pumped Storage | 654,290,784 | 654,290,7 | | | | | | | |
| 24 Other Production | 761,666,341 | 761,666,3 | 11 | | | | | | |
| 25 Transmission | 1,389,507,162 | 1,389,507,1 | 52 | | | | | | |
| 26 Distribution | 4,561,335,790 | 4,561,335,7 | 90 | | | | | | |
| 27 Regional Transmission and Market Operation | | | | | | | | | |
| 28 General | 356,296,118 | 356,296,1 | | | | | | | |
| 29 TOTAL (Enter Total of lines 20 thru 28) | 14,286,182,243 | 14,286,182,2 | 13 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | • |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

| Schedule Page: 219 Line No.: 8 Column: c | |
|---|------------------------|
| ARO Depreciation Deferral | \$303,309,103 |
| SC EDP Deferral Giveback | \$2,064,699 |
| Amortization - Cliffside 6 (contra) | (\$9,622,692) |
| Depreciation Deferral - McGuire uprate | (\$362,760) |
| Depreciation Deferrals - Dan River | (\$2,720,688) |
| Depreciation Deferrals - Solar | \$353,490 [*] |
| TEP Impairment Amortization | \$610,665 |
| Buck & Riverbend Amortization - NBV & Inventory | (\$9,767,220) |
| Buck & Bridgewater - Amortization | (\$945,324) |
| WWII Amortization | (\$75,977) |
| Rotable Fleet Spare Amortization | (\$1,053,971) |
| Depreciation Deferral on SC AMI Meters | \$970,423 |
| Total | \$282,759,748 |
| Schedule Page: 219 Line No.: 16 Column: c | |
| Asbestos Regulatory Liability Reclass | \$47,101,683 |
| Transfers and Adjustments | \$5,286,741 |
| Gain/Loss related to Land Donations | \$3,500,850 |
| NBV of Retired NC/SC Meters to Reg Asset | \$465,021 |
| Total | \$56,354,295 |

| | of Respondent | | Report Is: [X]An Original | | Date of Re (Mo, Da, Y | eport (r) | Year/Perio | d of Report |
|---|---|--------|------------------------------|------|--------------------------|-----------------|------------|--|
| Duke Energy Carolinas, LLC | | | A Resubmission | | 04/13/201 | | End of _ | 2016/Q4 |
| | INVESTM | ANIES | (Account 123.1) |) | | | | |
| 2. Procolumi (a) Inv (b) Inv curren date, a 3. Rej | 1. Report below investments in Accounts 123.1, investments in Subsidiary Companies. 2. Provide a subheading for each company and List there under the information called for below. Sub - TOTAL by company and give a TOTAL in columns (e),(f),(g) and (h) (a) Investment in Securities - List and describe each security owned. For bonds give also principal amount, date of issue, maturity and interest rate. (b) Investment Advances - Report separately the amounts of loans or investment advances which are subject to repayment, but which are not subject to current settlement. With respect to each advance show whether the advance is a note or open account. List each note giving date of issuance, maturity date, and specifying whether note is a renewal. 3. Report separately the equity in undistributed subsidiary earnings since acquisition. The TOTAL in column (e) should equal the amount entered for Account 418.1. | | | | | | | nterest rate. re not subject to suance, maturity |
| Line | Description of Inve | stment | | - 15 | Nata A anusina d | Date Of | I Amount | of Investment at |
| No. | (a) | Surion | | ا | ate Acquired (b) | Maturity (c) | Begir | nning of Year (d) |
| 1 | The Eastover Companies | | | | 6/30/1970 | | | |
| 2 | Common Stock + Investment in Sub Equity | | | | | | | 8,282,949 |
| 3 | Undistributed Earnings | | | | | | | -3,501,568 |
| 4 | Advances (open accounts) | | | | | | | |
| 5 | Subtotal The Eastover Companies | | | | | | | 4,781,381 |
| 6 | | | | | | | | |
| 7 | Claiborne Energy Services, Inc. | | | | 3/01/1990 | | | |
| 8 | Common Stock + Investment in Sub Equity | | | | | | | 3,917,479 |
| 9 | Undistributed Earnings | | | | | | | 2,334,371 |
| 10 | Advances (open accounts) | | | | | | | |
| 11 | Subtotal Claiborne Energy Services, Inc. | | | | | | | 6,251,850 |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
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| 15 | | | | | | | | |
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| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |
| 41 | | | | | | | | |
| 42 | Total Cost of Account 123.1 \$ | | 0 | | | TOTA | L | 11,033,231 |

| Name of Respondent | | | Report Is | | Date of Re | port | Year/Period of Re | port |
|--|---|-----------|------------|---|--------------------------|----------------|---|-------------|
| Duke Energy Carolinas, LLC | | (1) | An O | submission | (Mo, Da, Y 04/13/2017 | | End of2016 | /Q4 |
| | INVESTMENTS IN SUBSIDIARY COMPANIES (Account 123.1) (Continued) | | | | | | | |
| 4. For any securities, notes, or accand purpose of the pledge. 5. If Commission approval was recode of authorization, and case or commission approval. | quired for any advand | ce mad | le or secu | rity acquired, designat | e such fact in a | footnote an | d give name of Commi | _ |
| 6. Report column (f) interest and d | | | | | | | | |
| 7. In column (h) report for each inv | | | | | | | | |
| the other amount at which carried i | n the books of accou | ınt it di | fference f | rom cost) and the sellir | ng price thereof | , not includii | ng interest adjustment i | includible |
| in column (f). | ha TOTAL aget of As | oount. | 100 1 | | | | | |
| 8. Report on Line 42, column (a) the | | | | | | <u> </u> | | |
| Equity in Subsidiary Earnings of Year (e) | Revenues for (f) | or Year | • | Amount of Investr End of Year (g) | | | oss from Investment Disposed of (h) | Line No. |
| | | | | | | | | 1 |
| | | | | | 8,282,949 | | | 2 |
| -687 | | | | | -3,502,255 | | | 3 |
| | | | | | | | | 4 |
| -687 | | | | | 4,780,694 | | | 5 |
| | | | | | | | | 6 |
| | | | | | | | | 7 |
| | | | | | 3,917,479 | | | 8 |
| 288,834 | | | | | 2,623,205 | | | 9 |
| | | | | | 7, | | | 10 |
| 288,834 | | | | | 6,540,684 | | | 11 |
| | | | | | 2,2 10,22 1 | | | 12 |
| | | | | | | | | 13 |
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| | | | | | | | | |
| | | | | | | | | |
| 288,147 | | | | | 11,321,378 | | | 12 |

| | | | Report Is: | Date of Report (Mo, Da, Yr) | | Year/Period of Report | | | | | | |
|------------------------------------|--|-------------------------------|-------------------------------------|--------------------------------|---------------|------------------------------------|--|--|--|--|--|--|
| Duke Energy Carolinas, LLC (1) (2) | | X An Original A Resubmission | 04/13/2017 | E | End of2016/Q4 | | | | | | | |
| | MATERIALS AND SUPPLIES | | | | | | | | | | | |
| 1. Fc | 1. For Account 154, report the amount of plant materials and operating supplies under the primary functional classifications as indicated in column (a); | | | | | | | | | | | |
| | estimates of amounts by function are acceptable. In column (d), designate the department or departments which use the class of material. | | | | | | | | | | | |
| | ve an explanation of important inventory adjustment | | • • • | • • | | | | | | | | |
| | us accounts (operating expenses, clearing accounts, | plar | t, etc.) affected debited or credit | ted. Show separately debit | or cr | redits to stores expense | | | | | | |
| | ng, if applicable. | | | T 5. | | | | | | | | |
| Line No. | Account | | Balance Beginning of Year | Balance End of Year | | Department or Departments which | | | | | | |
| 110. | (a) | | (b) | (c) | | Use Material (d) | | | | | | |
| 1 | Fuel Stock (Account 151) | | 491,480,433 | 290,783, | 909 | Electric | | | | | | |
| 2 | Fuel Stock Expenses Undistributed (Account 152) | | | | | | | | | | | |
| 3 | Residuals and Extracted Products (Account 153) | | | | | | | | | | | |
| 4 | Plant Materials and Operating Supplies (Account 19 | 54) | | | | | | | | | | |
| 5 | Assigned to - Construction (Estimated) | | | | | | | | | | | |
| 6 | Assigned to - Operations and Maintenance | | | | | | | | | | | |
| 7 | Production Plant (Estimated) | | 622,148,816 | 597,521, | 349 | Electric | | | | | | |
| 8 | Transmission Plant (Estimated) | | 69,067,576 | 51,456, | 333 | Electric | | | | | | |
| 9 | Distribution Plant (Estimated) | | 51,676,663 | 70,924, | 830 | Electric | | | | | | |
| 10 | Regional Transmission and Market Operation Plant (Estimated) | t | | | | | | | | | | |
| 11 | Assigned to - Other (provide details in footnote) | | | | | | | | | | | |
| 12 | TOTAL Account 154 (Enter Total of lines 5 thru 11) | | 742,893,055 | 719,902, | 512 | | | | | | | |
| 13 | Merchandise (Account 155) | | | | | | | | | | | |
| 14 | Other Materials and Supplies (Account 156) | | | 56, | 950 | | | | | | | |
| 15 | Nuclear Materials Held for Sale (Account 157) (Not applic to Gas Util) | | | | | | | | | | | |
| 16 | Stores Expense Undistributed (Account 163) | | 41,166,985 | 43,768, | 488 | | | | | | | |
| 17 | , | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | TOTAL Materials and Supplies (Per Balance Sheet | :) | 1,275,540,473 | 1,054,511, | 859 | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

| lame | e of Respondent | This Report Is: | Date of Rej | port Ye | ear/Period of Report |
|----------|--|---|---------------------------|--------------------|----------------------|
| Duke | Energy Carolinas, LLC | (1) ဩAn Original (2) ☐A Resubmission | (Mo, Da, Yi 04/13/2017 | · – | nd of 2016/Q4 |
| | | ` ' 🗀 | | | |
| | | Allowances (Accounts 158.1 | and 158.2) | | |
| . R | eport below the particulars (details) called for | concerning allowances. | | | |
| . R | eport all acquisitions of allowances at cost. | | | | |
| . R | eport allowances in accordance with a weigh | ted average cost allocation n | nethod and other ac | counting as pres | cribed by General |
| nstru | uction No. 21 in the Uniform System of Accou | ınts. | | | |
| . R | eport the allowances transactions by the peri | od they are first eligible for us | se: the current year | r's allowances in | columns (b)-(c), |
| llow | ances for the three succeeding years in colu | mns (d)-(i), starting with the f | ollowing year, and a | allowances for the | e remaining |
| ucc | eeding years in columns (j)-(k). | | | | |
| . R | eport on line 4 the Environmental Protection | Agency (EPA) issued allowar | nces. Report withhe | eld portions Lines | s 36-40. |
| ine | SO2 Allowances Inventory | Current Yea | ır | | 2017 |
| No. | (Account 158.1) | No. | Amt. | No. | Amt. |
| | (a) | (b) | (c) | (d) | (e) |
| 1 | Balance-Beginning of Year | 866,595.00 | 441,392 | 127,566. | 00 |
| 2 | | | | | |
| 3 | Acquired During Year: | | | | |
| 4 | Issued (Less Withheld Allow) | 6,289.00 | | 34,130. | 00 |
| 5 | Returned by EPA | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | Purchases/Transfers: | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |
| 15 | Total | | | | |
| 16 | | | | | |
| 17 | Relinquished During Year: | | | | |
| 18 | Charges to Account 509 | 20,789.00 | 6,372 | | |
| 19 | Other: | 25,7 55.55 | 0,012 | | |
| 20 | Settlement surrenders | 2,381.00 | | 2,004. | 001 |
| 21 | Cost of Sales/Transfers: | 2,001.00 | | 2,001. | |
| 22 | Sale Koch Supply & Tradin | 500.00 | | | |
| 23 | Calc Noon Cappiy a Tradin | 300.00 | | | |
| 24 | | | | | |
| 25 | | | | | |
| 26 | | | | | |
| 27 | | | | | |
| | Total | 500.00 | | | |
| 28 29 | Total Balance-End of Year | 500.00 849,214.00 | 425.000 | 159.692. | 00 |
| | Dalatice-Ettu Ot 1 edi | 043,214.00 | 435,020 | 159,092. | υ υ |
| 30 | Calaci | | | | |
| 31 | Sales: | | | | |
| 32 | Net Sales Proceeds(Assoc. Co.) | | 0.500 | | |
| 33 | Net Sales Proceeds (Other) | | 2,500 | | |
| 34 | Gains | | 2,500 | | |
| 35 | Losses | | | | |
| | Allowances Withheld (Acct 158.2) | 4 (00 00) | | | 001 |
| | Balance-Beginning of Year | 4,130.00 | | 4,130. | UU |
| 37 | Add: Withheld by EPA | | | | |
| 38 | Deduct: Returned by EPA | | | | |
| 39 | Cost of Sales | 4,130.00 | | | |
| 40 | Balance-End of Year | | | 4,130. | 00 |
| 41 | | | | | |
| 42 | Sales: | | | | |
| 43 | Net Sales Proceeds (Assoc. Co.) | | | | |
| 44 | Net Sales Proceeds (Other) | | 130 | | |
| 45 | Gains | | 130 | | |
| 46 | Losses | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | lent | | This Report Is: (1) X An Ori | ninal | Date of Report (Mo, Da, Yr) | Year | r/Period of Report | |
|--|---|--|--|---|--|----------------------------|-----------------------|--|
| Duke Energy Car | olinas, LLC | | | giriai ubmission | 04/13/2017 | End | of 2016/Q4 | |
| | | Allow | | 158.1 and 158.2) (0 | Continued) | | | |
| 43-46 the net sa 7. Report on Lir company" under | lles proceeds and nes 8-14 the nam "Definitions" in t | returned by the d gains/losses re nes of vendors/tr the Uniform Sys | EPA. Report of esulting from the ansferors of allowers and the second sec | n Line 39 the EPA's EPA's sale or audiwances acquire ar). | 's sales of the withhee ction of the withheld a and identify associated cosed of an identify as | allowances. d companies | (See "associated | |
| 9. Report the ne | et costs and bene | efits of hedging t | ransactions on a | a separate line und | der purchases/transferom allowance sales. | ers and sales | | |
| 20 | 18 | 2 | 2019 | Future Ye | ears | Tota | als | Line |
| No. (f) | Amt. | No. | Amt. | No. | Amt. | No. | Amt. | No. |
| 140,867.00 | (g) | (h) 140,406.00 | (i) | (j) 3,699,936.00 | (k) | (I) 4,975,370.00 | (m) 441,392 | 1 |
| | | | | | | | | 2 |
| 24 420 00 | | | | 440 425 00 | | 044 004 001 | | 3 |
| 34,130.00 | | | | 140,135.00 | | 214,684.00 | | 5 |
| | | | | | | | | 6 |
| | | | | | | | | 7 |
| | | | | | | | | 8 |
| | | | | | | | | 10 |
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| | | | | | | | | 15 |
| | | | | ! | | | | 16 |
| | | | | 1 | | 20.700.001 | 0.070 | 17 |
| | | | | | | 20,789.00 | 6,372 | 18 19 |
| 2,867.00 | | 2,867.00 | | 114,680.00 | | 124,799.00 | | 20 |
| | | | | | | | | 21 |
| | | | | | | 500.00 | | 22 |
| | | | | | | | | 201 |
| | | | | | | | | 24 |
| | | | | | | | | 24 25 |
| | | | | | | | | 25 26 |
| | | | | | | 500 00 | | 25 26 27 |
| 172,130.00 | | 137,539.00 | | 3,725,391.00 | | 500.00 5,043,966.00 | 435,020 | 25 26 |
| 172,130.00 | | 137,539.00 | | 3,725,391.00 | | | 435,020 | 25 26 27 28 29 30 |
| 172,130.00 | | 137,539.00 | | 3,725,391.00 | | | 435,020 | 25 26 27 28 29 30 31 |
| 172,130.00 | | 137,539.00 | | 3,725,391.00 | | | 435,020 2,500 | 25 26 27 28 29 30 |
| 172,130.00 | | 137,539.00 | | 3,725,391.00 | | | | 25 26 27 28 29 30 31 32 33 34 |
| 172,130.00 | | 137,539.00 | | 3,725,391.00 | | | 2,500 | 25 26 27 28 29 30 31 32 33 |
| | | | | | | 5,043,966.00 | 2,500 | 25 26 27 28 29 30 31 32 33 34 35 |
| 4,130.00 | | 4,130.00 | | 3,725,391.00 | | | 2,500 | 25 26 27 28 29 30 31 32 33 34 |
| | | | | | | 128,030.00 | 2,500 | 25 26 27 28 29 30 31 32 33 34 35 36 37 |
| 4,130.00 | | 4,130.00 | | 111,510.00 | | 128,030.00 | 2,500 | 25 26 27 28 29 30 31 32 33 34 35 36 37 38 |
| | | | | | | 128,030.00 | 2,500 | 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 |
| 4,130.00 | | 4,130.00 | | 111,510.00 | | 128,030.00 | 2,500 | 25 26 27 28 29 30 31 32 33 34 35 36 37 38 |
| 4,130.00 | | 4,130.00 | | 111,510.00 | | 128,030.00 | 2,500 2,500 | 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 |
| 4,130.00 | | 4,130.00 | | 111,510.00 | 41 | 128,030.00 | 2,500 2,500 171 | 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 |
| 4,130.00 | | 4,130.00 | | 111,510.00 | 41 41 | 128,030.00 | 2,500 2,500 | 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 |
| 4,130.00 | | 4,130.00 | | 111,510.00 | | 128,030.00 | 2,500 2,500 171 | 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 |
| 4,130.00 | | 4,130.00 | | 111,510.00 | | 128,030.00 | 2,500 2,500 171 | 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 228 Line No.: 1 Column: b

Beginning balance includes allowances for Cross State Air Polution and the Acid Rain Program.

Schedule Page: 228 Line No.: 18 Column: c

Does not include the \$13,523,564 for renewable energy credits consumption expense represented in account 0509213.

Schedule Page: 228 Line No.: 20 Column: I

As part of a settlement agreement between Duke Energy and the Intervenors, ARP allowances allocated to specific units were surrendered for 2016 and forward.

Schedule Page: 228 Line No.: 22 Column: b

CounterpartyQuantityCost of Goods SoldNet ProceedsKoch Supply and Trading Co5000\$2,500

Schedule Page: 228 Line No.: 29 Column: b

Ending balance includes allowances for Cross State Air Polution and the Acid Rain Program.

Schedule Page: 228 Line No.: 29 Column: m

Does not include \$36,076,966 for renewable energy credits represented in account 0158120.

Schedule Page: 228 Line No.: 39 Column: b

Represents allowances withheld in 2016 sold at auction.

| lame | e of Respondent | This Report Is: | Date of | Date of Report Year/Period of Report (Mo, Da, Yr) | | | |
|----------|---|---|-----------------------|---|-------------------------|--|--|
| Duke | Energy Carolinas, LLC | (1) ⊠An Original (2) □A Resubmission | 04/13/20 | , | End of 2016/Q4 | | |
| | | ` · <u> </u> | | 517 | | | |
| | | Allowances (Accounts 15 | 58.1 and 158.2) | | | | |
| | eport below the particulars (details) called for | concerning allowances. | | | | | |
| | eport all acquisitions of allowances at cost. | | | | | | |
| . R | eport allowances in accordance with a weigh | ted average cost allocation | n method and other | accounting a | s prescribed by General | | |
| nstru | uction No. 21 in the Uniform System of Accou | ınts. | | | | | |
| . R | eport the allowances transactions by the peri | od they are first eligible fo | r use: the current y | ear's allowan | ces in columns (b)-(c), | | |
| | ances for the three succeeding years in colu | mns (d)-(i), starting with th | ne following year, an | id allowances | for the remaining | | |
| | eeding years in columns (j)-(k). | | | | | | |
| . R | eport on line 4 the Environmental Protection | Agency (EPA) issued allow | wances. Report with | hheld portions | s Lines 36-40. | | |
| ine | NOx Allowances Inventory | Current \ | Year | | 2017 | | |
| No. | (Account 158.1) | No. | Amt. | No. | Amt. | | |
| 1 | (a) | (b) | (C) | (d) | (e) | | |
| 1 | Balance-Beginning of Year | 43,985.00 | 40,811 | | | | |
| 2 | Acquired During Veer | | | | | | |
| | Acquired During Year: | 4.570.00 | | | 22 202 00 | | |
| 4 | Issued (Less Withheld Allow) | 1,579.00 | | | 22,383.00 | | |
| 5 | Returned by EPA | | | | | | |
| 6 | | | | | | | |
| 7 | Durchagos/Transfers: | | | | | | |
| 8 | Purchases/Transfers: | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | Tatal | | | | | | |
| 15 | Total | | | | | | |
| 16 | Delinguished During Voor | | | | | | |
| 17 | Relinquished During Year: | 20 507 00 | 24.022 | | | | |
| 18 | Charges to Account 509 | 28,597.00 | 31,032 | | | | |
| 19 | Other: | | | ı | | | |
| 20 21 | Cost of Sales/Transfers: | | | | | | |
| 22 | Sale to Associated Elec | 4,650.00 | | | | | |
| 23 | Sale to Associated Elec | 4,050.00 | | | | | |
| 24 | | | | | | | |
| 25 | | | | | | | |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | Total | 4.650.00 | | | | | |
| 29 | Balance-End of Year | 12.317.00 | 9,779 | | 22,383.00 | | |
| 30 | Data 100-Little Of 1 Call | 12,317.00 | 9,779 | | 22,000.00 | | |
| 31 | Sales: | | | | | | |
| 32 | Net Sales Proceeds(Assoc. Co.) | | | | | | |
| 33 | Net Sales Proceeds (Assoc. Co.) Net Sales Proceeds (Other) | | 126,500 | | | | |
| 34 | Gains | | 126,500 | | | | |
| | Losses | | 120,500 | | | | |
| 55 | Allowances Withheld (Acct 158.2) | | | | | | |
| 36 | Balance-Beginning of Year | | | | | | |
| | Add: Withheld by EPA | | | | | | |
| | Deduct: Returned by EPA | | | | | | |
| 39 | Cost of Sales | | | | | | |
| 40 | Balance-End of Year | | | | | | |
| 41 | Salarios Eria or roai | | | | | | |
| 42 | Sales: | | | | | | |
| 43 | Net Sales Proceeds (Assoc. Co.) | | | | | | |
| 44 | Net Sales Proceeds (Assoc. Co.) Net Sales Proceeds (Other) | | | | | | |
| 45 | Gains | | | | | | |
| 46 | Losses | | | | | | |
| 70 | 200003 | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Name of Respond | dent | | This Report Is: (1) X An Ori | ginal | Date of Report (Mo, Da, Yr) | Year/Perio | d of Report | | |
|---|---|---|---|--|--|---|---------------|----------|--|
| Duke Energy Carolinas, LLC | | | | ubmission | 04/13/2017 | End of _ | End of2016/Q4 | | |
| | | Allow | vances (Accounts | 158.1 and 158.2) (0 | Continued) | 1 | | | |
| 43-46 the net sa 7. Report on Lii company" unde 8. Report on Lii 9. Report the no | ales proceeds an nes 8-14 the nam r "Definitions" in nes 22 - 27 the n et costs and ben | returned by the d gains/losses renes of vendors/tree Uniform Sys ame of purchase efits of hedging | EPA. Report of esulting from the ransferors of allo tem of Accounts ers/ transferees of transactions on a | n Line 39 the EPA's EPA's sale or aucowances acquire ar). of allowances disposa separate line und | s sales of the withheld a tion of the withheld allow nd identify associated col- osed of an identify associ ler purchases/transfers a om allowance sales. | vances. mpanies (See ciated compani | "associated | | |
| 20 |)18 | | 2019 | Future Ye | ears | Totals | | Line | |
| No. | Amt. | No. | Amt. | No. | Amt. N | 0. | Amt. | No. | |
| (f) | (g) | (h) | (i) | (j) | (k) (I | 43,985.00 | (m) 40,811 | 1 | |
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| 22,383.00 | | | | | | 46,345.00 | | 5 | |
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| | | | | | | 20,597.00 | 31,032 | 18 19 | |
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| | | | | | | 4,650.00 | | 22 | |
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| | | | | | | 4,650.00 | | 28 | |
| 22,383.00 | | | | | | 57,083.00 | 9,779 | 29 | |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|----------------------------|----------------------|----------------|-----------------------|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | · | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| FOOTNOTE DATA | | | | | | | |

| Schedule Page: 229 Line No.: 22 Column: b | | | |
|---|----------|--------------------|--------------|
| Counterparty | Quantity | Cost of Goods Sold | Net Proceeds |
| Associated Electric Cooperative, Inc | 4,650 | 0 | \$126,500 |
| Schedule Page: 229 Line No.: 29 Column: m | | | |

Does not include the \$36,076,966 for renewable energy credits represented in account 0158120.

| Name of Respondent Duke Energy Carolinas, LLC | | This Report Is: (1) X An Original | | Date of Report (Mo, Da, Yr) | | Year/Period of Report End of 2016/Q4 | |
|--|---|-----------------------------------|--|--------------------------------|----------|---|-------------|
| Duke | E LIIGIGY CAICIIIIAS, LLC | (2) A Resubr | 04/13/2017 | | LIIG OI | | |
| | | EXTRAORDINARY | PROPERTY LOSS | SES (Account 18 | 2.1) | | |
| Line No. | Description of Extraordinary Loss [Include in the description the date of Commission Authorization to use Acc 182.1 and period of amortization (mo, yr to mo, yr).] | Total Amount | Total Losses WRITTEN OFF DURING YEAR Amount of Loss During Year Account Charged Amount | | ING YEAR | Balance at | |
| | and period of amortization (mo, yr to mo, yr).] | of Loss | | Account Charged | | ount | End of Year |
| | (a) | (b) | (c) | (d) | (| e) | (f) |
| | Not Applicable | | | | | | |
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| 20 | TOTAL | | | | | | |
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| Name | e of Respondent | This Report Is: (1) X An Origin | nal | Date of Rep (Mo, Da, Yr) | eriod of Report | | | |
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| Duke Energy Carolinas, LLC | | (2) A Resubmission | | 04/13/2017 | End of | End of2016/Q4 | | |
| | UNR | RECOVERED PLANT | AND REGULATO | RY STUDY COS | TS (182.2) | | | |
| Line | Description of Unrecovered Plant | Total | Costs | WRITTEN | OFF DURING YEAR | Balance at | | |
| No. | Description of Unrecovered Plant and Regulatory Study Costs [Include in the description of costs, the date of Commission Authorization to use Acc 182.2 and period of amortization (mo, yr to mo, yr)] | Total Costs Amount Recognised of Charges During Year | | Account Charged | | | | |
| | | (b) | (c) | (d) | (e) | (f) | | |
| | Not Applicable | | | | | | | |
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| 49 | TOTAL | | | | | | | |
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| Name | e of Respondent | | Report Is: X An Original | | Date of Report Year/Period of Report (Mo, Da, Yr) | | | eriod of Report | | |
|----------------------------|---|----------|--------------------------|---------|---|-------------------------|----------------|--------------------|--|--|
| Duke Energy Carolinas, LLC | | (2) | · · L | | 04/13/2017 | | End of 2016/Q4 | | | |
| | Transmis | ` ' | ervice and Generation | | | | | | | |
| 1 Rei | | | | | | | tranemi | ssion service and | | |
| | Report the particulars (details) called for concerning the costs incurred and the reimbursements received for performing transmission service and enerator interconnection studies. | | | | | | | | | |
| 2. List | . List each study separately. | | | | | | | | | |
| | . In column (a) provide the name of the study. | | | | | | | | | |
| | column (b) report the cost incurred to perform the s | | | | | | | | | |
| | In column (c) report the account charged with the cost of the study. In column (d) report the amounts received for reimbursement of the study costs at end of period. | | | | | | | | | |
| | column (e) report the account credited with the rein | | | | | | | | | |
| Line | ., . | | sts Incurred During | | • | Reimburser | | Account Credited | | |
| No. | Description | | Period | Account | Charged | Received D the Perio | | With Reimbursement | | |
| | (a) | | (b) | (| c) | (d) | | (e) | | |
| 1 | Transmission Studies | | | | | | | | | |
| 2 | NCEMC Frame Relay Upgrade | | 5,831 | 0561600 | | | | | | |
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| 21 | Generation Studies | | | | | | | | | |
| 22 | State Studies | | | 0561700 | | | | | | |
| | Interconn of CHP at Duke Unv - SIS | | | 0561700 | | | | | | |
| 24 | NTE Feasibility Study - Reidsville | | 2,601 | 0561700 | | | | | | |
| | NTE Facility Study | | | 0561700 | | | | | | |
| 26 | Interconn of CHPat Duke Unv FAC | | 9,271 | 0561700 | | | | | | |
| 27 | BTM Union McBride Solar - FAC | | 452 | 0561700 | | (| 7,467) | | | |
| 28 | Birdseye Angus Holdings Feas | | 837 | 0561700 | | | | | | |
| 29 | Hereford - Solar Feasbility | | 335 | 0561700 | | | | | | |
| 30 | Simmental Holdings, LLC - SIS | | 139 | 0561700 | | | | | | |
| 31 | Core Solar XV - FEAS | | | 0561700 | | | | | | |
| 32 | Reidsville, Rockhingham Study SIS | | | 0561700 | | | | | | |
| | Angus B&W Site Study - SIS | + | 477 | | | | | | | |
| | Hereford Site Study - SIS | | | 0561700 | | | | | | |
| 35 | • • • • • | - | .,, | 0561700 | | | | | | |
| 36 | | \dashv | | 0561700 | | | | | | |
| 37 | | + | | 0561700 | | | | | | |
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| | e of Respondent Energy Carolinas, LLC Transmis | This Report Is: (1) X An Original (2) A Resubmission Service and Generation | | 017 | Year/Period of Report End of 2016/Q4 |
|-------------|--|---|---------------------|--|---|
| | | | | , 2000 (00 | |
| Line No. | Description (a) | Costs Incurred During Period (b) | Account Charged (c) | Reimburser Received D the Perio (d) | ments During od Account Credited With Reimbursement (e) |
| 1 | Transmission Studies | | | | |
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| 21 | Generation Studies | | 1 | | |
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| Name of Respondent Duke Energy Carolinas, LLC | | This Report Is: (1) X An Original (2) A Resubmission | on | Date of Report (Mo, Da, Yr) 04/13/2017 | Year/Per End of | Year/Period of Report End of2016/Q4 | |
|--|--|--|-------------------|--|--------------------|-------------------------------------|--|
| | 0 | THER REGULATORY AS | | | | | |
| 2. Mi | eport below the particulars (details) called for nor items (5% of the Balance in Account 182 ped by classes. | concerning other regul | latory assets, in | cluding rate order | | | |
| | r Regulatory Assets being amortized, show p | period of amortization. | | | | | |
| Line | Description and Purpose of | Balance at | Debits | CREI | | Balance at end of | |
| No. | Other Regulatory Assets | Beginning of | | Written off During | Written off During | Current Quarter/Year | |
| | • | Current | | the Quarter/Year | the Period | | |
| | (-) | Quarter/Year | (-) | Account Charged | Amount | (5) | |
| | (a) | (b) | (C) | (d) 2 283/282 | (e) | (f) 871,261,236 | |
| 1 | Regulatory Asset Related to Income Taxes (Various) | 875,908,782 | 63,666,24 | 2 283/282 | 68,313,788 | 871,201,230 | |
| 2 | | | | | | | |
| 3 | Asset Retirement Obligation FAS 143 | | | | | | |
| 4 | PSC Docket No. 2003-84-E Order No. 2003-283 | | | | | | |
| 5 | NCUC Docket No. E-7 Sub 723 | 103,816,147 | 129,015,93 | 8 Various | 223,581,782 | 9,250,303 | |
| 6 | | | | | | | |
| 7 | Vacation Accrual | | | | | | |
| 8 | NCUC Docket No. E-7, Sub 774 | 78,929,396 | | 242 | 2,900,151 | 76,029,245 | |
| 9 | | | | | | | |
| 10 | Extraordinary Repairs - Thorpe Rewind | | | | | | |
| 11 | Amortized over 25 years | | | | | | |
| 12 | NCUC Docket No. E-13, Sub 166 | 76,992 | 750,00 | 545 | 241,209 | 585,783 | |
| \vdash | 1000 Docket No. E-13, Sub 100 | 10,332 | 730,00 | 0 343 | 241,209 | 303,703 | |
| 13 | During the IDO Onto ADAM AND THE | | | 400 | | 4 000 054 | |
| 14 | Retail portion - IRS Section 124 Asset Depreciation | 2,002,929 | | 403 | 75,978 | 1,926,951 | |
| 15 | | | | | | | |
| 16 | Energy Efficiency Cost Recovery - NC | | | | | | |
| 17 | NCUC Dockets No. E-7 Sub 1050 | 49,955,965 | 57,561,88 | 7 456 | 27,009,559 | 80,508,293 | |
| 18 | | | | | | | |
| 19 | Renewable Energy and Energy Portfolio | | | | | | |
| 20 | Standard Cost Deferral | | | | | | |
| 21 | NCUC Docket No. E-7, Sub 1052 | 2,408,311 | 7,797,92 | 6 Various | 5,724,226 | 4,482,011 | |
| 22 | , | | , , | | | , , | |
| 23 | Cliffside Deferral 5 Year Amortization | | | | | | |
| 24 | NCUC Docket No. E-7 Sub 1026 | | | | | | |
| \vdash | | 054.270 | 05 700 05 | 0 407 | 00 000 400 | E7 60A | |
| 25 | PSC Docket No. 2013-59-E | 951,372 | 25,799,35 | 2 407 | 26,693,100 | 57,624 | |
| 26 | | | | | | | |
| 27 | Pension Non-Qualified | | | | | | |
| 28 | NCUC Docket No. E-100, Sub 112 | 6,503,575 | | Various | 1,364,381 | 5,139,194 | |
| 29 | | | | | | | |
| 30 | Pension Qualified | | | | | | |
| 31 | NCUC Docket No. E-100, Sub 112 | 472,240,091 | 28,863,05 | 8 Various | 24,703,212 | 476,399,937 | |
| 32 | | | | | | | |
| 33 | Gridsouth Investment - Wholesale | | | | | | |
| 34 | Amortized over 7 years | | | | | | |
| 35 | Settlement Agreement | 4,127,722 | 142,33 | 6 407 | 4,270,058 | | |
| 36 | | 1,121,122 | 112,00 | 1 | .,270,000 | | |
| | Interest Rate Swap | | | + | | | |
| 37 | · · · · · · · · · · · · · · · · · · · | | | + | | | |
| 38 | NCUC Docket E-7 Sub 1026 | | | 0 424 | *** | 00 000 001 | |
| 39 | PSC Docket 2013-59-E | 85,980,130 | 237,568,14 | 9 431 | 230,249,915 | 93,298,364 | |
| 40 | | | | | | | |
| 41 | Deferred VOP Expenses | | | 1 | | | |
| 42 | NCUC Docket E-7 Sub 989 - 5 Year Amortization | | | | | | |
| 43 | PSC Order 2012-77 - 3 Year Amortization | 13,343,417 | | 407 | 12,317,001 | 1,026,416 | |
| | | | | Τ | | | |
| | T0T41 | | | | | | |
| 44 | TOTAL | 2,949,198,173 | 1,636,757,815 | | 1,566,298,951 | 3,019,657,037 | |

| | e of Respondent e Energy Carolinas, LLC | | | | Date of Report (Mo, Da, Yr) 04/13/2017 | Year/Per End of | Year/Period of Report End of 2016/Q4 | | |
|---------------|---|---------------------------------|-----------------------------|-------------------|--|----------------------------------|--------------------------------------|--|--|
| 0 | | | ER REGULATORY ASSETS (Accou | | | | | | |
| 2. Mi grou | eport below the particulars (details) called for nor items (5% of the Balance in Account 182 ped by classes. r Regulatory Assets being amortized, show p | concerning ot 3 at end of pe | her regul eriod, or a | atory assets, inc | cluding rate orde | | | | |
| Line | Description and Purpose of | Balar | nce at | Debits | CRE | DITS | Balance at end of | | |
| No. | Other Regulatory Assets | Beginn | ning of | Debits | Written off During the Quarter/Year | Written off During the Period | Current Quarter/Year | | |
| | • | Quarte | | | Account Charged | Amount | | | |
| | (a) | (k | | (c) | (d) | (e) | (f) | | |
| 1 | | | | | | | | | |
| 2 | Natural Gas Hedging - MTM | | | | | | | | |
| 3 | NCUC Docket E-2 Sub 939 | | | | | | | | |
| 4 | NCUC Docket E-2 Sub 1049 | | | | | | | | |
| 5 | NCUC Docket E-7 Sub 862 | | | | | | | | |
| 6 | NCUC Docket E-7 Sub 1006 | | | | | | | | |
| 7 | PSC Docket 2015-95-E | | 41,499,204 | 221,081,390 | 245 | 262,558,494 | 22,100 | | |
| 8 | | | | | | | · | | |
| 9 | Pension Deferred Costs | | | | | | | | |
| 10 | NCUC Docket E-7 Sub 989 - 5 Year Amortization | | | | | | | | |
| 11 | PSC Order 2012-77 - 3 Year Amortization | | 3,021,415 | | 407 | 2,789,001 | 232,414 | | |
| 12 | | | 0,021,110 | | | 2,. 00,00 | | | |
| 13 | Buck and Bridgewater Deferred Costs | | | | | | | | |
| 14 | 25 Year Amortization | | | | | | | | |
| 15 | NCUC Docket E-7 Sub 999 | | | | | | | | |
| | PSC Docket 2012-57-E | | 40 447 404 | 5,874,000 | Various | 0.000.000 | 12.024.212 | | |
| 16 | PSC Docket 2012-37-E | | 16,147,121 | 5,874,000 | various | 8,989,908 | 13,031,213 | | |
| 17 | | | | | | | | | |
| 18 | Clemson Grant | | | | | | | | |
| 19 | 5 Year Amortization | | | | | | | | |
| 20 | PSC Docket 2012-37-E | | 825,000 | | 407/182 | 825,000 | | | |
| 21 | | | | | | | | | |
| 22 | Save-A-Watt Program Deferrals - SC | | | | | | | | |
| 23 | PSC Docket 2011-420-E | | 29,915,494 | 22,231,661 | 456 | 10,298,948 | 41,848,207 | | |
| 24 | | | | | | | | | |
| 25 | Dan River & Cliffside 6 Deferred Costs | | | | | | | | |
| 26 | Dan River - 39 Year Amortization - SC | | | | | | | | |
| 27 | Dan River - 4 year Amortization - NC | | | | | | | | |
| 28 | Cliffside 6 - 35 Year Amortization - SC | | | | | | | | |
| 29 | Cliffside 6 - 4 year Amortization - NC | | | | | | | | |
| 30 | PSC Docket 2013-99-E | | | | | | | | |
| 31 | NCUC Docket E-7 Sub 1029 | | 75,462,545 | 25,699,018 | Various | 48,756,755 | 52,404,808 | | |
| 32 | | | | | | | | | |
| 33 | McGuire and Oconee Deferred Costs | | | | | | | | |
| 34 | McGuire - 43 Year Amortization - SC | | | | | | | | |
| 35 | McGuire - 4 Year Amortization - NC | | | | | | | | |
| 36 | Oconee - 28 Year Amortization - SC | | | | | | | | |
| 37 | PSC Docket: 2013-99-E | | | | | | | | |
| 38 | NCUC Docket E-7 Sub 1029 | | 4,654,986 | 649,212 | Various | 1,033,980 | 4,270,218 | | |
| 39 | | | | | | | | | |
| 40 | Fukushima Cybersecurity Def- SC | | | | | | | | |
| 41 | 4 Year Amortization | | | | | | | | |
| 42 | PSC Order 2013-59-E | | 237,062 | 29.988 | Various | 143,892 | 123,158 | | |
| 43 | | | ,002 | | | 0,002 | 0,100 | | |
| -70 | | | | | | | | | |
| | | | | | | | | | |
| 44 | TOTAL | 2,94 | 19,198,173 | 1,636,757,815 | | 1,566,298,951 | 3,019,657,037 | | |

| Name of Respondent Duke Energy Carolinas, LLC | | (1) (2) | s Report Is: XAn Original A Resubmission | | Date of Report (Mo, Da, Yr) 04/13/2017 | Year/Per End of | Year/Period of Report End of 2016/Q4 | |
|--|--|------------|--|-----------------|---|---|---|--|
| | 0 | THER | REGULATORY AS | SETS (Account 1 | 82.3) | | | |
| 2. Mi grou | eport below the particulars (details) called for nor items (5% of the Balance in Account 182 ped by classes. or Regulatory Assets being amortized, show p | 2.3 at e | nd of period, or a | | | | | |
| Lina | Description and Dumass of | ı | Palanco at | Dahita | l CDE | DITE | Deleveredes | |
| Line No. | Description and Purpose of Other Regulatory Assets | | Balance at Beginning of Current Quarter/Year | Debits | Written off During the Quarter/Year Account Charged | DITS Written off During the Period Amount | Balance at end of Current Quarter/Year | |
| | (a) | | (b) | (c) | (d) | (e) | (f) | |
| 1 | Nuclear Levelization | | | | | | | |
| 2 | 18 -24 Months Amortization | | | | | | | |
| 3 | NCUC Docket E-7 Sub 1026 | | | | | | | |
| 4 | PSC Docket 2013-59-E | | 106,770,859 | 235,996,031 | Various | 251,179,125 | 91,587,765 | |
| 5 | | | | | | | | |
| 6 | Billing System Deferral | | | | | | | |
| 7 | NCUC Docket E-7 Sub 1026 | | 656,028 | | | | 656,028 | |
| 8 | | | | | | | | |
| 9 | Rate Case Costs | | | | | | | |
| 10 | NCUC Docket No. E-7 Sub 909 | | | | | | | |
| 11 | PSC Docket No. 2009-226-E | | | | | | | |
| 12 | NCUC Docket E-7 Sub 989 | | | | | | | |
| 13 | PSC Docket No. 2011-271-E, Order No. 2012-77 | | 3,603,171 | 8,333 | 928 | 488,077 | 3,123,427 | |
| 14 | | | | | | | | |
| 15 | Coal Ash Basin - ARO Deferral | | | | | | | |
| 16 | NC Coal Ash Management Act of 2014 | | | | | | | |
| 17 | Consent Agreement with SCDHEC | | 946,311,831 | 413,284,480 | Various | 287,255,784 | 1,072,340,527 | |
| 18 | | | | | | | | |
| 19 | Coal Ash Remediation Costs | | | | | | | |
| 20 | PSC Docket No. 2016-196-E | | | 122,341,611 | Various | 20,350,480 | 101,991,131 | |
| 21 | | | | | | | | |
| 22 | Unbilled Fuel | | | | | | | |
| 23 | NCUC Docket E-7 Sub 1033 | | | | | | | |
| 24 | PSCSC Docket 2014-3-E | | 20,877,892 | 18,903,558 | 254 | 39,781,450 | | |
| 25 | | | | | | | | |
| 26 | NCUC Regulatory Fee | | | | | | | |
| 27 | NCUC Docket M-100, Sub 142 | | 398,635 | 1,620,363 | 921/182 | 398,635 | 1,620,363 | |
| 28 | | | | | | | | |
| 29 | SC Distributed Energy Resource Program | | | | | | | |
| 30 | PSC Docket No. 2015-3-E | | 218,548 | 11,102,720 | Various | 868,307 | 10,452,961 | |
| 31 | | | | | | | | |
| 32 | Rotable Fleet Spare | | | | | | | |
| 33 | NCUC Docket E-2, Sub 998A | | | | | | | |
| 34 | NCUC Docket E-7, Sub 986A | | | | | | | |
| 35 | PSC Docket 2015-293-E | | 2,350,515 | 1,570,642 | 403 | 1,053,971 | 2,867,186 | |
| 36 | | | | | | | | |
| 37 | Advanced Metering Infrastructure | | | | | | | |
| 38 | PSC Docket No. 2016-240-E | | | 5,194,499 | 421 | 2,074,325 | 3,120,174 | |
| 39 | | | | | | | | |
| 40 | Other Deferred Costs | | 3,038 | 5,421 | Various | 8,459 | | |
| 41 | | | | | | | | |
| 42 | | | | | | | | |
| 43 | | | | | | | | |
| | | | | | <u> </u> | | | |
| 44 | TOTAL | | 0.040.400.470 | 1 000 757 045 | | 1 500 000 054 | 2 040 057 007 | |
| 44 | TOTAL | | 2,949,198,173 | 1,636,757,815 | | 1,566,298,951 | 3,019,657,037 | |

| | e of Respondent e Energy Carolinas, LLC | | rt Is: n Original Resubmission | Date ((Mo, I 04/13 | of Report Da, Yr) /2017 | Yea End | r/Period of Report of 2016/Q4 |
|----------|---|-----------------------|---|---------------------------|-------------------------------|---|----------------------------------|
| | | MISCELLANE | ELLANEOUS DEFFERED DEBITS (Account 186) | | | | |
| 2. Fo | eport below the particulars (details) or any deferred debit being amortize inor item (1% of the Balance at Endes. | called for concerning | g miscellaneous def mortization in colum | erred debits. n (a) | • | is less) | may be grouped by |
| Line | Description of Miscellaneous | Balance at | Debits | | CREDITS | 1 | Balance at |
| No. | Deferred Debits | Beginning of Year | | Account Charged | Amount | | End of Year |
| | (a) | (b) | (c) | (d) | (e) | | (f) |
| 1 | Demand Side Management | -3,765,369 | 977,942 | 456, 421 | 1,2 | 243,043 | -4,030,470 |
| 2 | Costs | | | | | | |
| 4 | Deferred Benefit Plan | 88,319 | | 253 | | 23,492 | 64,827 |
| 5 | Deletted Berleiit Platt | 00,319 | | 200 | | 23,492 | 04,027 |
| 6 | Renewables | -573,800 | 657,153 | Various | 8 | 362,958 | -779,605 |
| 7 | | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , |
| 8 | I & D Insurance Receivable | 599,493,422 | 20,271,497 | 131 | 32,7 | 48,363 | 587,016,556 |
| 9 | | | | | | | |
| 10 | Deferred Coal Ash Remediation | | | | | | |
| 11 | Costs | 173,166,952 | 323,846,198 | Various | 134,8 | 347,395 | 362,165,755 |
| 12 | Catawha Waterea Baliasasias | | | | | | |
| 13 14 | Catawba-Wateree Relicensing Future Liabilities | 15,987,619 | | 253 | 7.0 | 200 700 | 8,098,911 |
| 15 | i uture Liabilitles | 15,987,019 | | 200 | 7,8 | 388,708 | 0,098,911 |
| 16 | Environmental Mitigation | | | | | | |
| 17 | Project | 3,250,000 | | 925 | 3.2 | 250,000 | |
| 18 | | 5,250,550 | | | -,- | , | |
| 19 | Equity Return on BPM Sharing | | | | | | |
| 20 | Rec | 1,607,249 | 915,289 | 421 | 1,2 | 206,869 | 1,315,669 |
| 21 | | | | | | | |
| 22 | Pension/OPEB - Post Retirement | | 14,551 | 253 | 1 | 23,889 | -109,338 |
| 23 | | | | | | | |
| 24 | Bond Issue Expense | 9,447 | 14,172 | 181, 431 | | 23,619 | |
| 25 26 | Combustion Turbine Generator | | | | | | |
| 27 | Deferral | 19,248,000 | | | | | 19,248,000 |
| 28 | Delettal | 10,240,000 | | | | | 10,240,000 |
| 29 | Retired Plant Cost | 48,839,592 | | 403 | 9,7 | 767,220 | 39,072,372 |
| 30 | | | | | | | |
| 31 | Pooled Inventory | 4,534,508 | | | | | 4,534,508 |
| 32 | | | | | | | |
| 33 | Cost of Removal Retail Rate | | | | | | |
| 34 | Mitigation | 102,794,000 | | | | - | 102,794,000 |
| 35 36 | Miscellaneous | 13,577 | 54,665,921 | Various | 5.1.6 | 697,842 | -18,344 |
| 37 | moonanoodo | 10,077 | J-,00J,9Z1 | v an 1003 | 54,0 | ,,,, ,,, | -10,344 |
| 38 | | | | | | | |
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| 43 | | | | | | | |
| 44 45 | | | | | | | |
| 46 | <u> </u> | | | | | | |
| | | | | | | | |
| 47 | Misc. Work in Progress | 399,620 | | | | | 643,348 |
| 48 | Deferred Regulatory Comm. Expenses (See pages 350 - 351) | | 8,333 | 182 | | 8,333 | |
| 49 | TOTAL | 965,093,136 | | | | | 1,120,016,189 |
| 49 | TOTAL | 900,093,136 | | | | | 1,120,010,189 |
| | | | | | | | |

| ame of Respondent uke Energy Carolinas, LLC | | This Report Is: (1) X An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report End of 2016/Q4 |
|--|-------------------------|-----------------------------------|---------------------------------------|---|
| | ACCII. | (2) A Resubmission | 04/13/2017 | |
| Report the information called for | | rning the respondent's accounting | | |
| | | o other income and deductions. | ig for deferred income taxes. | |
| | | | | |
| D | : | U | Delegate of Decision | Dalama at Food |
| e Desc Desc | iption and Locat (a) | lion | Balance of Begining of Year (b) | Balance at End of Year (c) |
| 1 Electric | (4) | | (8) | (6) |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 7 Other | | | 2,466,057,0 | 096 2,430,375,077 |
| 8 TOTAL Electric (Enter Total of | ines 2 thru 7) | | 2,466,057,0 | |
| 9 Gas | | | | |
| 10 | | | | |
| 1 2 | | | | |
| 13 | | | | |
| 14 | | | | |
| 5 Other | | | | |
| 6 TOTAL Gas (Enter Total of line | s 10 thru 15 | | | |
| 7 Other (Specify) | - 0. 40 47\ | | 256,102,6 | |
| 8 TOTAL (Acct 190) (Total of line | s 8, 16 and 17) | Notes | 2,722,159,7 | 778 2,720,556,256 |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

| Schedule Page: 234 | Line No.: 17 | Column: a |
|--------------------|--------------|-----------|
|--------------------|--------------|-----------|

Primarily relates to deferred taxes on deferral of tax credits and tax credit grossups

| | | This Report Is: (1) X An Original | | 2 Vr) | |
|------------------------|--|---|--|---|---|
| Duke | | (2) A Resubmission | on 04/13/2 | | |
| | | , | , | · | |
| serie requi comp | s of any general class. Show separate totals rement outlined in column (a) is available fro pany title) may be reported in column (a) prov | s for common and prefe om the SEC 10-K Repo vided the fiscal years fo | erred stock. If informa rt Form filing, a specif or both the 10-K report | tion to meet the sto ic reference to report and this report are | ock exchange reporting ort form (i.e., year and compatible. |
| Line | Energy Jacobines, LLC CAPITAL STOCKS (Account 201 and 201) Leport below the particulars (details) scalled for concerning common and preferred stock at end of year, distinguishing separate so far year of common and preferred stock at end of year, distinguishing separate so for year of common and preferred stock at end of year, distinguishing separate so far year of common and preferred stock. If information to meet the stock exchange reportered to common and preferred stock at end of year, distinguishing separate properties of the common and preferred stock. If information to meet the stock exchange reportered to common and preferred stock and suffer separate to the stock exchange reportered stock. If information to meet the stock exchange reportered to certain the properties of the stock exchange reporter and to the stock exchange reporter and to the stock exchange reporter and to the stock exchange reporter and the stock exchange reporter an | | Call Price at | | |
| No. | | aria | | | End of Year |
| | (a) | | (b) | (c) | (d) |
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| Name of Respondent | | This Report Is: | | Date of Report | Year/Period of Repor | |
|---|--|--|-------------------|----------------------------|--------------------------------|--------|
| Duke Energy Carolinas | s, LLC | (1) X An Origina (2) A Resubm | ission | (Mo, Da, Yr) 04/13/2017 | End of2016/Q4 | ļ - |
| | | CAPITAL STOCKS (Ad | count 201 and 20 | 04) (Continued) | | |
| which have not yet be 4. The identification non-cumulative. 5. State in a footnote Give particulars (deta | details) concerning share een issued. of each class of preferred e if any capital stock which ails) in column (a) of any ame of pledgee and purpo | d stock should show the h has been nominally i nominally issued capita | e dividend rate a | and whether the dividen | ds are cumulative or of year. | |
| 1 | | | HELD | BY RESPONDENT | | Line |
| (Total amount outsta | PER BALANCE SHEET inding without reduction ld by respondent) | AS REACQUIRED S | | | IG AND OTHER FUNDS | No. |
| Shares | Amount | Shares | Cost | Shares | Amount | - |
| (e) | (f) | (g) | (h) | (i) | (j) | |
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| | e of Respondent | This Re | port is: [An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report End of 2016/Q4 |
|---|--|---|---|---|---|
| Duke | Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | Elia di |
| | ОТІ | HER PAII | D-IN CAPITAL (Accounts 208- | -211, inc.) | |
| subhe colum chang (a) Do (b) Re amou | In the low the balance at the end of the year and the cading for each account and show a total for the actions for any account if deemed necessary. Explain ge. In the low state of the low stat | ccount, as changes 3)-State account 20 tion with | s well as total of all accounts for made in any account during the amount and give brief explanations): State amount and give brithe class and series of stock to | or reconciliation with balar the year and give the acco tion of the origin and purp ief explanation of the capi by which related. | nce sheet, Page 112. Add more unting entries effecting such ose of each donation. tal change which gave rise to |
| d) M | ar with a designation of the nature of each credit ar scellaneous Paid-in Capital (Account 211)-Classif | y amount | s included in this account acco | | |
| ine No. | se the general nature of the transactions which ga | em | the reported amounts. | | Amount |
| 1 | (1 | a) | | | (D) |
| 2 | Account 208 | | | | |
| 3 | None | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | Account 200 | | | | |
| 7 8 | Account 209 None | | | | |
| 9 | None | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | Account 210 | | | | |
| 13 | None | | | | |
| 14 | | | | | |
| 15 | | | | | |
| 16 | A | | | | |
| 17 18 | Account 211 Balance January 1, 2016 | | | | 3,725,067,453 |
| 19 | Dalance Sandary 1, 2010 | | | | 3,723,007,433 |
| 20 | | | | | |
| 21 | | | | | |
| 22 | Equitization of Intercompany Receivables | | | | |
| 23 | | | | | |
| 24 | | | | | |
| 25 | Organização Otrado | | | | |
| 26 27 | Common Stock | | | | |
| 28 | | | | | |
| 29 | | | | | |
| 30 | Equity Infusion from Duke Energy Corporation | | | | |
| 31 | | | | | |
| 32 | | | | | |
| 33 | | | | | |
| 34 | Other Misc Paid-In Capital | | | | |
| 35 36 | | | | | |
| 37 | | | | | |
| 38 | | | | | |
| 39 | | | | | |
| | | | | | |
| | | | | | |
| 40 | TOTAL | | | | 3,725,067,453 |

| Name | of Respondent | This Report Is: | Date of Report | Year/Period of Report |
|-------|---|--------------------------------------|----------------------------|------------------------|
| Duke | Energy Carolinas, LLC | (1) X An Original (2) A Resubmission | (Mo, Da, Yr) 04/13/2017 | End of2016/Q4 |
| | | CAPITAL STOCK EXPENSE (Account | | |
| 4 D | | , | , | J. |
| | eport the balance at end of the year of disco | | | |
| | any change occurred during the year in the langle in the langle. State the reason for any | | | |
| (ueta | is) of the change. State the reason for any | charge-on or capital stock expense | and specify the account | t chargeu. |
| | | | | |
| Line | Class a | nd Series of Stock | | Balance at End of Year |
| No. | | (a) | | (b) |
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| 22 | TOTAL | | | |
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| | e of Respondent | This R | eport Is: X∏An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|---|---|--|--|---|--|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of2016/Q4 |
| | | | ERM DEBT (Account 221, 222, | , | |
| Read 2. In 3. Fo 4. Fo dema 5. Fo issue 6. In 7. In 8. Fo Indic 9. Fo issue | eport by balance sheet account the particular equired Bonds, 223, Advances from Associate column (a), for new issues, give Commission bonds assumed by the respondent, include or advances from Associated Companies, repand notes as such. Include in column (a) nare preceivers, certificates, show in column (a) and column (b) show the principal amount of bord column (c) show the expense, premium or do cr column (c) the total expenses should be listed the premium or discount with a notation, curnish in a footnote particulars (details) regars redeemed during the year. Also, give in a lifted by the Uniform System of Accounts. | ed Comn authore in college in col | apanies, and 224, Other Ion prization numbers and dates umn (a) the name of the issuantely advances on notes associated companies from the of the court -and date of other long-term debt originate with respect to the amount of the each issuance, then the s (P) or (D). The expenses, the treatment of unamortized | g-Term Debt. i. uing company as well as and advances on open a which advances were recourt order under which and some | s a description of the bonds. accounts. Designate eceived. such certificates were erm debt originally issued. a parentheses) or discount. ould not be netted. or discount associated with |
| | | | | | |
| Line No. | Class and Series of Obligat (For new issue, give commission Autho (a) | | | Principal Amou Of Debt issue (b) | · · · · · · · · · · · · · · · · · · · |
| 1 | Account 221: | | | | |
| 2 | | | | | |
| 3 | First and Refunding Mortgage Bonds: | | | | |
| 5 | 6.00% Series | | | 300,000 | 57 500 |
| 6 | 6.00% Series | | | 300,000 | 0,000 57,500 3,696,000 D |
| 7 | | | | | 3,090,000 D |
| 8 | 8.95% Series | | | 15,994 | 1,025 21,967 |
| 9 | | | | | |
| 10 | 3.75% First Mortgage Bonds | | | 500,000 | 0,000 4,447,400 |
| 11 | | | | | 4,170,000 D |
| 12 | | | | 0.70.000 | 0.544.545 |
| | 6.45% Senior Unsecured Notes | | | 350,000 | |
| 14 15 | | | | | 2,161,255 D |
| | 2.5% First Mortgage Bonds | | | 500,000 |),000 2,387,692 |
| 17 | 2.5% First Wortgage Bonds | | | 300,000 | 195,000 D |
| 18 | | | | | |
| 19 | 3.875% First Mortgage Bonds | | | 500,000 | 0,000 4,137,692 |
| 20 | | | | | 1,765,000 D |
| 21 | | | | | |
| 22 | 6.1% Senior Unsecured Notes | | | 500,000 | 0,000 3,817,772 |
| 23 | | | | | 65,000 D |
| 24 | | | | | |
| 25 | 2.95% First Mortgage Bonds | | | 600,000 | |
| 26 27 | | | | | 1,452,000 D |
| 28 | New York Life Insurance Company - 6.9% | | | 20,000 |),000 252,827 |
| 29 | Lincoln National Life Insurance Company - 6.9% | | | 15,000 | |
| 30 | Emodiff Validhar Elle modraffee Company 0.0% | | | 10,000 | ,,000 |
| 31 | 5.25% First Mortgage Bonds | | | 400,000 | 0,000 2,097,525 |
| 32 | U- U | | | 113,000 | 1,360,000 D |
| | | | | | |
| 33 | TOTAL | | | 10,046,306 | 3,557 100,025,626 |

| Name | e of Respondent | This Report Is: | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|--|--|--|--|---|
| Duke | Energy Carolinas, LLC | (1) XAn Original (2) A Resubmission | 04/13/2017 | End of2016/Q4 |
| | L | ONG-TERM DEBT (Account 221, 222, | 223 and 224) | |
| Read 2. In 3. Fo 4. Fo dema 5. Fo issue 6. In 7. In 8. Fo Indica 9. Fu issue | eport by balance sheet account the particular quired Bonds, 223, Advances from Associate column (a), for new issues, give Commission bronds assumed by the respondent, include or advances from Associated Companies, repand notes as such. Include in column (a) narror receivers, certificates, show in column (a) do. column (b) show the principal amount of bor column (c) show the expense, premium or dor column (c) the total expenses should be listed the premium or discount with a notation, urnish in a footnote particulars (details) regars redeemed during the year. Also, give in a fied by the Uniform System of Accounts. | ed Companies, and 224, Other Ion authorization numbers and dates e in column (a) the name of the iss port separately advances on notes mes of associated companies from the name of the court -and date of a condition of the court with respect to the amount sted first for each issuance, then the such as (P) or (D). The expenses, rding the treatment of unamortized | g-Term Debt. i. uing company as well as and advances on open a which advances were recourt order under which so the solution of the solution | a description of the bonds. ccounts. Designate ceived. such certificates were erm debt originally issued. parentheses) or discount. buld not be netted. or discount associated with |
| | | | | |
| Line No. | Class and Series of Obligat (For new issue, give commission Autho (a) | • | Principal Amour Of Debt issued (b) | |
| 1 | (4) | | (*) | |
| 2 | 6.00% First Mortgage Bonds | | 500,000, | 000 4,109,714 |
| 3 | | | | 350,000 D |
| 4 | 5.400/ 5: | | 200,000 | 000 4 444 050 |
| 5 6 | 5.10% First Mortgage Bonds | | 300,000, | 000 1,441,959 441,000 D |
| 7 | | | | 441,000 D |
| | 6.05% First Mortgage Bonds | | 600,000, | 000 4,686,704 |
| 9 | 3 0 | | , , | 1,650,000 D |
| 10 | | | | |
| | 7.00% First Mortgage Bonds | | 500,000, | |
| 12 | | | | 1,450,000 D |
| 13 | C 20/ First Martiners Donds | | 750,000 | 000 5 000 147 |
| 14 15 | 5.3% First Mortgage Bonds | | 750,000, | 000 5,993,147 3,202,500 D |
| 16 | | | | 3,202,300 D |
| 17 | 4.3% First Mortgage Bonds | | 450,000, | 000 2,112,010 |
| 18 | | | | 1,057,500 D |
| 19 | | | | |
| 20 | 3.9% First Mortgage Bonds | | 500,000, | |
| 21 | | | | 510,000 D |
| 22 | 1.75% First Mortgage Bonds | | 350,000, | 000 1,452,404 |
| 24 | 1.73 % Tilst Wortgage Bollus | | 350,000, | 570,500 D |
| 25 | | | | 070,000 B |
| 26 | 4.25% First Mortgage Bonds | | 650,000, | 000 5,297,322 |
| 27 | | | | 1,098,500 D |
| 28 | | | | |
| 29 | 4.00% First Mortgage Bonds | | 650,000, | |
| 30 | | | | 5,174,000 D |
| 31 32 | Bonds issued through Medium Term Notes Facili Accounts 222 and 223: | ity: | | |
| <u> </u> | Accounts 222 and 223. | | | |
| 33 | TOTAL | | 10,046,306 | .557 100,025,626 |

| Name | e of Respondent | This Repo | rt Is: .n Original | Date of Report (Mo, Da, Yr) | Year/Period of Report | |
|--|---|---|---|---|--|-----------|
| Duke | Energy Carolinas, LLC | (2) A | Resubmission | 04/13/2017 | End of2016/Q4 | |
| | | | DEBT (Account 221, 222, | <u> </u> | | |
| Read 2. In 3. Fo 4. Fo dema 5. Fo issue 6. In 7. In 8. Fo Indica 9. Fo issue | eport by balance sheet account the particulal equired Bonds, 223, Advances from Associate column (a), for new issues, give Commission bonds assumed by the respondent, includior advances from Associated Companies, repand notes as such. Include in column (a) nation receivers, certificates, show in column (a) and column (b) show the principal amount of bonds column (c) show the expense, premium or column (c) the total expenses should be like the premium or discount with a notation, turnish in a footnote particulars (details) regards redeemed during the year. Also, give in a lifted by the Uniform System of Accounts. | ed Compain authorizate in columnort separames of assetthe name of the column with the discount with the discount with the discount as (Poling the tree in authorization). | nies, and 224, Other long ation numbers and dates in (a) the name of the issi- ately advances on notes ociated companies from of the court -and date of ar long-term debt original th respect to the amount or each issuance, then the or (D). The expenses, eatment of unamortized | g-Term Debt. uing company as well as and advances on open which advances were recourt order under which ly issued. of bonds or other longe amount of premium (in premium or discount sheet expense, premium | s a description of the bond accounts. Designate eceived. such certificates were term debt originally issued in parentheses) or discount ould not be netted. or discount associated wi | d. nt. |
| | | | | | | |
| Line No. | Class and Series of Obligat (For new issue, give commission Autho (a) | | | Principal Amor Of Debt issue (b) | · · | ınt |
| 1 | | | | | | |
| 2 | Duke Energy Corporation986% | | | 300,000 | 0,000 | |
| 3 | Assessment 0004 | | | | | |
| 5 | Account 224: | | | | | |
| 6 | | | | | | |
| 7 | Pollution Control Bond 1993 - 3.6% | | | 77,00 | 0,000 3,143,212 | 2 |
| 8 | | | | | | |
| 9 | | | | 07.00 | 200 | |
| 10 | Pollution Control .79% 1999A | | | 25,000 | 0,000 250,643 | 3 |
| | Pollution Control .81% 1999B | | | 10,000 | 0,000 110,666 | 6 |
| 13 | | | | 2,11 | ., | |
| 14 | Pollution Control 2006A - 4.375% fixed | | | 71,60 | 5,000 1,393,412 | 2 |
| 15 | | | | | | |
| 16 17 | Pollution Control 2006B - 4.375% fixed | | | 71,59 | 5,000 1,354,512 | 2 |
| 18 | Pollution Control 2008A - 4.625% fixed | | | 50,000 | 0,000 1,143,326 | 6 |
| 19 | | | | | ., | |
| 20 | Pollution Control 2008B - 4.625% fixed | | | 50,00 | 0,000 1,264,318 | 8 |
| 21 | | | | | | |
| 22 | Other Long Term Debt | | | 440,11 | 2,532 2,268,863 | 3 |
| 24 | | | | | | |
| 25 | | | | | | |
| 26 | | | | | | |
| 27 | | | | | | |
| 28 | | | | | | |
| 29 30 | | | | | | |
| 31 | | | | | | |
| 32 | | | | | | |
| | | | | | | |
| 33 | TOTAL | | | 10,046,30 | 6,557 100,025, | ,626 |

| Name of Responding Duke Energy Ca | | | This Report Is: (1) X An Origir (2) A Resub | | Date of Report (Mo, Da, Yr) 04/13/2017 | Year/Period of Report End of2016/Q4 | |
|--|---|--|---|---|--|---|----------|
| | | LON | ` ' | | 3 and 224) (Continued) | | |
| 11. Explain ar on Debt - Crec 12. In a footnot advances, sho during year. Gallet 13. If the resp and purpose of 14. If the resp year, describe 15. If interest | ny debits and credit. bote, give explanation for each complete Commission condent has plected from the pledge. condent has any such securities expense was in | sed amounts applicedits other than detention (details) for Apany: (a) principal nauthorization numulated any of its longlong-term debt section a footnote. | cable to issues which to decounts 223 and 2 advanced during yabers and dates. Iterm debt securities which have ear on any obligat | ich were redeeme 28, Amortization a 224 of net change year, (b) interest ies give particular e been nominally ions retired or rea | ed in prior years. and Expense, or credite es during the year. With added to principal amounts (details) in a footnote issued and are nominal acquired before end of y | int, and (c) principle repair including name of pledge ly outstanding at end of year, include such interes | id ee |
| Long-Term De 16. Give partio | ebt and Account culars (details) o | 430, Interest on De concerning any lonເ | ebt to Associated (| Companies. ized by a regulat | mn (i) and the total of A ory commission but not | yet issued. | Line |
| Nominal Date of Issue | Date of Maturity | Date From | Date To | reduction for | outstanding without r amounts held by | Interest for Year Amount | No. |
| (d) | (e) | (f) | (g) | 165 | pondent) (h) | (i) | 4 |
| | | | | | | | 2 |
| | | | | | | | 3 |
| | | | | | | | 4 |
| 12/04/1998 | 12/01/2028 | 12/1998 | 12/2028 | | 300,000,000 | 18,000,000 | 5 |
| | | | | | | | 6 |
| 07/01/1991 | 07/01/2027 | 07/1991 | 07/2027 | | 10,231,949 | 940,886 | 7 8 |
| 02/42/2045 | 00/04/0045 | 02/2045 | 00/2045 | | 500,000,000 | 40.750.000 | 9 |
| 03/12/2015 | 06/01/2045 | 03/2015 | 06/2045 | | 500,000,000 | 18,750,000 | 10 11 |
| | | | | | | | 12 |
| 10/08/2002 | 10/15/2032 | 10/2002 | 10/2032 | | 350,000,000 | 22,575,000 | 13 |
| | | | | | | | 14 |
| | | | | | | | 15 |
| 03/08/2016 | 03/15/2023 | 03/2016 | 03/2023 | | 500,000,000 | 10,069,444 | 16 |
| | | | | | | | 17 18 |
| 03/08/2016 | 03/15/2023 | 03/2016 | 03/2023 | | 500,000,000 | 15,607,639 | 19 |
| 00.00.20.0 | 00.10.2020 | 00/2010 | | | 333,333,333 | . 0,007,000 | 20 |
| | | | | | | | 21 |
| 06/05/2007 | 06/01/2037 | 06/2007 | 06/2037 | | 500,000,000 | 30,500,000 | 22 |
| | | | | | | | 23 |
| 11/14/2016 | 12/01/2026 | 12/2016 | 12/2026 | | 600,000,000 | 0.462.220 | 24 |
| 11/14/2010 | 12/01/2020 | 12/2010 | 12/2020 | | 600,000,000 | 2,163,333 | 25 26 |
| | | | | | | | 27 |
| 08/03/1998 | 12/30/2016 | 08/1998 | 12/2016 | | | 160,553 | 28 |
| | | | | | | | 29 |
| | | | | | | | 30 |
| 01/10/2008 | 01/15/2018 | 01/2008 | 01/2018 | | 400,000,000 | 21,000,000 | 31 |
| | | | | | | | 32 |
| | | | | | | | |
| | | | | | 9,646,411,700 | 422,158,657 | 33 |

| Name of Respo Duke Energy C | | | This Report Is: (1) X An Origin | | Date of Report (Mo, Da, Yr) | Year/Period of Report End of 2016/Q4 | |
|--|--|--|--|---|---|--|-------------|
| | , | LON | (2) A Resub | | 04/13/2017 3 and 224) (Continued) | | |
| 11. Explain ar on Debt - Crec 12. In a footnot advances, sho during year. G 13. If the resp | ny debits and cridit. ote, give explant ow for each com Give Commission ondent has pled | sed amounts applicedits other than delatory (details) for A pany: (a) principal nauthorization num | cable to issues white to Account 4: ccounts 223 and 2 advanced during there and dates. | ich were redeeme 28, Amortization a 224 of net change year, (b) interest | ed in prior years. and Expense, or credite es during the year. With added to principal amou | d to Account 429, Premiunt respect to long-term and (c) principle repaintly including name of pledge | id |
| year, describe 15. If interest expense in col Long-Term De | ondent has any such securities expense was in lumn (i). Explain bt and Account | in a footnote. curred during the y n in a footnote any 430, Interest on De | ear on any obligat difference betwee ebt to Associated (| ions retired or rea n the total of colu Companies. | issued and are nominall acquired before end of y mn (i) and the total of A ory commission but not | ear, include such interes ccount 427, interest on | t |
| Nominal Date of Issue (d) | Date of Maturity (e) | AMORTIZATE Date From (f) | TION PERIOD Date To (g) | reduction for | tstanding outstanding without r amounts held by pondent) (h) | Interest for Year Amount (i) | Line No. |
| 01/10/2008 | 01/15/2038 | 01/2008 | 01/2038 | | 500,000,000 | 30,000,000 | 1 2 |
| 01/10/2008 | 01/15/2038 | 01/2008 | 01/2038 | | 500,000,000 | 30,000,000 | 3 |
| | | | | | | | 4 |
| 04/14/2008 | 04/15/2018 | 04/2008 | 04/2018 | | 300,000,000 | 15,300,000 | 5 |
| | | | | | | | 6 |
| 04/14/2008 | 04/15/2038 | 04/2008 | 04/2038 | | 600,000,000 | 36,300,000 | 7 8 9 |
| | | | | | | | 10 |
| 11/17/2008 | 11/15/2018 | 11/2008 | 11/2018 | | 500,000,000 | 35,000,000 | 11 12 |
| | | | | | | | 13 |
| 11/16/2009 | 02/15/2040 | 11/2009 | 02/2040 | | 750,000,000 | 39,750,000 | 14 |
| | | | | | | | 15 |
| | | | | | | | 16 |
| 06/02/2010 | 06/15/2020 | 06/2010 | 06/2020 | | 450,000,000 | 19,350,000 | 17 |
| | | | | | | | 18 19 |
| 05/19/2011 | 06/15/2021 | 05/2011 | 06/2021 | | 500,000,000 | 19,500,000 | 20 |
| | | | | | ,,,,,,,, | -,, | 21 |
| | | | | | | | 22 |
| 12/08/2011 | 12/15/2016 | 12/2011 | 12/2016 | | | 5,852,778 | 23 |
| | | | | | | | 24 25 |
| 12/08/2011 | 12/15/2041 | 12/2011 | 12/2041 | | 650.000.000 | 27,625,000 | 26 |
| | | | | | 222,000,000 | ,,5_5,500 | 27 |
| | | | | | | | 28 |
| 09/21/2012 | 09/30/2042 | 09/2012 | 09/2042 | | 650,000,000 | 26,000,000 | 29 |
| | | | | | | | 30 |
| | | | | | | | 31 32 |
| | | | | | | | 32 |
| | | | | | | | |
| | * | | | | 9,646,411,700 | 422,158,657 | 33 |

| Name of Respondent Duke Energy Carolinas, LLC | | | This Report Is: (1) X An Original (2) A Resubmission | | Date of Report (Mo, Da, Yr) 04/13/2017 | Year/Period of Report End of 2016/Q4 | |
|--|---|--|---|---|--|--|---------------|
| | | LON | ` ' | | 3 and 224) (Continued) | | |
| 11. Explain ar on Debt - Cred 12. In a footnot advances, sho during year. Of 13. If the resp and purpose of 14. If the resp year, describe 15. If interest expense in collong-Term Describer 15. | ny debits and cr dit. ote, give explan ow for each com Give Commission condent has ple of the pledge. condent has any such securities expense was in lumn (i). Explai | sed amounts appliced the delay and the delay attory (details) for A appany: (a) principal an authorization nundged any of its long a long-term debt sees in a footnote. Incurred during the year in a footnote any it a footnote any it a footnote any it and the delay and the delay it and the delay and the delay it and the delay and the del | cable to issues who bited to Account 4 ccounts 223 and 2 advanced during y bers and datesterm debt securit curities which have ear on any obligat difference betwee bot to Associated 0 | ich were redeeme 28, Amortization a 224 of net change year, (b) interest ies give particular e been nominally tions retired or rea n the total of colu Companies. | ed in prior years. and Expense, or credite as during the year. With added to principal amou as (details) in a footnote issued and are nominall | int, and (c) principle reparting including name of pledgery outstanding at end of lear, include such interest count 427, interest on | id ee |
| Nominal Date of Issue | Date of Maturity | Date From | TION PERIOD Date To | (Total amount reduction for | tstanding outstanding without · amounts held by pondent) (h) | Interest for Year Amount | Line No. |
| (d) | (e) | (f) | (g) | | (n) | (i) | 1 |
| 10/2008 | 2099 | | | | 300,000,000 | 2,645,919 | 2 |
| | | | | | | | 3 |
| | | | | | | | 5 |
| | | | | | | | 6 |
| 11/03/2003 | 02/01/2017 | 11/2003 | 02/2017 | | 77,000,000 | 2,772,000 | 7 |
| | | | | | | | 8 |
| 10/28/1999 | 02/01/2017 | 10/1999 | 02/2017 | | 25,000,000 | 109,341 | 10 |
| | | | | | | | 11 |
| 10/28/1999 | 02/01/2017 | 10/1999 | 02/2017 | | 10,000,000 | 45,890 | $\overline{}$ |
| 09/01/2010 | 10/01/2031 | 09/2010 | 10/2031 | | 71,605,000 | 3,132,719 | 13 14 |
| 09/01/2010 | 10/01/2031 | 09/2010 | 10/2031 | | 7 1,003,000 | 5,152,719 | 15 |
| 09/01/2010 | 10/01/2031 | 09/2010 | 10/2031 | | 71,595,000 | 3,132,281 | 16 |
| 00/04/0040 | 1110110010 | 00/00/0 | 11/00 10 | | | 2 2 4 2 7 2 2 | 17 |
| 09/01/2010 | 11/01/2040 | 09/2010 | 11/2040 | | 50,000,000 | 2,312,500 | 18 19 |
| 09/01/2010 | 11/01/2040 | 09/2010 | 11/2040 | | 50,000,000 | 2,312,500 | 20 |
| | | | | | | | 21 |
| | | | | | 430,979,751 | 11,250,874 | 22 |
| | | 1 | | | | | 23 24 |
| | | | | | | | 25 |
| | | | | | | | 26 |
| | | | | | | | 27 |
| | | | | | | | 28 |
| | | + | | | | | 29 30 |
| | | | | | | | 31 |
| | | | | | | | 32 |
| | | | | | | | |
| | | | | | 9,646,411,700 | 422,158,657 | 33 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|----------------------------|--------------------|----------------|-----------------------|--|--|--|--|
| · | (1) X An Original | (Mo, Da, Yr) | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| FOOTNOTE DATA | | | | | | | |

Schedule Page: 256.2 Line No.: 2 Column: a

The interest rate varies on this intercompany loan. The interest rate is as of December 31, 2016.

Schedule Page: 256.2 Line No.: 10 Column: a

The interest rate and interest period vary on this pollution control bond. The interest rate is as of December 31, 2016.

Schedule Page: 256.2 Line No.: 12 Column: a

The interest rate and interest period vary on this pollution control bond. The interest rate is as of December 31, 2016.

Schedule Page: 256.2 Line No.: 22 Column: a

The Other Long Term Debt ending balance includes gains on cancelled swaps of \$6.0 million as of December 31, 2016. The 2016 amortization of these gains was a credit of (\$0.5) million to account number 427.

| Name of Respondent | | | leport Is: X∏An Original | Date of Report (Mo, Da, Yr) | | ar/Period of Report | | |
|--|--|----------|-----------------------------|--------------------------------|-----|---|--|--|
| Duke Energy Carolinas, LLC | | | A Resubmission | 04/13/2017 | End | of 2016/Q4 | | |
| | RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR FEDERAL INCOME TAXES | | | | | | | |
| 1. Report the reconciliation of reported net income for the year with taxable income used in computing Federal income tax accruals and show computation of such tax accruals. Include in the reconciliation, as far as practicable, the same detail as furnished on Schedule M-1 of the tax return for the year. Submit a reconciliation even though there is no taxable income for the year. Indicate clearly the nature of each reconciling amount. 2. If the utility is a member of a group which files a consolidated Federal tax return, reconcile reported net income with taxable net income as if a separate return were to be field, indicating, however, intercompany amounts to be eliminated in such a consolidated return. State names of group member, tax assigned to each group member, and basis of allocation, assignment, or sharing of the consolidated tax among the group members. 3. A substitute page, designed to meet a particular need of a company, may be used as Long as the data is consistent and meets the requirements of the above instructions. For electronic reporting purposes complete Line 27 and provide the substitute Page in the context of a footnote. | | | | | | | | |
| Line | Particulars (D | etails) | | | | Amount | | |
| No. | (a) | | | | | (b) | | |
| 2 | Net Income for the Year (Page 117) | | | | | 1,165,845,688 | | |
| 3 | | | | | | | | |
| 4 | Taxable Income Not Reported on Books | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 a | Deductions Recorded on Books Not Deducted for | Return | | | | | | |
| 10 | Deductions recorded on books not Deducted for | recturii | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| | Income Recorded on Books Not Included in Retur | n | | | | 1 | | |
| 15 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | Deductions on Return Not Charged Against Book | Income | ; | | | | | |
| 20 | See Notes for Detailed List | | | | | 669,830,827 | | |
| 21 | | | | | | | | |
| 22 23 | | | | | | | | |
| 23 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | Federal Tax Net Income | | | | | 496,014,861 | | |
| | Show Computation of Tax: | | | | | | | |
| 29 | 050/ 50400 044 004 | | | | | 470.005.004 | | |
| | 35% of \$496,014,861 Prior Year Federal Tay Adjustments - Primarily Pr | | 173,605,201 | | | | | |
| | Prior Year Federal Tax Adjustments - Primarily Prior Year Tax True-Ups and Audit Settlements | | | | | -34,207,895 | | |
| 33 | | | | | | , | | |
| 34 | Total Federal Income Tax | | | | | 139,397,306 | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |
| 41 | | | | | | | | |
| 42 | | | _ | - | | | | |
| 43 | | | | | | | | |
| 44 | | | | | | | | |
| | | | | | | | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | |
|----------------------------|--------------------|----------------|-----------------------|--|
| | (1) X An Original | (Mo, Da, Yr) | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | |
| EQOTNOTE DATA | | | | |

| Schedule Page: 261 Line No.: 20 Column: b | |
|--|-----------------|
| Provision for Deferred Income Taxes | (475, 139, 576) |
| Provision for Current Federal Income Taxes | (139, 397, 306) |
| AFUDC Equity Income | 101,909,393 |
| AFUDC Interest | 38,333,449 |
| Book Depreciation | (978, 995, 928) |
| Capitalized Interest for Tax | (49,958,389) |
| Tax Depreciation | 1,718,240,500 |
| Tax Gain/Loss (Cost of Removal) | 97,977,995 |
| Nuclear Fuel Book Burned | (293, 680, 723) |
| Section 263A Adjustment | 51,250,000 |
| Equipment Repairs | 229,860,000 |
| T&D Repairs-Annual | 116,500,000 |
| Reg Asset Save-A-Watt Program | 42,485,041 |
| Reg Asset Pension FAS 87 Non Qualified | (46, 562, 273) |
| Reg Asset Pension FAS 106 | 64,230,593 |
| Severance Accrual | 65,302,272 |
| Lawsuit Contingencies | (19,660,531) |
| Deferral of Cliffside Costs | (25,579,068) |
| Reg Asset Deferred Plant Costs | (36, 439, 538) |
| Charitable Contributions Accrual | (50,995,866) |
| Self Developed Software | 67,213,655 |
| Retirement Plan Expense - Overfunded | 44,746,675 |
| Annual Incentive Plan Compensation | (29, 681, 133) |
| Coal Ash Spend and Earnings from NQ Decomm Trust | 241,409,072 |
| Other Items | (63,537,487) |
| Total | 669,830,827 |

INSTRUCTION 2

The 2016 consolidated tax liability and the allocation thereof have not been finalized. Allocations of consolidated tax liability are based on the percentage method of allocation under Treasury Regulation Section 1.1502-33(d)(3), with a fixed percentage of 100 percent, in conjunction with the income method under Treasury Regulation Section 1.1552-1(a)(1).

For members of the affiliated group, see corporations controlled by respondent, page 103.

| | e of Respondent | Thi | | eport Is: ₹]An Original | Date of Report (Mo, Da, Yr) | | | iod of Report |
|---------------|--|-----------------------------|--------------|--|--------------------------------|------------|----------------|--------------------|
| Duke | Energy Carolinas, LLC | (2) | Ľ | A Resubmission | 04/13/2017 | | End of | 2016/Q4 |
| | | TAXES | ACC | CRUED, PREPAID AND C | HARGED DURING YEA | AR | | |
| 1. Giv | ve particulars (details) of the con | nbined prepaid and ac | crue | ed tax accounts and show | the total taxes charged | to opera | ations and oth | er accounts during |
| l . | I. Give particulars (details) of the combined prepaid and accrued tax accounts and show the total taxes charged to operations and other accounts during he year. Do not include gasoline and other sales taxes which have been charged to the accounts to which the taxed material was charged. If the | | | | | | | |
| l . | , or estimated amounts of such | | | | _ | | | unts. |
| | clude on this page, taxes paid du | | - | | | | ed taxes.) | |
| | the amounts in both columns (d | | _ | | | | | |
| l . | clude in column (d) taxes charge | | | = - | _ | | | |
| | ounts credited to proportions of accrued and prepaid tax account | | bie | to current year, and (c) ta | xes paid and charged di | rect to o | perations or a | accounts other |
| | t the aggregate of each kind of t | | t the | e total tax for each State a | and subdivision can read | lily be as | scertained | |
| | t the aggregate of each time of t | ax iii odoli ilianiloi tila | | o total tax for odoli otato o | and outsire out rough | my bo ac | oortamou. | |
| Line | Kind of Tax | | BEG | INNING OF YEAR | Taxes Charged | Tá | axes Paid | Adjust- |
| No. | (See instruction 5) | Taxes Accrued (Account 236) | (| Prepaid Taxes Include in Account 165) | During Year | Ų | uring ear | ments |
| | (a) | (b) | (| (c) | (d) | ' | (e) | (f) |
| 1 | | | | | | | | |
| 2 | NORTH CAROLINA | | | | | | | |
| 3 | STATE | | | | | | | |
| 4 | Franchise | | | | 19,960,940 | | 15,066,167 | -37,067 |
| 5 | Unemployment | 45,70 | 62 | | 1,221,035 | | 1,239,345 | |
| 6 | Miscellaneous | | | | 252,132 | | 252,132 | |
| 7 | Income taxes | 857,40 | 00 | | 14,255,919 | | -7,197,522 | -5,689,224 |
| 8 | | | $oxed{\int}$ | | | | | |
| 9 | LOCAL | | | | | | | |
| 10 | Property 2016 | 9,69 | 94 | 3,698,419 | 86,271,948 | | 26,980,470 | -491,753 |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | SOUTH CAROLINA | | | | | | | |
| 15 | STATE | | | | | | | |
| 16 | Franchise | 3,317,79 | 97 | | 3,216,913 | | 7,134,501 | 2,369,712 |
| 17 | Unemployment | 206,0 | 57 | | 175,454 | | 375,078 | |
| 18 | Kilowatt hour | 722,50 | 00 | | 8,680,237 | | 8,763,137 | |
| | Miscellaneous | | 70 | | 884 | | 814 | |
| | Income Taxes | 35,466,6 | 12 | | 10,540,749 | | 7,108,036 | -23,514,072 |
| 21 | | | | | | | | |
| - | LOCAL | | | | | | | |
| | Property 2016 | | | | 108,468,397 | | 77,513,485 | -45,984 |
| 24 | | | | | | | | |
| 25 | 071150 074750 | | | | | | | |
| - | OTHER STATES | | | | 0.7 | | 07 | |
| | Georgia Unemployment | 4. | 24 | | 27 | | 6 000 | |
| | Indiana Unemployment | -10 | | | 7,238 | | 6,999 | |
| | 1 - 7 | | 35 | | 2,944 | | 1,264 | |
| | Florida Unemployment | | 39 | | 8,127 | | 8,312 | |
| $\overline{}$ | Kentucky Unemployment | | 14 | | -44 | | 407 | |
| \vdash | New York Unemployment Vermont Unemployment | | + | | 407 168 | | 407 168 | |
| 34 | vermont onemployment | | _ | | 100 | | 100 | |
| 35 | | | _ | | | | | |
| | FEDERAL | | + | | | | | |
| - | Social Security | 8,495,1 | 77 | | 46,935,329 | | 49,414,656 | 5,623,849 |
| | Unemployment | 11,8 | _ | | 40,933,329 | | 432,001 | 3,023,049 |
| | Highway Use | 11,0 | 13 | | 80,919 | | 80,919 | |
| | Income taxes | -10,781,64 | 11 | | 139,397,306 | | -56,115,001 | -192,451,465 |
| 70 | moomo taxeo | - 10,701,0 | - 1 | | 100,001,000 | | 50, 110,001 | 102,701,700 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 41 | TOTAL | 38,351,4 | 95 | 3,698,419 | 439,905,520 | | 131,065,395 | -214,236,004 |
| | | 30,001,1 | | , , | , , | | , , | ,, |

| Name of Respondent | | This Report Is: | ainal | Date of Report (Mo, Da, Yr) | Year/Period of Report | |
|--|---------------------------------------|--|-------------------------|---|----------------------------|-------------|
| Duke Energy Carolinas, I | | (2) A Res | ubmission | 04/13/2017 | End of2016/Q4 | |
| | | | | RING YEAR (Continued) | | |
| identifying the year in colu 6. Enter all adjustments of by parentheses. | ımn (a). of the accrued and prepai | d tax accounts in colu | mn (f) and explain ea | required information separa | e. Designate debit adjustn | nents |
| transmittal of such taxes t | o the taxing authority. | | | d through payroll deductions | | |
| | | | | the amounts charged to Acc and 109.1 pertaining to oth | | |
| amounts charged to Acco | unts 408.2 and 409.2. Al | so shown in column (|) the taxes charged t | o utility plant or other balance | e sheet accounts. | |
| 9. For any tax apportione | d to more than one utility | department or accou | nt, state in a footnote | the basis (necessity) of app | ortioning such tax. | |
| | | | | | | |
| BALANCE AT I | END OF YEAR Prepaid Taxes | DISTRIBUTION OF Flectric | | tems Adjustments to R | et. Other | Line No. |
| Account 236) | (Incl. in Account 165) (h) | Electric (Account 408.1, 409 (i) | 1) (Account 409 (j) | | | INO. |
| | | | | | | 2 |
| | | | | | | 3 |
| 4,857,706 | | 19,960, | 940 | | | 4 |
| 27,452 | | 1,221, |)35 | | | 5 |
| | | 252, | | | | 6 |
| 16,621,617 | | 12,833, | 589 | | 1,422,330 | |
| | | | | | | 8 |
| 58,766,446 | 3,655,446 | 83,410, | 192 | | 2,861,456 | |
| 33,133,113 | 3,000,110 | 33, 1.3, | | | 2,001,100 | 11 |
| | | | | | | 12 |
| | | | | | | 13 |
| | | | | | | 14 |
| 4 700 004 | | 0.040 | 240 | | | 15 |
| 1,769,921 6,433 | | 3,216, ¹ | | | | 16 17 |
| 639,600 | | 8,680, | | | | 18 |
| 333,533 | | | 384 | | | 19 |
| 15,385,253 | | 9,860, | 129 | | 680,620 | 20 |
| | | | | | | 21 |
| 22.222.222 | | 400.000 | | | | 22 |
| 30,908,928 | | 108,082, | 153 | | 386,244 | 23 |
| | | | | | | 25 |
| | | | | | | 26 |
| | | | 27 | | | 27 |
| 135 | | | 238 | | | 28 |
| 1,945 | | | 944 | | | 29 |
| 4 | | | 127 | | | 30 |
| | | | -44 107 | | | 31 32 |
| | | | 168 | | | 33 |
| | | | | | | 34 |
| | | | | | | 35 |
| | | | | | | 36 |
| 11,639,699 | | 46,935, | | | | 37 |
| 8,303 | | 428, | | | | 38 |
| -7,720,799 | | 80, ¹ 122,520, | | | 16,877,171 | 39 40 |
| -1,120,199 | | 122,320, | | | 10,077,171 | +0 |
| | | | | | | |
| | | | | | | |
| 132,912,643 | 3,655,446 | 417,677, | 699 | | 22,227,821 | 41 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 262 Line No.: 1 Column: a

North Carolina utility franchise tax was repealed on 7/1/14.

South Carolina license fee is based on revenues and property.

State unemployment taxes and Federal social security taxes are allocated on the basis of wage and salary expenditures.

South Carolina kilowatt hour tax is based on the sales of electric energy and is therefore charged entirely to the electric department.

Income taxes applicable to electric operations are calculated on electric operating income adjusted to a current tax basis and reduced by electric's share of interest expense (taxable income). Federal income tax is the product of taxable income less state income taxes at the statutory rate of 35%. North Carolina income tax is the product of taxable income apportioned to North Carolina on a stand-alone basis at the statutory rate of 4%. South Carolina income tax is the product of taxable income apportioned to South Carolina on a stand-alone basis at the statutory rate of 5%. Georgia income tax is the product of taxable income apportioned to Georgia on a stand-alone basis at the statutory rate of 6%.

Miscellaneous taxes are allocated according to the nature of the tax consistent with the bases stated above.

Property (ad valorem) taxes are charged to a central business unit within Duke Energy Carolinas.

Municipal and state privilege licenses are charged to the department which originate taxable revenue or engage in taxable activity.

Per the instructions for page 262-263, which state, "Do not include gasoline and other sales taxes which have been charged to the accounts to which the taxed material was charged", the following amounts have been excluded from Taxes Accrued balances: Sales and Use Tax Payable - 5,118,178 excluded from Balance At Beginning Of Year (column b)

Sales and Use Tax Payable - 7,146,876 excluded from Balance At End Of Year (column g)

| Schedule Page: 262 Line No. | o.: 4 Column: f | | |
|-----------------------------|------------------|-----|--|
| Reclass to account 182, | 186, 253 | | |
| Schedule Page: 262 Line No | o.: 7 Column: f | | |
| Reclass to account 143, | 146, 236 | | |
| Schedule Page: 262 Line No | o.: 10 Column: f | | |
| Reclass to account 143, | 151, 182, 253, | 419 | |
| Schedule Page: 262 Line No | o.: 16 Column: f | | |
| Reclass to account 146 | | | |
| Schedule Page: 262 Line No | o.: 20 Column: f | | |
| Reclass to account 143, | 146, 236 | | |
| Schedule Page: 262 Line No | o.: 23 Column: f | | |
| Reclass to account 182 | | | |
| Schedule Page: 262 Line No | o.: 37 Column: f | | |
| Reclass to account 242 | | | |
| Schedule Page: 262 Line No | o.: 40 Column: f | | |
| Reclass to account 143, | 146, 236 | | |

| | e of Respondent | | This Report | t Is: n Original | Date of Re (Mo, Da, Y | eport Year/ | Period of Report |
|----------|-------------------------------------|--|---------------|--|-------------------------------|---|-----------------------------------|
| Duk | e Energy Carolinas, LLC | | (2) A | Resubmission | 04/13/201 | 7 | of 2016/Q4 |
| <u> </u> | | | | RED INVESTMENT TAX | | | |
| non | utility operations. Exp | applicable to Account : lain by footnote any co hich the tax credits are | rrection adju | appropriate, segregate stments to the accoun | the balances t balance sho | s and transactions by wn in column (g).Inc | utility and lude in column (i) |
| Line | Account | Balance at Beginning of Year | | red for Year | All | ocations to t Year's Income | Adjustments |
| No. | Subdivisions (a) | of Year (b) | Account No. | I Amount | Account No. | Amount | Adjustments |
| 1 | Electric Utility | ` ' | (c) | (d) | (e) | (f) | (g) |
| | 3% | | | l | | <u> </u> | <u> </u> |
| | 4% | 1,721,630 | | | 411.4 | 118,098 | |
| | 7% | 1,721,030 | | | 411.4 | 110,090 | 3 |
| | 10% | 71,887,028 | | | 411.4 | 5,144,910 | |
| | 15% | 125,000,000 | | | 411.4 | 0,144,010 | 7 |
| | 30% | 120,000,000 | 255 | 9,240,000 | | | |
| | TOTAL | 198,608,658 | 200 | 9,240,000 | | 5,263,008 | 3 |
| | Other (List separately | 100,000,000 | | 0,210,000 | | 0,200,000 | 1 |
| | and show 3%, 4%, 7%, 10% and TOTAL) | | | | | | |
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| Name of Respondent | | This | Report Is: X An Original | | Date of Report (Mo, Da, Yr) | Year/Period of Report | |
|---------------------------|--|------------|----------------------------|--------|--------------------------------|-----------------------|----------------------------------|
| Duke Energy Carolinas, | LLC | (2) | An Original A Resubmission | | 04/13/2017 | End of2016/Q4 | |
| | ACCUMUII A | | | CREDI | TS (Account 255) (continue | 24) | |
| | ACCOMOLA | TED DEI EN | RED INVESTIGENT TAX | CKLDI | 113 (Account 255) (continue | su) | |
| | | | | | | | |
| | | | | | | | |
| Balance at End | Average Period | | ΔD | ILICTM | IENT EXPLANATION | | Line |
| Balance at End of Year | Average Period of Allocation to Income | | AD. | JUSTW | ENT EXPLANATION | | No. |
| (h) | (i) | | | | | | |
| | | | | | | | 1 |
| | | | | | | | 2 |
| 1,603,532 | | | | | | | 3 |
| | | | | | | | 4 |
| 66,742,118 | | | | | | | 5 |
| 125,000,000 | | | | | | | 6 |
| 9,240,000 | | | | | | | 7 |
| 202,585,650 | | | | | | | 8 |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 266 Line No.: 5 Column: b

The 10% amounts for electric utility contain ITC that was calculated at 8% of the basis value. This is a result of the Company's election under IRS Code Section 48(q)4 which allows a company to calculate ITC at 10% with a basis reduction or at 8% with no basis reduction.

The amount included in electric utility at 8% is:

Balance at beginning of year \$ 11,791,658 Allocations to current year's income \$ (782,536) Balance at end of year \$ 11,009,122

Schedule Page: 266 Line No.: 6 Column: b

Eligible ITC for progress expenditures at the Cliffside plant. Placed in service date 2012. Tax credit is 15% with \$125 million cap for the entire project.

Schedule Page: 266 Line No.: 7 Column: d

Estimated eligible 30% ITC for expenditures for the Mocksville Solar project. Placed in service date 2016.

| | e of Respondent e Energy Carolinas, LLC | | n Original | (Mo, Da, Yr) End of 201 | | r/Period of Report of 2016/Q4 | | |
|----------|--|-------------------|--|-------------------------|-----------------|----------------------------------|---|------------------|
| | | ` ` ' | A Resubmission 04/13/2017 ———————————————————————————————————— | | | | | |
| 1 Re | eport below the particulars (details) called | | | | 200) | | | |
| | r any deferred credit being amortized, sl | • | | | | | | |
| | nor items (5% of the Balance End of Yea | • | | an \$100,000 | 0, whichever is | s greater) ma | y be gro | uped by classes. |
| Line | Description and Other | Balance at | | DEBITS | | | | Balance at |
| No. | Deferred Credits | Beginning of Year | Contra Account | An | nount | Credit | S | End of Year |
| | (a) | (b) | (c) | | (d) | (e) | | (f) |
| 1 | Decommissioning Costs - | | | | | | | |
| 2 | Externally Funded | 364,423,699 | 0128 | | 46,960,320 | 73,9 | 927,445 | 391,390,824 |
| 3 | Demand Side Management | | | | | | | |
| 5 | Costs - SC | -355,408 | 0182 | | | | 355,408 | |
| 6 | 00000 00 | 333,133 | 0.102 | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
| 7 | Prepaid Extra Facilities Lighting | 23,681,958 | Various | | 8,467,593 | 4,7 | 707,560 | 19,921,925 |
| 8 | | | | | | | | |
| 9 | Pension Deferred Cost | 59,199,245 | 0926, 0254 | | 59,199,245 | | | |
| 10 | | | | | | | | |
| 11 | Merger Related Charitable | | 0426 | | | 35,7 | 700,000 | 35,700,000 |
| 12 | Contributions | | | | | | | |
| 13 | Deferred Income Town NO Date | 00 400 750 | Madana | | 000 000 400 | 000 (| 200 004 | 00.447.500 |
| 14 15 | Deferred Income Tax - NC Rate | 66,160,753 | Various | | 208,096,486 | 230,0 | 083,301 | 88,147,568 |
| 16 | Change | | | | | | | |
| 17 | Catawba - Wateree relicensing | 15,987,619 | 0186 | | 7,888,708 | | | 8,098,911 |
| 18 | future projects and Misc | 10,000,000 | | | .,, | | | |
| 19 | • • | | | | | | | |
| 20 | Manufactured Gas Plants | 7,665,000 | 0131, 0426 | | 2,982,722 | 2,6 | 607,722 | 7,290,000 |
| 21 | Reserve | | | | | | | |
| 22 | | | | | | | | |
| 23 | Other | 21,119,465 | Various | | 40,121,413 | 38,6 | 519,386 | 19,617,438 |
| 24 | | | | | | | | |
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| | | | | | | | | |
| 47 | TOTAL | 557,882,331 | | : | 373,716,487 | 386,0 | 000,822 | 570,166,666 |
| L | | ı | | | | | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

| Schedule Page: 269 L | ine No.: 9 Column: f |
|----------------------|----------------------|
|----------------------|----------------------|

Year-end December 2016 balance was reclassified to Regulatory Liabilities (account 0254) and reflected on page 278.

| Name | e of Respondent | | s Re | port Is: | | Date of Report | Year/Period of Report |
|----------------------------|--|------------|-------|----------------------------|---------|----------------------------------|-----------------------------------|
| Duke Energy Carolinas, LLC | | (1) (2) | | An Original A Resubmission | | (Mo, Da, Yr) 04/13/2017 | End of2016/Q4 |
| | ACCUMULATED DEFERRED | INC | ОМЕ | TAXES - ACCELERA | TED A | AMORTIZATION PROPERT | Y (Account 281) |
| 1. R | eport the information called for below concer | ning | the | respondent's accour | nting f | for deferred income taxes | s rating to amortizable |
| prop | - | | | | | | |
| 2. F | or other (Specify),include deferrals relating to | othe | er in | come and deductions | S. | OLIANIO | |
| Line | Account | | | Balance at | | | ES DURING YEAR |
| No. | | | | Beginning of Year | | Amounts Debited to Account 410.1 | Amounts Credited to Account 411.1 |
| | (a) | | | (b) | | (c) | (d) |
| 1 | Accelerated Amortization (Account 281) | | | | | | |
| 2 | Electric | | | | | | |
| 3 | Defense Facilities | | | | Т | | |
| 4 | Pollution Control Facilities | | | | | | |
| 5 | Other (provide details in footnote): | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | TOTAL Electric (Enter Total of lines 3 thru 7) | | | | | | |
| 9 | Gas | | | | | | |
| 10 | Defense Facilities | | | | Т | | |
| 11 | Pollution Control Facilities | | | | | | |
| 12 | Other (provide details in footnote): | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | TOTAL Gas (Enter Total of lines 10 thru 14) | | | | | | |
| 16 | | | | | | | |
| 17 | TOTAL (Acct 281) (Total of 8, 15 and 16) | | | | | | |
| 18 | Classification of TOTAL | | | | | | |
| 19 | Federal Income Tax | | | | Т | | |
| 20 | State Income Tax | | | | | | |
| 21 | Local Income Tax | | | | | | |
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| Name of Responde | | Th | nis Report Is: X An Original | | Date of Report (Mo, Da, Yr) | Year/Period of Repor | |
|------------------|------------------|---------------------|-------------------------------|--------------------|--------------------------------|-----------------------|------|
| Duke Energy Caro | linas, LLC | (2) |) A Resubmissio | n | 04/13/2017 | End of2016/Q4 | |
| A | CCUMULATED DEFE | | | | ATION PROPERTY (Acc | ount 281) (Continued) | |
| 3. Use footnotes | as required. | | | | | | |
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| CHANGES DURI | NG YEAR | | ADJUST | MENTS | | | |
| Amounts Debited | Amounts Credited | Del | | | Credits | Balance at | Line |
| to Account 410.2 | to Account 411.2 | Account Credited | Amount | Account Debited | Amount | End of Year | No. |
| (e) | (f) | (g) | (h) | (i) | (j) | (k) | |
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| | | NOTES (C | Continued) | | | | |
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| | of Respondent Energy Carolinas, LLC | (1) | Report Is: ☐ An Original ☐ A Resubmission | Date of Report (Mo, Da, Yr) 04/13/2017 | Year/Period of Report End of2016/Q4 |
|-------|---|------|--|--|-------------------------------------|
| | | (2) | FFERED INCOME TAXES - OTH | | 282) |
| 1 Re | eport the information called for below concer | | | • | , |
| | ct to accelerated amortization | 9 . | | | produing to property met |
| 2. Fc | r other (Specify),include deferrals relating to | othe | r income and deductions. | | |
| Line | A | | Delegene | CHANGI | ES DURING YEAR |
| No. | Account | | Balance at Beginning of Year | Amounts Debited | Amounts Credited |
| | (a) | | (b) | to Account 410.1 (c) | to Account 411.1 (d) |
| 1 | Account 282 | | (0) | (6) | (u) |
| | Electric | | 6,217,649,577 | 991,470 | ,831 710,576,194 |
| | Gas | + | 0,2 11,0 10,011 | 33., | 1 10,010,101 |
| 4 | | | | | |
| | TOTAL (Enter Total of lines 2 thru 4) | | 6,217,649,577 | 991,470 | ,831 710,576,194 |
| | Other adjustments to reg asset | | , , , | , | |
| 7 | · · · | | | | |
| 8 | | | | | |
| 9 | TOTAL Account 282 (Enter Total of lines 5 thru | | 6,217,649,577 | 991,470 | ,831 710,576,194 |
| | Classification of TOTAL | | | | |
| 11 | Federal Income Tax | | 5,649,395,040 | 925,936 | ,930 675,059,194 |
| 12 | State Income Tax | | 568,254,537 | 65,533 | ,901 35,517,000 |
| 13 | Local Income Tax | | | | |
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| Name of Responde | | T (1 | his Report Is: I) XAn Original | | Date of Report (Mo, Da, Yr) | Year/Period of Report | |
|-------------------------------|--------------------------|----------------------------|-----------------------------------|-------------|--------------------------------|-----------------------|------|
| Duke Energy Caro | linas, LLC | (2 | 2) A Resubmission | 1 | 04/13/2017 | End of2016/Q4 | |
| AC | CCUMULATED DEFER | RRED INCOME | TAXES - OTHER PROF | PERTY (Acco | ount 282) (Continued) | | |
| 3. Use footnotes | as required. | | | | | | |
| | | | | | | | |
| 011111050 011011 | 10.1/54.5 | | AD IIIOT | MENTO | | | |
| CHANGES DURII Amounts Debited | NG YEAR Amounts Credited | l De | ADJUSTI bits | MEN IS | One dite | Balance at | Line |
| to Account 410.2 | to Account 411.2 | | Amount | Accoun | Credits Amount | End of Year | No. |
| (e) | (f) | Account Credited (g) | (h) | Debite | d (j) | (k) | |
| , , | | (97 | (, | (i) | | (11) | 1 |
| 14,264,734 | 936.086 | 254,253 | 61,811,957 | 182.254 | 2,564,32 | 6,452,625,233 | |
| | | <u> </u> | | · | | | 3 |
| | | | | | | | 4 |
| 14,264,734 | 936,086 | | 61,811,957 | | 2,564,32 | 6,452,625,233 | |
| ,,, | | | 3 1,0 1 1,0 1 | | _,,,,,,_ | 3, 112,123,233 | 6 |
| | | | | | | | 7 |
| | | | | | | | 8 |
| 14,264,734 | 936,086 | | 61,811,957 | | 2,564,32 | 8 6,452,625,233 | |
| 14,204,704 | 000,000 | | 01,011,007 | | 2,004,02 | 0,402,020,200 | 10 |
| 13,547,128 | 1,266,449 | | -33,283,370 | | 9,771,77 | 5,955,608,603 | |
| 717,606 | | | 95,095,327 | | -7,207,45 | | |
| , 5 5 5 | 000,000 | | 33,333,621 | | .,_0.,.0 | 101,010,000 | 13 |
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| | | NOTES (| Continued) | | | | |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

| Schedule Page: 274 Line No.: | 2 | Column: I | n |
|------------------------------|---|-----------|---|
|------------------------------|---|-----------|---|

Impact of North Carolina rate change deferred to balance sheet.

Schedule Page: 274 Line No.: 2 Column: j

Primarily related to AFUDC equity, investment tax credit basis adjustments, and cash grants.

| Name of Respondent Duke Energy Carolinas, LLC This Re (1) X (2) | | port Is:]An Original]A Resubmission | Date of Report (Mo, Da, Yr) 04/13/2017 | Year/Period of Report End of2016/Q4 | |
|---|---|---|--|--|---|
| | ACCUMUL | | FFERED INCOME TAXES - O | | |
| 1. R | eport the information called for below concer | ning the | respondent's accounting fo | r deferred income taxes | relating to amounts |
| recor | ded in Account 283. | | | | |
| 2. F | or other (Specify),include deferrals relating to | other in | come and deductions. | | |
| Line Account | | | Balance at | | S DURING YEAR |
| No. | | | Beginning of Year | Amounts Debited to Account 410.1 (c) | Amounts Credited to Account 411.1 (d) |
| 1 | (a) Account 283 | | (b) | (C) | (u) |
| | Electric | | | | |
| 3 | | | 2.500.404.250 | 275.404 | 00.044.057 |
| 4 | Decommissioning and Other | | 2,500,494,350 | 275,196 | 6,017 63,344,257 |
| | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| | TOTAL Electric (Total of lines 3 thru 8) | | 2,500,494,350 | 275,196 | 6,017 63,344,257 |
| 10 | Gas | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| | TOTAL 0. (T. I. | | | | |
| | TOTAL Gas (Total of lines 11 thru 16) | | | | |
| | Other | | 149,962,839 | | 9,348 28,070,301 |
| | TOTAL (Acct 283) (Enter Total of lines 9, 17 and | 18) | 2,650,457,189 | 284,87 | 5,365 91,414,558 |
| | Classification of TOTAL | | | | |
| | Federal Income Tax | | 2,369,720,590 | 272,96 | 5,052 98,049,809 |
| 22 | State Income Tax | | 280,736,599 | 11,910 | 0,313 -6,635,251 |
| 23 | Local Income Tax | | | | |
| | | | | | |
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| Name of Responde | ent | | This Report Is: (1) XAn Original | | Date of Report (Mo, Da, Yr) | Year/Period of Report | |
|------------------|------------------|----------------------------|----------------------------------|--------------------|--------------------------------|-------------------------|------|
| Duke Energy Caro | | | (2) A Resubmission 04/13/2017 | | 04/13/2017 | End of2016/Q4 | |
| | | | | | (Account 283) (Continued) | | |
| | | ations for Pa | ge 276 and 277. Includ | e amounts | relating to insignificant i | tems listed under Other | ·. |
| 4. Use footnotes | as required. | | | | | | |
| CHANGES DI | URING YEAR | | ADJUSTMENTS | | | | |
| Amounts Debited | Amounts Credited | | Debits | (| Credits | Balance at | Line |
| to Account 410.2 | to Account 411.2 | Account Credited (g) | Amount | Account Debited | Amount | End of Year | No. |
| (e) | (f) | (9) | (h) | (i) | (j) | (k) | 1 |
| | | | | | | | 2 |
| -394,784 | 240.020 | | CO 044 000 | | 45 400 243 | 0.000.747.704 | 3 |
| -334,704 | -210,028 | | 60,911,820 | | 45,498,247 | 2,696,747,781 | |
| | | | | | | | 4 |
| | | | | | | | 5 |
| | | | | | | | 6 |
| | | | | | | | 7 |
| | | | | | | | 8 |
| -394,784 | -210,028 | | 60,911,820 | | 45,498,247 | 2,696,747,781 | 9 |
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| | | | | | | | 17 |
| 2.574.040 | 202 702 | | 40 557 005 | | 00.570.046 | 440,404,000 | |
| 2,574,619 | 980,706 | | 46,557,235 | | 29,572,818 | _ | |
| 2,179,835 | 770,678 | | 107,469,055 | | 75,071,065 | 2,812,929,163 | |
| | | | | | | | 20 |
| 1,983,055 | 722,092 | | 55,978,440 | | 72,436,285 | | 21 |
| 196,780 | 48,586 | | 51,490,615 | | 2,634,780 | 250,574,522 | 22 |
| | | | | | | | 23 |
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| | | NOTES | Continued) | | | | |
| | | NOTES | S (Continued) | | | | |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 276 Line No.: 3 Column: h

 $182/254 - \overline{5},629,098$ - related to gross-up of after-tax AFUDC and other regulatory assets/liabilities.

283/146 - 28,528,645 related to FAS 158 intercompany transactions, and deferred tax balance movement between electric and other categories.

253/254 - 26,754,077 related to impact of North Carolina rate change deferred to balance sheet and deferred tax balance movement between electric and other categories.

Schedule Page: 276 Line No.: 3 Column: j

283 - Deferred tax balance movement between electric and other categories.

Schedule Page: 276 Line No.: 18 Column: a

Relates primarily to deferred taxes on regulatory assets for deferred plant costs and nuclear levelization.

Schedule Page: 276 Line No.: 18 Column: h

253/254 - 1,148,742 related to North Carolina rate change deferred to balance sheet. 283 - 45,408,493 related to deferred tax balance movement between electric and other categories.

Schedule Page: 276 Line No.: 18 Column: j

283 - Deferred tax balance movement between electric and other categories.

| | e of Respondent e Energy Carolinas, LLC | This Report Is: (1) XAn Original (2) A Resubmission | | | (Mo, Da, Yr) 04/13/2017 End of | | riod of Report 2016/Q4 |
|----------------|---|---|----------------|-------------------------------------|-----------------------------------|-----------------|------------------------------|
| 1. Re | OT eport below the particulars (details) called for | | | IABILITIES (Ac Julatory liabilit | • | rder docket num | ber, if applicable. |
| 2. M by cl | inor items (5% of the Balance in Account 254 asses. or Regulatory Liabilities being amortized, show | at end of | f period, or a | amounts less | | | |
| <i>J</i> . 1 C | r regulatory Elabilities being amortized, show | w period (| or amortizat | 1011. | | | |
| ine No. | Description and Purpose of Other Regulatory Liabilities | Balance at Begining of Current Quarter/Year | | DEBITS Account Amount | | Credits | Balance at End of Current |
| | (a) | | b) | Credited (c) | (d) | (e) | Quarter/Year (f) |
| 1 | . , | (| b) | (0) | (u) | (0) | (1) |
| 2 | Taxes (Various) | | | | | | |
| 3 | NCUC Docket No. E-7, Sub 1026 | | | | | | |
| 4 | SCPSC Docket 2013-59-E | | 141,201,929 | Various | 251,074,945 | 248,552,758 | 138,679,742 |
| 5 | | | | | | | |
| 6 | NC Tax Rate Change | | | | | | |
| 7 | NCUC Docket No. M-100, Sub 138 | | 171,184,470 | Various | 712,267,740 | 789,223,005 | 248,139,735 |
| 8 | | | | | | | |
| 9 | Settlement give back | | | | | | |
| 10 | NCUC Docket No E-7 Sub 1051 | | | | | | |
| 11 | | | | | | | |
| | ARO Regulatory Liability | | | | | | |
| | NCUC Docket No E-7 Sub 723 | | | | | | |
| 14 | SCPSC Docket No 2003-84-E | | 28,937,976 | Various | 60,894,891 | 31,956,915 | |
| 15 | | | | | | | |
| | I & D Regulatory Liability | | | | | | |
| | NCUC Docket No E-7, Sub 1026 | | 00 705 000 | | | 0.000.000 | |
| 18 | SCPSC Docket 2013-59-E | | 29,785,968 | | | 2,000,000 | 31,785,968 |
| 19 | NC REC Liability | | | | | | |
| 21 | • | | 33,242,490 | 407 AEC | 13,861,210 | 25,304,460 | 44 695 740 |
| 22 | NOOC BOCKEL E-1, Sub 1032 | | 30,242,430 | 407,456 | 13,001,210 | 20,004,400 | 44,685,740 |
| | SC Storm Reserve Fund | | | | | | |
| 24 | | | 24,436,560 | Various | 10,225,902 | 7,301,587 | 21,512,245 |
| 25 | 00.000000000000000000000000000000000000 | | ,, | vanouo | | ,,,,,,,,,, | 21,012,210 |
| 26 | OPEB Liability | | | Various | 5,281,323 | 47,027,557 | 41,746,234 |
| 27 | FERC Docket No. Al07-1-000 | | | | | | , , |
| 28 | FAS 106 - Medical | | 8,484,996 | Various | 5,399,884 | 1,525,568 | 4,610,680 |
| 29 | | | | | | | |
| 30 | NDTF Contaminated Liability | | | | | | |
| 31 | NCUC Docket No E-7 Sub 723 | | | | | | |
| 32 | SCPSC Docket No 2003-84-E | | 460,505,258 | | | | 460,505,258 |
| 33 | | | | | | | |
| 34 | End of Life Reserves | | | | | | |
| 35 | NCUC Docket No. E-7, Sub 1026 | | 41,332,500 | | | 18,370,000 | 59,702,500 |
| 36 | | | | | | | |
| | NDTF Giveback | | | | | | |
| | NCUC Docket No. E-100 Sub 56 | | | | | | |
| | PSC Docket No.2015-96-E | | 8,771,361 | Various | 12,175,716 | 3,404,355 | |
| 40 | NC Long-Term Liab | | 27,222,480 | 182,254 | 75,447,672 | 52,020,049 | 3,794,857 |
| | | | | | | | |
| 41 | TOTAL | | 1,009,229,876 | | 1,407,407,510 | 1,588,088,680 | 1,189,911,046 |

| Name of Respondent Duke Energy Carolinas, LLC | | This Report Is: (1) XAn Original (2) A Resubmission | | Date of Report (Mo, Da, Yr) 04/13/2017 | Year/Pe End of | ar/Period of Report d of 2016/Q4 | |
|--|--|---|----------------------------------|--|-------------------|--|--|
| OT | | HER REGULATORY L | | | | | |
| 2. Mi by cl | eport below the particulars (details) called for nor items (5% of the Balance in Account 254 asses. or Regulatory Liabilities being amortized, show | concerning other reg at end of period, or a | julatory liabili amounts less | ties, including rate o | | | |
| | | <u> </u> | | | | | |
| Line No. | Description and Purpose of Other Regulatory Liabilities | Balance at Begining of Current Quarter/Year | Account | EBITS Amount | Credits | Balance at End of Current Quarter/Year | |
| | (a) | (b) | Credited (c) | (d) | (e) | (f) | |
| 1 | SC Long-Term Liab Defer Fuel | 27,972,648 | 182,254 | 42,120,004 | | -14,147,356 | |
| 2 | | | | | | | |
| | NC Unbilled Fuel Giveback | | | | | | |
| 4 | NCUC Docket No. E-7, Sub 1051 | 6,131,677 | 182,254 | 108,081,892 | 181,474,819 | 79,524,604 | |
| 5 6 | Mark to Market Fuel - LT | 19,563 | Variana | 84,870,343 | 117,912,942 | 33,062,162 | |
| 7 | Walk (U Walket Fuel - L I | 19,303 | Various | 04,670,343 | 117,912,942 | 33,062,162 | |
| ├ | SC Unbilled Fuel | | | | | | |
| 9 | PSCSC Docket 2014-3-E | | 182,254 | 25,705,988 | 62,014,665 | 36,308,677 | |
| 10 | | | | | | | |
| 11 | | | | | | | |
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| 38 | | | | | | | |
| 39 | | | | | | | |
| 40 | | | | | | | |
| | | | | | | | |
| | TOTAL | , | | | | | |
| 41 | TOTAL | 1,009,229,876 | | 1,407,407,510 | 1,588,088,680 | 1,189,911,046 | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

| Schedule Page: 278 | Line No.: 26 | Column: f |
|--------------------|--------------|-----------|
|--------------------|--------------|-----------|

Year-end December 2016 balance was reclassified from Other Deferred Credits (account 0253) to Regulatory Liabilities.

| 1. The follow related to un 2. Report b 3. Report n for billing puleach month 4. If increas 5. Disclose No. 1 Sale 2 (440 3 (442 4 Sma 5 Larg 6 (444 | owing instructions generally apply to the annual versic unbilled revenues need not be reported separately as below operating revenues for each prescribed accour number of customers, columns (f) and (g), on the bas purposes, one customer should be counted for each g | (2) [LECTRI on of thes required nt, and ma is of meter roup of ma (e), and (go counts 45 | in the annual version of these page anufactured gas revenues in total. ers, in addition to the number of flat eters added. The -average numbe g)), are not derived from previously | ata in columns (c), (e), (f), and (g). Uss. rate accounts; except that where seer of customers means the average of | parate meter readings are added f twelve figures at the close of |
|---|---|---|---|--|--|
| related to ur 2. Report b 3. Report n for billing pu expenses 4. If increas 5. Disclose Line No. 1 Sale 2 (440 3 (442 4 Sma 5 Larg 6 (444 | owing instructions generally apply to the annual versic unbilled revenues need not be reported separately as below operating revenues for each prescribed accour number of customers, columns (f) and (g), on the bas ourposes, one customer should be counted for each gith. asses or decreases from previous period (columns (c), is amounts of \$250,000 or greater in a footnote for account of the counter of the coun | on of thes required at, and ma- is of meter roup of mark (e), and (good) | e pages. Do not report quarterly da in the annual version of these page anufactured gas revenues in total. ers, in addition to the number of flat eters added. The -average numbe g)), are not derived from previously | ata in columns (c), (e), (f), and (g). Uss. rate accounts; except that where seer of customers means the average of | parate meter readings are added f twelve figures at the close of |
| related to ur 2. Report b 3. Report n for billing pu expenses 4. If increas 5. Disclose Line No. 1 Sale 2 (440 3 (442 4 Sma 5 Larg 6 (444 | unbilled revenues need not be reported separately as below operating revenues for each prescribed accour number of customers, columns (f) and (g), on the bas ourposes, one customer should be counted for each gith. asses or decreases from previous period (columns (c), ite amounts of \$250,000 or greater in a footnote for account of the columns (f). | required nt, and mais of meteroup of mand (e), and (good to be counts 45 | in the annual version of these page anufactured gas revenues in total. ers, in addition to the number of flat eters added. The -average numbe g)), are not derived from previously | rate accounts; except that where se or of customers means the average o | parate meter readings are added f twelve figures at the close of |
| ine No. 1 Sale 2 (440 3 (442 4 Sma 5 Larg 6 (444 | Title of Acco | | 1, 100, and 107.2. | | |
| No. 1 Sale 2 (440 3 (442 4 Sma 5 Larg 6 (444 | (a) | unt | | | _ |
| 1 Sale 2 (440 3 (442 4 Sma 5 Lar 6 (444 | . , | | | Operating Revenues Year to Date Quarterly/Annual | Operating Revenues Previous year (no Quarterly) |
| 2 (440 3 (442 4 Sma 5 Larg 6 (444 | les of Electricity | | | (b) | (C) |
| 3 (442 4 Sma 5 Larg 6 (444 | | | | | |
| 4 Sma 5 Larg 6 (444 | 40) Residential Sales | | | 2,996,677,058 | 2,964,076,155 |
| 5 Larg | 42) Commercial and Industrial Sales | | | | |
| 6 (444 | nall (or Comm.) (See Instr. 4) | | | 2,299,520,808 | 2,271,331,821 |
| | rge (or Ind.) (See Instr. 4) | | | 1,250,045,067 | 1,335,107,004 |
| | 44) Public Street and Highway Lighting | | | 47,453,782 | 46,079,647 |
| 7 (445 | 45) Other Sales to Public Authorities | | | | |
| 8 (446 | 46) Sales to Railroads and Railways | | | | |
| 9 (448 | 48) Interdepartmental Sales | | | | |
| 10 TO | OTAL Sales to Ultimate Consumers | | | 6,593,696,715 | 6,616,594,627 |
| 11 (447 | 47) Sales for Resale | | | 514,901,476 | 486,968,230 |
| 12 TO | OTAL Sales of Electricity | | | 7,108,598,191 | 7,103,562,857 |
| 13 (Les | ess) (449.1) Provision for Rate Refunds | | | 9,736,306 | 9,085,148 |
| 14 TO | TAL Revenues Net of Prov. for Refunds | | | 7,098,861,885 | 7,094,477,709 |
| 15 Oth | her Operating Revenues | | | | |
| 16 (450 | 50) Forfeited Discounts | | | 19,977,986 | 20,959,307 |
| 17 (45 | 51) Miscellaneous Service Revenues | | | 13,587,227 | 13,887,856 |
| 18 (453 | 53) Sales of Water and Water Power | | | | |
| 19 (454 | 54) Rent from Electric Property | | | 95,027,749 | 86,167,717 |
| 20 (45 | 55) Interdepartmental Rents | | | | |
| 21 (456 | 56) Other Electric Revenues | | | 20,285,207 | 7 -71,375,091 |
| 22 (456 | 56.1) Revenues from Transmission of Electricit | y of Oth | ers | 85,174,639 | 87,003,193 |
| 23 (45 | 57.1) Regional Control Service Revenues | | | | |
| 24 (45 | 57.2) Miscellaneous Revenues | | | | |
| 25 | | | | | |
| 26 TO | OTAL Other Operating Revenues | | | 234,052,808 | 136,642,982 |
| 27 TO | OTAL Electric Operating Revenues | | | 7,332,914,693 | 7,231,120,691 |
| | | | | | |

| Name of Respondent Duke Energy Carolinas, LLC | | | 1 (1) TVI An Original (Ma Da Vr) | | | Year/Period of Report End of2016/Q4 | · | | |
|--|--|---|--|-----------------------------------|---|---------------------------------------|------|--|--|
| | E | 1 | RIC OPERATING | | | | | | |
| 6. Commercial and industrial Sales, Account 442, respondent if such basis of classification is not gen n a footnote.) 7. See pages 108-109, Important Changes During 8. For Lines 2,4,5,and 6, see Page 304 for amount 9. Include unmetered sales. Provide details of such | may be class erally greater Period, for in es relating to | sified acc r than 10 mportant unbilled | cording to the basis 000 Kw of demand. new territory adde revenue by accour | of classification (See Account 44 | Small or Commercial, and Larg 2 of the Uniform System of Acc | | | | |
| MEGAWATT HO | DURS SOLI | D | | | AVG.NO. CUSTOMER | S PER MONTH | Line | | |
| | unt Previous y | | Quarterly) | Current Ye | | vious Year (no Quarterly) | No. | | |
| (d) | • | (e) | ., | | (f) | (g) | | | |
| | | | | | | | 1 | | |
| 28,380,458 | | | 27,618,726 | | 2,148,432 | 2,117,482 | 2 | | |
| | | | | | | | 3 | | |
| 28,995,889 | | | 28,665,091 | | 349,400 | 345,119 | 4 | | |
| 21,782,414 | | | 22,352,679 | | 6,295 | 6,417 | 5 | | |
| 304,148 | | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| 304,146 | | | 306,732 | | 15,190 | 15,041 | 6 | | |
| | | | | | | | 7 | | |
| | | | | | | | 8 | | |
| | | | | | | | 9 | | |
| 79,462,909 | | | 78,943,228 | | 2,519,317 | 2,484,059 | 10 | | |
| 9,081,806 | | | 8,432,343 | | 24 | 25 | 11 | | |
| 88,544,715 | | | 87,375,571 | | 2,519,341 | 2,484,084 | 12 | | |
| | | | | | | | 13 | | |
| 88,544,715 | | | 87,375,571 | | 2,519,341 | 2,484,084 | 14 | | |
| Line 12, column (b) includes \$ 29 Line 12, column (d) includes | 9,076,455 372,171 | | billed revenues. I relating to unbil | led revenues | | | | | |
| | | | | | | | | | |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

| Schedule Page: 300 Line No.: 17 Column | n: b |
|--|----------------------------------|
| Miscellaneous Service Revenue | \$(13,552,852.39) |
| Generation Application Fee | (34,376.07) |
| | $\$(13, \overline{587, 228.46)}$ |
| Schedule Page: 300 Line No.: 21 Column | 1: b |
| Other Variable Revenues-Reg | (398,657.01) |
| Transmission Study revenue | (7,466.62) |
| Profit of Loss on Sales of M&S | (771 , 134.49) |
| Distribution Charge-Network | (3,744,743.54) |
| Metering - Network | (85,034.28) |
| Comp for Service to other (Catawba) | (18,748,439.42) |
| NC Unbilled Fuel Clause Revenue | 48,086,079.00 |
| NC Unbilled Fuel EMF | (6,710,280.00) |
| SC Unbilled Fuel Clause Revenue | 15,066,565.00 |
| Other Electric Revenues | (1,372,506.28) |
| SAW Deferred Revenue | (30,542,919.83) |
| SC SAW Deferred Revenue | (3,925,478.87) |
| Gross-up - Contr in Aid of Const | (2,026,398.74) |
| Deferred DSM Cost - NC | 58,864.66 |
| Other revenue Affiliate | (13,425,509.04) |
| Other Branch Branch | (1 720 140 00) |

(1,738,148.00)

(20,285,207.00)

Other revenue Affiliate Other Transmission Revenues

| | of Respondent Energy Carolinas, LLC | This Report Is: (1) XAn Original (2) A Resubmission | | Date of (Mo, Da 04/13/20 | Date of Report (Mo, Da, Yr) End of 04/13/2017 | | Period of Report of 2016/Q4 |
|------------|---|---|-------------------------|--------------------------|---|-------|----------------------------------|
| | REGIONA | L TRANSMISSION SEF | RVICE REVENU | JES (Accoun | t 457.1) | | |
| | e respondent shall report below the revenue erformed pursuant to a Commission approv | | | | | | administration, |
| ine No. | Description of Service (a) | Balance at End of Quarter 1 (b) | Balance a Quar (c | ter 2 | Balance at Quarte (d) | | Balance at End of Year (e) |
| 1 | (a) | (6) | (0 | , | (u) | | (6) |
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| 7.5 | | | | | | | |
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| 46 | TOTAL | | | | | | |

| Nam | e of Respondent | This Rep | ort Is: An Original | Date of Rep (Mo, Da, Yr) | ort Year/P | eriod of Report |
|------|--|--------------------------|------------------------|-------------------------------|-------------------------|-------------------------|
| Duk | e Energy Carolinas, LLC | 1 ' ' | A Resubmission | 04/13/2017 | End of | 2016/Q4 |
| | | | ELECTRICITY BY RA | | | |
| 1 R | eport below for each rate schedule in e | | | | number of customer | average Kwh ner |
| | omer, and average revenue per Kwh, e | | | | | average (Will per |
| | rovide a subheading and total for each | • | | | | venues," Page |
| | 301. If the sales under any rate schedu | ule are classified in mo | re than one revenue | account, List the rate so | hedule and sales data | under each |
| | cable revenue account subheading. /here the same customers are served u | inder more than one re | ato echodulo in the ea | mo rovenue account els | secification (such as a | gonoral residential |
| | dule and an off peak water heating sch | | | | | |
| | omers. | | (2) | | | |
| | he average number of customers should | ld be the number of bill | s rendered during the | e year divided by the nu | mber of billing periods | during the year (12 |
| | billings are made monthly). | -4 | - ftt th | to doe dalition of normanical | | |
| | or any rate schedule having a fuel adju eport amount of unbilled revenue as of | | | | ollied pursuant thereto | |
| Line | Number and Title of Rate schedule | MWh Sold | Revenue | Average Number | KWh of Sales | Revenue Per KWh Sold |
| No. | (a) | (b) | (c) | of Customers (d) | Per Customer (e) | Kvvn Sola (f) |
| 1 | RS - Residential Service | 15,591,761 | 1,683,455,867 | 1,235,764 | 12,617 | 0.1080 |
| 2 | RE - Res. Water Htr. & Space Cond | 12,032,812 | 1,218,219,600 | 893,059 | 13,474 | 0.1012 |
| 3 | RET - Res Water Htr & Space TOU | 10 | 1,141 | | | 0.1141 |
| 4 | RST - Residential Service TOU | 20 | 2,102 | 1 | 20,000 | 0.1051 |
| 5 | RB - Res. Service | 80,584 | 9,189,756 | 5,676 | 14,197 | 0.1140 |
| 6 | RT - Res. Service | 56,521 | 4,980,470 | 2,189 | 25,820 | 0.0881 |
| 7 | WC - Res. Service Controlled W-H | 19,339 | 1,131,957 | 10,454 | 1,850 | 0.0585 |
| 8 | ES - Energy Star | 157,773 | 16,045,381 | 11,743 | 13,435 | 0.1017 |
| 9 | Subtotal - Account 440 | 27,938,820 | 2,933,026,274 | 2,158,886 | 12,941 | 0.1050 |
| 10 | Unbilled Alloc Residential | 441,638 | 63,650,784 | -10,454 | -42,246 | 0.1441 |
| 11 | Duplicate Customers | | | | | |
| 12 | Total Residential | 28,380,458 | 2,996,677,058 | 2,148,432 | 13,210 | 0.1056 |
| 13 | G - General Service | 3,187 | 127,314 | 191 | 16,686 | 0.0399 |
| 14 | GA - General Service | 61 | 907 | | | 0.0149 |
| 15 | OPT - General Service | 3,158,725 | 211,098,578 | 4,857 | 650,345 | 0.0668 |
| | OL - Outdoor Lighting | 429,916 | 86,312,953 | 335,216 | 1,283 | 0.2008 |
| 17 | BC - Bldg - Construction Service | 17,300 | 3,088,101 | 9,065 | 1,908 | 0.1785 |
| 18 | I - Industrial Service | 2,718,037 | 219,294,923 | 4,791 | 567,321 | 0.0807 |
| 19 | OPT - Industrial Service | 8,327,297 | 439,353,349 | 532 | 15,652,814 | 0.0528 |
| | PG - Parallel Generation | 4,513 | | | | 0.1769 |
| | FL - Flood Lighting | 230,774 | | 61,505 | 3,752 | 0.1424 |
| | SG - (GEN) - Small General Ser | 22 | 2,216 | | | 0.1007 |
| | SGS - Small General Service | 5,678,747 | 642,465,531 | 308,055 | 18,434 | 0.1131 |
| | LGS - Large General Service | 6,032,117 | 490,406,388 | 11,194 | 538,871 | 0.0813 |
| | S - UNMETERED STREET LIGHTS | | 3,165 | | | |
| | Yard Lighting | -1 | -125 | | | 0.1250 |
| | OPTVG - General Service | 13,353,380 | | 15,882 | 840,787 | 0.0623 |
| | OPTVI - Industrial Service | 10,893,989 | | 1,128 | 9,657,792 | 0.0576 |
| | Water Heating | | 29 | | | |
| | Subtotal - Account 442 | 50,848,064 | 3,585,189,243 | 752,416 | 67,580 | 0.0705 |
| | Duplicate Customers | | | -396,721 | | |
| | Unbilled Alloc Commercial & In | -69,761 | -35,623,368 | | | 0.5106 |
| | Total Commercial & Industrial | 50,778,303 | 3,549,565,875 | 355,695 | 142,758 | 0.0699 |
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| 39 | | 200 == : | 00.0== 000 | 2.55 | = | |
| 40 | PL - Street and Public Lighting | 269,704 | 38,057,889 | 6,460 | 41,750 | 0.1411 |
| | | | | | | |
| | | | | | | |
| 41 | TOTAL Billed | 79,090,738 | 6,564,620,260 | 2,519,317 | 31,394 | 0.0830 |
| 42 | | 372,171 | 29,076,455 | 0 | 0 | 0.0781 |
| 43 | TOTAL | 79,462,909 | 6,593,696,715 | 2,519,317 | 31,541 | 0.0830 |

| Nam | e of Respondent | | eport Is: | Date of Rep (Mo, Da, Yr | ort Year/P | eriod of Report |
|-------------|---|-------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------|
| Duk | e Energy Carolinas, LLC | (1) [2] | ĠAn Original ¬A Resubmission | 04/13/2017 | End of | 2016/Q4 |
| | | I ' ' | F ELECTRICITY BY R. | ATE SCHEDULES | | |
| 1. R | eport below for each rate schedule in e | effect during the year | the MWH of electricity | sold, revenue, average | number of customer. | average Kwh per |
| | omer, and average revenue per Kwh, e | | | _ | | ar or age rams per |
| | rovide a subheading and total for each | | | - | | • |
| | If the sales under any rate scheducable revenue account subheading. | ule are classified in r | nore than one revenue | account, List the rate so | chedule and sales data | under each |
| | /here the same customers are served u | under more than one | rate schedule in the sa | ame revenue account cl | assification (such as a | general residential |
| sche | dule and an off peak water heating sch | | | | | |
| | omers. | | | | | during the core (40 |
| | ne average number of customers shoul billings are made monthly). | id be the number of | ollis rendered during th | e year divided by the nu | imper of billing periods | during the year (12 |
| | or any rate schedule having a fuel adju | stment clause state | n a footnote the estima | ated additional revenue | billed pursuant thereto | |
| | eport amount of unbilled revenue as of | | • • | | 1700 t O - l T | David David |
| Line No. | Number and Title of Rate schedule | MWh Sold | Revenue | Average Number of Customers (d) | KWh of Sales Per Customer | Revenue Per KWh Sold |
| | (a) TS - Traffic Signal - Safety Non | (b) | (c) 11 2,279,497 | | (e) 1,743 | (†) 0.1779 |
| | GL - Governmental Lighting Servic | 21,0 | | · | 15,402 | 0.2822 |
| | NL - Standard Lighting Service | 21,0 | | | 23,750 | 0.4395 |
| | Subtotal - Account 444 | 303,8 | | | 20,004 | 0.1527 |
| | Unbilled Alloc Pub St & Highwa | 2 | | · | 20,001 | 3.5682 |
| | Total Public Street and Highway | 304,14 | | | 20,023 | 0.1560 |
| 7 | Total Retail Unbilled Fuel Clause | | 11,100,100 | | | |
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| | | | | | | |
| 41 | TOTAL Billed | 79,090,7 | 38 6,564,620,260 | 2,519,317 | 31,394 | 0.0830 |
| 42 | Total Unbilled Rev.(See Instr. 6) | 372,1 | | | 0 | 0.0781 |
| 43 | ` | 79,462,9 | | | 31.541 | 0.0830 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 304 Line No.: 5 Column: a

Schedules no longer available for new customers.

Schedule Page: 304 Line No.: 7 Column: d

These customers are also served under other rate schedules.

Schedule Page: 304 Line No.: 12 Column: d

The totals do not include duplications of customers served under more than one rate schedule.

Schedule Page: 304 Line No.: 12 Column: e

The totals do not include duplications of customers served under more than one rate schedule.

Schedule Page: 304 Line No.: 16 Column: d

These customers are also served under other rate schedules.

Schedule Page: 304 Line No.: 21 Column: d

These customers are also served under other rate schedules.

Schedule Page: 304 Line No.: 26 Column: a

Schedules no longer available to new customers.

Schedule Page: 304 Line No.: 33 Column: d

The totals do not include duplications of customers served under more than one rate schedule.

Schedule Page: 304 Line No.: 33 Column: e

The totals do not include duplications of customers served under more than one rate schedule.

Schedule Page: 304.1 Line No.: 7 Column: a

All rate schedules are subject to fuel clause adjustment. For 2016 the total amount of unbilled fuel clause revenue is \$56,442,364. This includes North Carolina unbilled fuel clause revenue of \$48,086,079. North Carolina Experience Modification Factor (EMF) of \$(6,710,280) including interest, and South Carolina unbilled fuel clause revenue of \$15,066,565.

Schedule Page: 304 Line No.: 41 Column: d

The totals do not include duplications of customers served under more than one rate schedule.

Schedule Page: 304 Line No.: 41 Column: e

The totals do not include duplications of customers served under more than one rate schedule.

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|--|--|---|--|---|------------------------------|---|--|--|--|
| Purc2. E year ye | SALES FOR RESALE (Account 447) I. Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than ower exchanges during the year. Do not report exchanges of electricity (i.e., transactions involving a balancing of debits and credits or energy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the Purchased Power schedule (Page 326-327). 2. Enter the name of the purchaser in column (a). Do note abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership in interest or affiliation the respondent has with the purchaser. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projected load for this service in its system resource planning). In addition, the reliability of requirements service must be the same as, or second only to, the supplier's service to its own ultimate consumers. 2. F - for tong-term service. "Long-term" means five years or Longer and "firm" means that service cannot be interrupted for economic easons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy rorm third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the lefinition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract defined as the sarriest date that either buyer or setter can unilaterally get out of the contract. 2. F - for short-term firm service. Use this category for all firm services where the duration of each period of commitment for service is one year. 3. F - for short-term firm service from a designated generating unit. "Long-term" means fiv | | | | | | | | |
| _ine No. | Name of Company or Public Authority (Footnote Affiliations) | Statistical Classifi- cation | FERC Rate Schedule or Tariff Number | Average Monthly Billing Demand (MW) | | mand (MW) Average I Monthly CP Demand | | | |
| | (a) | (b) | (c) | (d) | (e) | (f) | | | |
| | Blue Ridge Electric Membership | | • • | <u> </u> | | | | | |
| 1 | | | | | | | | | |
| 2 | Corporation | RQ | 315 | 215 | 246 | 227 | | | |
| 2 | Corporation Blue Ridge Electric Membership | | 315 | 215 | 246 | 227 | | | |
| 2 3 4 | Blue Ridge Electric Membership Corporation | AD | 315 | | | | | | |
| 2 3 4 5 | Blue Ridge Electric Membership Corporation Central Electric Power Cooperative,Inc. | AD RQ | 315 336 | 215 | | 227 | | | |
| 2 3 4 5 6 | Blue Ridge Electric Membership Corporation Central Electric Power Cooperative,Inc. Central Electric Power Cooperative,Inc. | AD RQ AD | 315 336 336 | 482 | 406 | 388 | | | |
| 2 3 4 5 6 7 | Blue Ridge Electric Membership Corporation Central Electric Power Cooperative,Inc. Central Electric Power Cooperative,Inc. City of Concord | AD RQ AD RQ | 315 336 336 327 | | 406 | 388 | | | |
| 2 3 4 5 6 7 8 | Blue Ridge Electric Membership Corporation Central Electric Power Cooperative,Inc. Central Electric Power Cooperative,Inc. City of Concord City of Concord | AD RQ AD RQ AD | 315 336 336 327 327 | 482 173 | 406 | 388 | | | |
| 2 3 4 5 6 7 8 | Blue Ridge Electric Membership Corporation Central Electric Power Cooperative,Inc. Central Electric Power Cooperative,Inc. City of Concord City of Concord City of Kings Mountain | AD RQ AD RQ AD RQ | 315 336 336 327 327 327 331 | 482 | 406 | 388 | | | |
| 2 3 4 5 6 7 8 9 | Blue Ridge Electric Membership Corporation Central Electric Power Cooperative,Inc. Central Electric Power Cooperative,Inc. City of Concord City of Concord City of Kings Mountain City of Kings Mountain | AD RQ AD RQ AD RQ AD RQ AD RQ AD | 315 336 336 327 327 | 482 173 22 | 406 170 27 | 388 | | | |
| 2 3 4 5 6 7 8 9 10 | Blue Ridge Electric Membership Corporation Central Electric Power Cooperative,Inc. Central Electric Power Cooperative,Inc. City of Concord City of Concord City of Kings Mountain | AD RQ AD RQ AD RQ | 315 336 336 327 327 327 331 331 | 482 173 | 406 170 27 | 388 163 25 | | | |
| 2 3 4 5 6 7 8 9 10 11 12 | Blue Ridge Electric Membership Corporation Central Electric Power Cooperative,Inc. Central Electric Power Cooperative,Inc. City of Concord City of Concord City of Kings Mountain City of Kings Mountain City of Greenwood, SC | AD RQ AD RQ AD RQ AD RQ AD RQ | 315 336 336 327 327 331 331 334 | 482 173 22 | 406 170 27 | 388 163 25 54 | | | |
| 2 3 4 5 6 7 8 9 10 11 12 13 | Blue Ridge Electric Membership Corporation Central Electric Power Cooperative,Inc. Central Electric Power Cooperative,Inc. City of Concord City of Concord City of Kings Mountain City of Kings Mountain City of Greenwood, SC City of Greenwood, SC | AD RQ AD RQ AD RQ AD RQ AD RQ AD RQ AD AD AD AD AD | 315 336 336 327 327 327 331 331 334 334 | 482 173 22 58 | 406 170 27 57 | 388 163 25 54 | | | |
| 2 3 4 5 6 7 8 9 10 11 12 13 | Blue Ridge Electric Membership Corporation Central Electric Power Cooperative,Inc. Central Electric Power Cooperative,Inc. City of Concord City of Concord City of Kings Mountain City of Kings Mountain City of Greenwood, SC City of Greenwood, SC Haywood Electric Membership Corporation | AD RQ | 315 336 336 327 327 331 331 334 334 334 | 482 173 22 58 | 406 170 27 57 | 388 163 25 54 | | | |
| 2 3 4 5 6 7 8 9 10 11 12 13 | Blue Ridge Electric Membership Corporation Central Electric Power Cooperative,Inc. Central Electric Power Cooperative,Inc. City of Concord City of Concord City of Kings Mountain City of Kings Mountain City of Greenwood, SC City of Greenwood, SC Haywood Electric Membership Corporation | AD RQ | 315 336 336 327 327 331 331 334 334 334 | 482 173 22 58 | 406 170 27 57 | 388 163 25 54 | | | |
| 2 3 4 5 6 7 8 9 10 11 12 13 | Blue Ridge Electric Membership Corporation Central Electric Power Cooperative,Inc. Central Electric Power Cooperative,Inc. City of Concord City of Concord City of Kings Mountain City of Kings Mountain City of Greenwood, SC City of Greenwood, SC Haywood Electric Membership Corporation Haywood Electric Membership Corporation | AD RQ | 315 336 336 327 327 331 331 334 334 334 | 482 173 22 58 21 | 406 170 27 57 25 | 388 163 25 54 | | | |

This Report Is:
(1) X An Original
(2) A Resubmission

Date of Report (Mo, Da, Yr) 04/13/2017 Year/Period of Report

End of

2016/Q4

Name of Respondent

Duke Energy Carolinas, LLC

| | e of Respondent | | leport Is: X∣An Original | Date of Re (Mo, Da, Y | ۲) | Period of Report | |
|--|--|-------------------------|-----------------------------|--|---|---|--|
| Duke | e Energy Carolinas, LLC | (1) | An Original A Resubmission | 04/13/2017 | | 2016/Q4 | |
| | | 1 ` ′ | | | | | |
| power for e Purc 2. E owne 3. In RQ - supp be th LF - rease from defin earlie IF - than SF - one y LU - servi IU - 1 | SALES FOR RESALE (Account 447) 1. Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than obower exchanges during the year. Do not report exchanges of electricity (i.e., transactions involving a balancing of debits and credits or energy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the Purchased Power schedule (Page 326-327). 2. Enter the name of the purchaser in column (a). Do note abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the purchaser. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: 80 or requirements service. Requirements service in its system resource planning). In addition, the reliability of requirements service must be the same as, or second only to, the supplier's service to its own ultimate consumers. 5. F of tong-term service. "Long-term" means five years or Longer and "firm" means that service cannot be interrupted for economic easons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy rom third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the lefinition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract. IF - for intermediate-term firm service. The same as LF service except that "intermediate-term" means longer than one year but Less han five years. 5. F - for short-term firm service from a designated generating unit. "Long-term" means five years or Longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of designated unit. 1. V - for intermediate-term service from a designated generating uni | | | | | | |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) | Statistica Classifi- | Schedule or M | Average lonthly Billing emand (MW) | Actual Del Average Monthly NCP Demand | mand (MW) Average I Monthly CP Demand | |
| | (a) | cation (b) | (c) | (d) | (e) | (f) | |
| 1 | ` ' | RQ | 332 | 42 | 63 | 60 | |
| 2 | Lockhart Power Company | AD | 332 | | | | |
| 3 | North Carolina Electric Membership | | | | | | |
| 4 | Corporation | RQ | 326 | 60 | 58 | 53 | |
| 5 | North Carolina Electric Membership | | | | | | |
| 6 | Corporation | AD | 326 | | | | |
| 7 | North Carolina Municipal Power Agency 1 | OS | 318 | | | | |
| 8 | North Carolina Municipal Power Agency 1 | AD | 318 | | | | |
| 9 | Piedmont Electric Membership | | | | | | |
| 10 | Corporation | RQ | 316 | 88 | 85 | 75 | |
| 11 | Piedmont Electric Membership | | | | | | |
| 12 | ' | AD | 316 | | | | |
| | , , , | RQ | 340 | 47 | | | |
| 14 | Piedmont Municipal Power Agency | AD | 340 | | | | |
| | | | | | | | |
| | Subtotal RQ | | | 0 | 0 | 0 | |
| | Subtotal non-RQ | | | 0 | 0 | 0 | |
| | Total | | | 0 | 0 | 0 | |
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|--|------------------------------------|---|---|---|--------------------------------------|--|--|
| SALES FOR RESALE (Account 447) Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than bower exchanges during the year. Do not report exchanges of electricity (i.e., transactions involving a balancing of debits and credits or energy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the Purchased Power schedule (Page 326-327). Enter the name of the purchaser in column (a). Do note abbreviate or truncate the name or use acronyms. Explain in a footnote any twenty interest or affiliation the respondent has with the purchaser. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RQ - for requirements service. Requirements service in its system resource planning). In addition, the reliability of requirements service must be the same as, or second only to, the supplier's service to its own ultimate consumers. F- for tong-term service. "Long-term" means five years or Longer and "firm" means that service cannot be interrupted for economic easons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy rom third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the lefinition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract defined as the sartiest date that either buyer or setter can unilaterally get out of the contract. F- for intermediate-term firm service. The same as LF service except that "intermediate-term" means longer than one year but Less han five years. F- for short-term firm service. Use this category for all firm services where the duration of each period of commitment for service is one year or less. U- for Intermediate-term service from a designated generating unit. "Long-term" means f | | | | | | | |
| me of Company or Public Authority (Footnote Affiliations) | Statistical Classifi- cation | FERC Rate Schedule or Tariff Number | Average Monthly Billing Demand (MW) | Actual Der Average Monthly NCP Demand | mand (MW) Average Monthly CP Demand | | |
| (a) | (b) | (c) | (d) | (e) | (f) | | |
| ord Electric Membership | | | | | | | |
| poration | RQ | 317 | 212 | 270 | 255 | | |
| ford Electric Membership | | | | | | | |
| poration | AD | 317 | | | | | |
| f Dallas | RQ | 328 | 12 | 13 | 12 | | |
| f Dallas | AD | 328 | | | | | |
| f Due West | RQ | 329 | 2 | 3 | 2 | | |
| f Due West f Forest City | AD | 329 | 40 | 22 | 24 | | |
| f Forest City f Forest City | RQ AD | 330 | 18 | 23 | 21 | | |
| f Highlands | RQ | 337 | 8 | 9 | 8 | | |
| f Highlands | AD | 337 | 0 | 9 | 0 | | |
| f Prosperity | RQ | 333 | 2 | 2 | 2 | | |
| f Prosperity | AD | 333 | _ | _ | | | |
| Тесропу | | | | | | | |
| al RQ | | | 0 | 0 | 0 | | |
| al non-RQ | | | 0 | 0 | 0 | | |
| | | | 0 | 0 | 0 | | |
| | 1 | | | 0 | 0 0 | | |

This Report Is:
(1) X An Original
(2) A Resubmission

Date of Report (Mo, Da, Yr) 04/13/2017 Year/Period of Report

End of

2016/Q4

Name of Respondent

Duke Energy Carolinas, LLC

| Name of Respondent | | | eport Is: X An Original | Date of Rep (Mo, Da, Yr) | | Year/Period of Report | |
|--|--|-------------------------|----------------------------|---|-----------------------|--|--|
| Duke | Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of | 2016/Q4 | |
| | | , , , | | | <u>_</u> | | |
| SALES FOR RESALE (Account 447) 1. Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than power exchanges during the year. Do not report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the Purchased Power schedule (Page 326-327). 2. Enter the name of the purchaser in column (a). Do note abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the purchaser. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projected load for this service in its system resource planning). In addition, the reliability of requirements service must be the same as, or second only to, the supplier's service to its own ultimate consumers. 1. F- for tong-term service. "Long-term" means five years or Longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the definition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or setter can unilaterally get out of the contract. 1. F- for intermediate-term firm service. Use this category for all firm services where the duration of each period of commitment for service is one year. 2. F- for short-term firm service from a designated generating unit. "Long-term" means | | | | | | | |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) | Statistica Classifi- | Schedule or N | Average flonthly Billing emand (MW) | Actual Del Average | mand (MW) Average I Monthly CP Demand | |
| 110. | (a) | cation (b) | (c) | (d) | (e) | (f) | |
| 1 | ` ' | RQ | 338 | 8 | 9 | 8 | |
| 2 | Western Carolina University | AD | 338 | | | | |
| 3 | Broad River Energy, LLC | OS | 4 | | | | |
| 4 | Cargill Power Markets, LLC | OS | 4 | | | | |
| 5 | North Carolina Municipal Power Agency 1 | os | 4 | | | | |
| | | os | 4 | | | | |
| 7 | Southern Power Company - Rowan Plant | OS | 4 | | | | |
| 8 | Southern Power Company -Cleveland Plant | os | 4 | | | | |
| 9 | North Carolina Electric Membership | | | | | | |
| 10 | Corporation | os | 273 | | | | |
| 11 | Cargill Power Markets, LLC | os | 5 | | | | |
| 12 | Exelon Generation Company, LLC | os | 5 | | | | |
| 13 | Midcontinent Independent System | | | | | | |
| 14 | Operator, Inc. | OS | 5 | | | | |
| | | | | | | | |
| | Subtotal RQ | | | 0 | 0 | 0 | |
| | Subtotal non-RQ | | | 0 | 0 | 0 | |
| | Total | | | 0 | 0 | 0 | |
| | | | | | | <u> </u> | |
| | | | | | | | |

| | e of Respondent | | Report Is: X An Original | Date of Rep (Mo, Da, Yr) | ١ | Period of Report | |
|--|--|-----------------------------------|------------------------------------|-----------------------------|-------------------------------|---|--|
| Duke | e Energy Carolinas, LLC | (1) | All Original A Resubmission | 04/13/2017 | End o | f <u>2016/Q4</u> | |
| | | 1 ` ′ | LES FOR RESALE (Account 4 | 17) | | | |
| 1. Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than power exchanges during the year. Do not report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the Purchased Power schedule (Page 326-327). 2. Enter the name of the purchaser in column (a). Do note abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the purchaser. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projected load for this service in its system resource planning). In addition, the reliability of requirements service must be the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for tong-term service. "Long-term" means five years or Longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the definition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or setter can unilaterally get out of the contract. IF - for intermediate-term firm service. Use this category for all firm services where the duration of each period of commitment for service is one year or less. LU - for Long-term service from a designated generating unit. "Long-term" means five years or Longer. The availa | | | | | | | |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) | Statistica Classifi- cation | Schedule or Mo Tariff Number De | | Average Monthly NCP Demand | mand (MW) Average Monthly CP Demand | |
| 1 | (a) Midcontinent Independent System | (b) | (c) | (d) | (e) | (f) | |
| 2 | , , | AD | 5 | | | | |
| | ' ' | OS | 5 | | | | |
| 4 | , , , , , , , , , , , , , , , , , , , | os os | 5 | | | | |
| | | AD | 5 | | | | |
| | · | OS | 5 | | | | |
| | , | os os | 294 | | | | |
| | ' ' | AD | 5 | | | | |
| | | OS | 293 | | | | |
| | • | AD | 293 | | | | |
| 11 | · | OS | 3 | | | | |
| | , , | os Os | 5 | | | | |
| | | os Os | 5 | | | | |
| | • • | os Os | 4 | | | | |
| 17 | Drooklied Energy Marketing El | | 7 | | | | |
| | Subtotal RQ | | | 0 | 0 | 0 | |
| | Subtotal non-RQ | | | 0 | 0 | 0 | |
| | Total | | | 0 | 0 | 0 | |
| | | | | | | <u> </u> | |
| | | | | | | | |

| | Name of Respondent | | leport Is: X∏An Original | Date of Repo (Mo, Da, Yr) | | Period of Report | |
|---|---|-------------------------|-----------------------------|------------------------------|---------------------------|---------------------------------------|--|
| Duke | Energy Carolinas, LLC | (1) [| A Resubmission | 04/13/2017 | End of | 2016/Q4 | |
| | | ` ′ | | 47) | <u> </u> | | |
| SALES FOR RESALE (Account 447) 1. Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than power exchanges during the year. Do not report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the Purchased Power schedule (Page 326-327). 2. Enter the name of the purchaser in column (a). Do note abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the purchaser. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projected load for this service in its system resource planning). In addition, the reliability of requirements service must be the same as, or second only to, the supplier's service to its own ultimate consumers. 1F - for tong-term service. "Long-term" means five years or Longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the definition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract. 1F - for intermediate-term firm service. The same as LF service except that "intermediate-term" means longer than one year but Less than five years. 5F - for short-term firm service. Use this category for all firm services where the duration of each period of commitment for service is one year or less. 1U - for intermediate-term service | | | | | | | |
| Line | Name of Company or Public Authority | Statistica Classifi- | | Average onthly Billing | Actual Der | mand (MW) | |
| No. | (Footnote Affiliations) (a) | cation (b) | | emand (MW) M | fonthly NCP Demand (e) | Average I Monthly CP Demand (f) | |
| 1 | Cargill Power Markets, LLC | os | 4 | (*) | (-) | () | |
| 2 | City of Seneca, South Carolina | OS | 4 | | | | |
| 3 | Eagle Energy Partners | OS | 4 | | | | |
| 4 | Energy United Electric Membership Corpn | | | | | | |
| 5 | Corporation | os | 4 | | | | |
| 6 | Exelon Generation Co., LLC | os | 4 | | | | |
| 7 | FPLEMT | OS | 4 | | | | |
| 8 | Lockhart Power Company | os | 4 | | | | |
| 9 | Morgan Stanley Capital Group Inc. | os | 4 | | | | |
| 10 | North Carolina Electric Membership | | | | | | |
| 11 | • | os | 4 | | | | |
| | | os | 4 | | | | |
| | , | os | 4 | | | | |
| 14 | South Carolina Electric & Gas Company | os | 4 | | | | |
| | | | | | | | |
| | Subtotal RQ | | | 0 | 0 | 0 | |
| | Subtotal non-RQ | | | 0 | 0 | 0 | |
| | Total | | | 0 | 0 | 0 | |
| | | | | | | | |
| | | | | | | | |

| | e of Respondent | | Report Is: X An Original | Date of Rep (Mo, Da, Yi | c) | Period of Report | |
|---|---|-----------------------|-------------------------------|----------------------------|-----------|------------------------------|--|
| Duke | Energy Carolinas, LLC | (1) | A Resubmission | 04/13/2017 | | of 2016/Q4 | |
| | | 1 ' ' | | 7) | | | |
| SALES FOR RESALE (Account 447) 1. Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than power exchanges during the year. Do not report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the Purchased Power schedule (Page 326-327). 2. Enter the name of the purchaser in column (a). Do note abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the purchaser. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projected load for this service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projected load for this service is service to its own ultimate consumers. 1F - for tong-term service. "Long-term" means five years or Longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the definition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or setter can unilaterally get out of the contract. 1F - for intermediate-term firm service. Use this category for all firm services where the duration of each period of commitment for service is one year or less. 1F - for short-term firm service from a designated generating unit. "Long-term" means five | | | | | | | |
| | | | - I FERRAL I | | Astrol | Table (AMA) | |
| Line | Name of Company or Public Authority | Statistic Classifi | - Schedule or Mo | Average onthly Billing | Actual De | emand (MW) Average | |
| No. | (Footnote Affiliations) | cation | Tariff Number De | | | Average Monthly CP Demand | |
| 1 | (a) South Carolina Public Service Authority | (b) OS | (c) 4 | (d) | (e) | (f) | |
| 2 | • | 0S 0S | 4 | | | | |
| 3 | , , | 0S | 4 | | | | |
| | 37 | 0S | 4 | | | | |
| | 0,7 | LF | 341 | | | | |
| | 6,7 6 | AD | 341 | | | | |
| $\frac{0}{7}$ | 0, 0 | os | 10 | | | | |
| 8 | Suite Energy Fregress, Inc. | | 10 | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| | | | | | | | |
| | Subtotal RQ | | | 0 | 0 | 0 | |
| | Subtotal non-RQ | | | 0 | 0 | | |
| | • | | | 0 | 0 | | |
| | Total | | | U | <u>_</u> | | |
| | | | | | | | |

| of the service in a footnote. AD - for Out-of-period adjust years. Provide an explanation of the service and explanation of the service, as identified in t | on in a footnote for each act sales together and report the grales may then be listed Last Line of the schedule. The FERC Rate Schedule or not column (b), is provided. The sand any type of-service and in column (d), the averable of the system reaches its not attend on a megawatt basis atten | djustment. Them starting at line number in any order. Enter "Subto Report subtotals and total Fariff Number. On separation of the stage monthly non-coincide atter NA in columns (d), (e) onth. Monthly CP demand nonthly peak. Demand repand explain. The bills rendered to the purchages in column (i), and the total total components of the second on the RQ/Non-fount in column (g) must be subtotal total column (g) must be subtotal total column (g) must be subtotal subtotal column (g) must be subtot | or one. After listing all RQ otal-Non-RQ" in column (a for columns (9) through (k te Lines, List all FERC rate imposed on a monthly (ont peak (NCP) demand in and (f). Monthly NCP der is the metered demand diported in columns (e) and maser. Total of any other types of the amount shown in columns (e) grouping (see instructive reported as Requirement | sales, enter "Subtotal - R) after this Listing. Enter) e schedules or tariffs und r Longer) basis, enter the column (e), and the aver mand is the maximum uring the hour (60-minute (f) must be in megawatts charges, including mn (j). Report in column on 4), and then totaled on s Sales For Resale on Pa | eq" der eage eage (k) |
|--|--|--|--|--|-----------------------|
| 401, line 23. The "Subtotal - 401,iine 24. | - Non-RQ" amount in colum | in (g) must be reported as | Non-Requirements Sales | For Resale on Page | |
| 10. Footnote entries as requ | uired and provide explanati | ons following all required o | data. | | |
| MegaWatt Hours | | REVENUE | | Tatal (ft) | Line |
| Sold | Demand Charges | Energy Charges | Other Charges | Total (\$) (h+i+j) | No. |
| (g) | (\$) (h) | (\$) (i) | (\$) (j) | (k) | |
| (6) | () | ., | U/ | | 1 |
| 1,390,505 | 40,025,390 | 33,118,910 | | 73,144,300 | 2 |
| | | | | | 3 |
| | -721,694 | -592,335 | | -1,314,029 | 4 |
| 2,279,789 | 96,290,191 | 52,742,703 | | 149,032,894 | |
| , , | -992,453 | -717,900 | | -1,710,353 | |
| 962,395 | 32,277,565 | 22,714,752 | | 54,992,317 | |
| | -471,806 | -440,076 | | -911,882 | |
| 153,267 | 3,933,499 | 3,607,937 | | 7,541,436 | 9 |
| | -51,196 | -70,659 | | -121,855 | 10 |
| 310,921 | 10,446,565 | | | 17,639,687 | |
| | -163,818 | -139,412 | | -303,230 | 12 |
| 126,843 | 3,981,207 | 2,934,499 | | 6,915,706 | |
| | -64,417 | -50,017 | | -114,434 | 14 |
| | | | | | |
| 7,605,263 | 280,700,300 | 178,234,326 | 0 | 458,934,626 | |
| 1,476,543 | -2,687,508 | 58,059,711 | 594,647 | 55,966,850 | |
| 9,081,806 | 278,012,792 | 236,294,037 | 594,647 | 514,901,476 | |
| 7,605,263 1,476,543 | -163,818 3,981,207 -64,417 280,700,300 -2,687,508 | 2,934,499 -50,017 178,234,326 58,059,711 | 594,647 | -303,230 6,915,706 -114,434 458,934,626 55,966,850 | |

This Report Is:
(1) X An Original
(2) A Resubmission

SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature

Date of Report (Mo, Da, Yr)

04/13/2017

Year/Period of Report

End of

2016/Q4

Name of Respondent

Duke Energy Carolinas, LLC

| of the service in a footnote. AD - for Out-of-period adjust | ment. Use this code for ar | ny accounting adjustments | or "true-ups" for service p | rovided in prior reporting | |
|--|--|--|--|--|-----------|
| rears. Provide an explanation of the contract of the column (a). The remaining Total in column (a) as the law in Column (b), identify the column service, as identified in the column to the column of | on in a footnote for each ac sales together and report the g sales may then be listed Last Line of the schedule. e FERC Rate Schedule or n column (b), is provided. es and any type of-service | djustment. Inem starting at line numbe in any order. Enter "Subto Report subtotals and total Tariff Number. On separa involving demand charges | r one. After listing all RQ stal-Non-RQ" in column (after columns (9) through (kerten), List all FERC rates imposed on a monthly (or | sales, enter "Subtotal - R after this Listing. Enter) schedules or tariffs und Longer) basis, enter the | Q" ler |
| average monthly billing dem monthly coincident peak (CF demand in column (f). For a metered hourly (60-minute ir integration) in which the sup Footnote any demand not store. Report in column (g) the B. Report demand charges but-of-period adjustments, ir the total charge shown on bit D. The data in column (g) the Last -line of the schedule 101, line 23. The "Subtotal 101, iine 24. | P) Ill other types of service, er ntegration) demand in a more plier's system reaches its reated on a megawatt basis a megawatt hours shown on in column (h), energy charge column (j). Explain in a folls rendered to the purchas rough (k) must be subtotaled. The "Subtotal - RQ" amount in column. | nter NA in columns (d), (e) onth. Monthly CP demand nonthly peak. Demand repand explain. bills rendered to the purchages in column (i), and the totothe all components of the column (b) as the column (c) must be conn (c) must be conn (c) must be reported as | and (f). Monthly NCP dentise the metered demand deported in columns (e) and maser. otal of any other types of othe amount shown in columns (e) grouping (see instruction reported as Requirements Sales | nand is the maximum uring the hour (60-minute of) must be in megawatts charges, including nn (j). Report in column on 4), and then totaled on Sales For Resale on Page 1 | (k) |
| MegaWatt Hours | | REVENUE | | | Line |
| Sold | Demand Charges (\$) (h) | Energy Charges (\$) | Other Charges (\$) | Total (\$) (h+i+j) | No. |
| (g) 321,282 | (n) 6,982,141 | (i) 7,432,832 | (j) | (k) 14,414,973 | 1 |
| 321,202 | -134,763 | -143,048 | | -277,811 | 2 |
| | -134,703 | -143,040 | | -211,011 | 3 |
| 202 572 | 10.004.010 | 0.000.440 | | 22.400.720 | |
| 392,572 | 13,324,612 | 9,082,116 | | 22,406,728 | |
| | 202.222 | 400.000 | | 440.000 | 5 |
| 0.550 | -230,939 | -188,863 | | -419,802 | |
| 8,550 | 1,050,000 | 292,630 | | 1,342,630 | |
| | -11,507 | | | -11,507 | 8 |
| | 10 (-0 10 10 | | | | 9 |
| 408,615 | 16,173,234 | 9,453,291 | | 25,626,525 | |
| | | | | | 11 |
| 07.700 | -256,558 | -165,189 | | -421,747 | 12 |
| 37,723 | 7,814,126 | 872,719 | | 8,686,845 | |
| | 232,394 | 62,109 | | 294,503 | 14 |
| 7.005.000 | 000 700 000 | 470 004 000 | | 450,004,000 | |
| 7,605,263 | 280,700,300 | 178,234,326 | 0 | 458,934,626 | |
| 1,476,543 | -2,687,508 | 58,059,711 | 594,647 | 55,966,850 | |
| 9,081,806 | 278,012,792 | 236,294,037 | 594,647 | 514,901,476 | |
| | -2,687,508 278,012,792 | 58,059,711 236,294,037 | 594,647 594,647 | 55,966,850 514,901,476 | |

This Report Is:
(1) X An Original
(2) A Resubmission

SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature

Date of Report (Mo, Da, Yr)

04/13/2017

Year/Period of Report

End of

2016/Q4

Name of Respondent

Duke Energy Carolinas, LLC

| of the service in a footnote. AD - for Out-of-period adjus: | | | or "true-ups" for service p | rovided in prior reporting | |
|--|---|--|--|---|----------------------|
| rears. Provide an explanation of the total charge shown of the superior of the schedule of the total charge shown of the Last -line of the schedule of the total charge shown of the Last -line of the schedule of the total charge shown of the Last -line of the schedule of the s | sales together and report tog sales may then be listed Last Line of the schedule. The FERC Rate Schedule or in column (b), is provided. The sand any type of-service and in column (d), the average and in a measure of the system reaches its interest on a megawatt basis megawatt hours shown on in column (h), energy chartner column (j). Explain in a full rendered to the purchast rough (k) must be subtotal e. The "Subtotal - RQ" am-Non-RQ" amount in column | hem starting at line numbe in any order. Enter "Subto Report subtotals and total Tariff Number. On separation involving demand charges rage monthly non-coincide onter NA in columns (d), (e) onth. Monthly CP demand monthly peak. Demand repand explain. In bills rendered to the purchages in column (i), and the tootnote all components of the ser. It is a serviced by the purchage of the serviced based on the RQ/Non-fount in column (g) must be mn (g) must be reported as | otal-Non-RQ" in column (a) for columns (9) through (k) te Lines, List all FERC rates imposed on a monthly (or not peak (NCP) demand in and (f). Monthly NCP demand do orted in columns (e) and corted in columns (e) and corted of any other types of content of any other types of any other t | after this Listing. Enter) e schedules or tariffs und Longer) basis, enter the column (e), and the aver mand is the maximum uring the hour (60-minute (f) must be in megawatts charges, including nn (j). Report in column on 4), and then totaled on s Sales For Resale on Pa | der e age e |
| | | REVENUE | | | 1 |
| MegaWatt Hours Sold | Demand Charges | Energy Charges | Other Charges | Total (\$) | Line No. |
| | (\$) (h) | (\$) | (\$) | (h+i+j) | 140. |
| (g) | (h) | (i) | (j) | (k) | 1 |
| 207.704 | 22.22-4-2 | 24 222 | | | |
| 905,521 | 39,067,176 | 21,623,572 | | 60,690,748 | |
| | | | | | 3 |
| | -648,524 | -358,975 | | -1,007,499 | |
| 74,109 | 2,749,876 | 1,757,367 | | 4,507,243 | 5 |
| | -29,634 | -34,505 | | -64,139 | |
| 13,214 | 354,452 | 305,654 | | 660,106 | 7 |
| | -62,402 | -5,726 | | -68,128 | 8 |
| 122,915 | 3,454,277 | 2,903,458 | | 6,357,735 | 9 |
| | -63,565 | -55,950 | | -119,515 | 10 |
| 49,831 | 1,717,884 | 1,201,324 | | 2,919,208 | 11 |
| | -24,164 | -21,456 | | -45,620 | 12 |
| 10,838 | 401,572 | 250,756 | | 652,328 | 13 |
| | -8,805 | -4,263 | | -13,068 | 14 |
| | | | | | |
| 7,605,263 | 280,700,300 | 178,234,326 | 0 | 458,934,626 | |
| 1,476,543 | -2,687,508 | 58,059,711 | 594,647 | 55,966,850 | |
| 9,081,806 | 278,012,792 | 236,294,037 | 594,647 | 514,901,476 | |
| -,, | | | ,*** | ,, | |

This Report Is:
(1) X An Original
(2) A Resubmission

SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature

Date of Report (Mo, Da, Yr)

04/13/2017

Year/Period of Report

End of

2016/Q4

Name of Respondent

| D - for Out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting ears. Provide an explanation in a footnote for each adjustment. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k). In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided. For requirements RQ sales and any type of-service involving demand charges imposed on a monthly (or Longer) basis, enter the verage monthly billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) emand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum netered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. In column (g) the megawatt hours shown on bills rendered to the purchaser. Report demand charges in column (h), energy charges in column (i), and the total of any other types of charges, including ut-of-period adjustments, in column (j). Explain in a footnote all components of the amount shown in column (j). Report in column (k) he total charge shown on bills rendered to the purchaser. The data in column (g) through (k) must be subtotaled based on the RQ/Non-RQ grouping (see instruction 4), and then totaled on he Last-line of the schedule. The "Subtotal - RQ" amount in column (g) must be reported as Requiremen | | | | | | |
|--|----------------|------------------------|-----------------------|-------------|------|--|
| MegaWatt Hours | | REVENUE | | Total (\$) | Line | |
| Sold | Demand Charges | Energy Charges (\$) | Other Charges (\$) | (h+i+j) | No. | |
| (g) | (\$) (h) | (i) | (i) | (k) | | |
| 44,923 | 1,706,533 | 1,039,314 | 9, | 2,745,847 | 1 | |
| | -33,657 | -18,872 | | -52,529 | 2 | |
| 4,175 | | | 381,169 | 381,169 | 3 | |
| 1,457 | | | 26,644 | 26,644 | 4 | |
| 5,307 | | | 1,322 | 1,322 | 5 | |
| 1,272 | | | 2,427 | 2,427 | 6 | |
| 2,836 | | | 118,627 | 118,627 | 7 | |
| 3,132 | | | 70,941 | 70,941 | 8 | |
| 5,152 | | | 70,941 | 70,941 | 9 | |
| 87,665 | | 19,896,558 | | 19,896,558 | | |
| 25,132 | | 1,128,318 | | 1,128,318 | | |
| 604 | | 23,302 | | 23,302 | 12 | |
| 004 | | 25,502 | | 25,302 | 13 | |
| 50 | | 1,634 | | 1,634 | 14 | |
| 30 | | 1,004 | | 1,004 | | |
| 7,605,263 | 280,700,300 | 178,234,326 | 0 | 458,934,626 | | |
| 1,476,543 | -2,687,508 | 58,059,711 | 594,647 | 55,966,850 | | |
| 9,081,806 | 278,012,792 | 236,294,037 | 594,647 | 514,901,476 | | |
| • | | | | | | |

Page 311.3

This Report Is:
(1) X An Original
(2) A Resubmission

SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature

Date of Report (Mo, Da, Yr)

04/13/2017

Year/Period of Report

End of

2016/Q4

Name of Respondent

Duke Energy Carolinas, LLC

FERC FORM NO. 1 (ED. 12-90)

| OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote. AD - for Out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment. 4. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter "Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k). 5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided. 6. For requirements RQ sales and any type of-service involving demand charges imposed on a monthly (or Longer) basis, enter the average monthly coincident peak (CP) demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain. 7. Report in column (g) the megawatt hours shown on bills rendered to the purchaser. 8. Report demand charges in column (h), energy charges in column (i), and the total of any other types of charges, including out-of-period adj | | | | | | |
|--|----------------|---------------------------|---------------|----------------|-------------|--|
| | | DEVEL 115 | | | | |
| MegaWatt Hours Sold | Demand Charges | REVENUE Energy Charges | Other Charges | Total (\$) | Line No. | |
| | (\$) (h) | (\$) (i) | (\$) | (h+i+j) (k) | INO. | |
| (g) | (11) | (1) | (j) | (K) | 1 | |
| | | 96 | | 96 | 2 | |
| 50 | | 1,450 | | 1,450 | 3 | |
| 19,098 | | 691,505 | | 691,505 | 4 | |
| 10,030 | | -77 | | -77 | 5 | |
| 5,000 | | 221,100 | | 221,100 | 6 | |
| 1,940 | | 97,571 | | 97,571 | 7 | |
| .,0.10 | | 1,100 | | 1,100 | 8 | |
| 4,224 | | 152,793 | | 152,793 | 9 | |
| 280 | | 9,707 | | 9,707 | 10 | |
| 6,350 | | 300,850 | | 300,850 | 11 | |
| 4,749 | | 163,276 | | 163,276 | 12 | |
| 606 | | 26,530 | | 26,530 | 13 | |
| | | | -244 | -244 | 14 | |
| | | | | | | |
| 7,605,263 | 280,700,300 | 178,234,326 | 0 | 458,934,626 | | |
| 1,476,543 | -2,687,508 | 58,059,711 | 594,647 | 55,966,850 | | |
| 9,081,806 | 278,012,792 | 236,294,037 | 594,647 | 514,901,476 | | |
| | | | | | | |

Page 311.4

This Report Is:
(1) X An Original
(2) A Resubmission

SALES FOR RESALE (Account 447) (Continued)

Date of Report (Mo, Da, Yr)

04/13/2017

Year/Period of Report

End of

2016/Q4

Name of Respondent

| OS - for other service. use non-firm service regardless | | | | | | | | |
|--|---|------------------------------|----------------------------|--------------------------|------|--|--|--|
| of the service in a footnote. | · | | | • | | | | |
| AD - for Out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment. | | | | | | | | |
| 4. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" | | | | | | | | |
| n column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter | | | | | | | | |
| 'Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k) | | | | | | | | |
| | 5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided. | | | | | | | |
| 6. For requirements RQ sa | | e involving demand charges | s imposed on a monthly (or | Longer) basis, enter the | | | | |
| average monthly billing der monthly coincident peak (C demand in column (f). For | P) | | . , , | | age | | | |
| metered hourly (60-minute | | | | | | | | |
| integration) in which the su | pplier's system reaches its | monthly peak. Demand re | | | | | | |
| Footnote any demand not s | | | | | | | | |
| 7. Report in column (g) the8. Report demand charges | | | | charges, including | | | | |
| out-of-period adjustments, | | | | | (k) | | | |
| the total charge shown on b | | | | | ` | | | |
| 9. The data in column (g) t the Last -line of the schedu | | | | | | | | |
| 401, line 23. The "Subtotal | - Non-RQ" amount in colu | mn (g) must be reported as | S Non-Requirements Sales | For Resale on Page | age | | | |
| 401,iine 24. | | | | J | | | | |
| 10. Footnote entries as rec | quired and provide explana | tions following all required | data. | | | | | |
| | | | | | | | | |
| | | DEVENUE | | | | | | |
| MegaWatt Hours | Demand Charges | REVENUE Energy Charges | Other Charges | Total (\$) | Line | | | |
| Sold | (\$) (h) | (\$) | (\$) | (h+i+j) | No. | | | |
| (g) | (h) | (i) | (j) | (k) | 1 | | | |
| | | | -560 -47 | -560 -47 | 2 | | | |
| | | | -47 | -47 | 3 | | | |
| | | | -12 | -12 | 4 | | | |
| | | | -726 | -726 | | | | |
| | | | -258 | -258 | 6 | | | |
| | | | -42 | -42 | 7 | | | |
| | | | -5 | -5 | 8 | | | |
| | | | -48 | -48 | 9 | | | |
| | | | | | 10 | | | |
| | | | -1,396 | -1,396 | 11 | | | |
| | | | -1,720 | -1,720 | 12 | | | |
| | | | -585 | -585 | 13 | | | |
| | | | -1 | -1 | 14 | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 7,605,263 | 280,700,300 | 178,234,326 | 0 | 458,934,626 | | | | |
| 1,476,543 | -2,687,508 | 58,059,711 | 594,647 | 55,966,850 | | | | |
| 9,081,806 | 278,012,792 | 236,294,037 | 594,647 | 514,901,476 | | | | |
| | | | | | | | | |

This Report Is:
(1) X An Original
(2) A Resubmission

SALES FOR RESALE (Account 447) (Continued)

Date of Report (Mo, Da, Yr)

04/13/2017

Year/Period of Report

End of

2016/Q4

Name of Respondent

| OS - for other service. use non-firm service regardless | | | | | | | | |
|--|---|---------------------------------|------------------------------|----------------------------|------|--|--|--|
| of the service in a footnote. | • | • | | • | | | | |
| AD - for Out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment. | | | | | | | | |
| 4. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" | | | | | | | | |
| in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter | | | | | | | | |
| | "Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k) 5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under | | | | | | | |
| which service, as identified | | Tariπ Number. On separa | te Lines, List all FERC rate | e schedules or tariffs und | er | | | |
| 6. For requirements RQ sa | les and any type of-service | e involving demand charges | imposed on a monthly (or | Longer) basis, enter the | | | | |
| average monthly billing den | | erage monthly non-coincide | nt peak (NCP) demand in | column (e), and the aver | age | | | |
| monthly coincident peak (C demand in column (f). For | | unter NA in columns (d) (e) | and (f) Monthly NCP den | nand is the maximum | | | | |
| metered hourly (60-minute | | | | | , | | | |
| integration) in which the sup | oplier's system reaches its | monthly peak. Demand rep | | | | | | |
| Footnote any demand not s | | | agar. | | | | | |
| 7. Report in column (g) the8. Report demand charges | | | | charges, including | | | | |
| out-of-period adjustments, i | | | | | (k) | | | |
| the total charge shown on b | | | | | | | | |
| 9. The data in column (g) the Last -line of the schedule. | | | | | | | | |
| 401, line 23. The "Subtotal | | | | | age | | | |
| 401,iine 24. | | | • | · · | | | | |
| 10. Footnote entries as req | luired and provide explana | tions following all required of | data. | | | | | |
| | | | | | | | | |
| | | DEVENUE | | | | | | |
| MegaWatt Hours | Demand Charges | REVENUE Energy Charges | Other Charges | Total (\$) | Line | | | |
| Sold | (\$) | (\$) (i) | (\$) | (h+i+j) | No. | | | |
| (g) | (h) | (1) | (j) -399 | (k) -399 | 1 | | | |
| | | | -399 | -399 | 2 | | | |
| | | | -13 | -13 | | | | |
| | | | -35 | -35 | | | | |
| 1,292,759 | | 37,979,781 | | 37,979,781 | 5 | | | |
| -185 | | -49,319 | | -49,319 | 6 | | | |
| 1,492 | | 66,043 | | 66,043 | 7 | | | |
| | | | | | 8 | | | |
| | | | | | 9 | | | |
| | | | | | 10 | | | |
| | | | | | 11 | | | |
| | | | | | 12 | | | |
| | | | | | 13 | | | |
| | | | | | 14 | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 7,605,263 | 280,700,300 | 178,234,326 | 0 | 458,934,626 | | | | |
| 1,476,543 | -2,687,508 | 58,059,711 | 594,647 | 55,966,850 | | | | |
| 9,081,806 | 278,012,792 | 236,294,037 | 594,647 | 514,901,476 | | | | |
| | | | | | | | | |

This Report Is: Date of (Mo, I (2) A Resubmission 04/13

SALES FOR RESALE (Account 447) (Continued)

Date of Report (Mo, Da, Yr) 04/13/2017 Year/Period of Report

End of

2016/Q4

Name of Respondent

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 310.3 Line No.: 3 Column: j

Represents Generation imbalance pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.3 Line No.: 4 Column: j

Represents Generation imbalance pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.3 Line No.: 5 Column: j

Represents Generation imbalance pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.3 Line No.: 6 Column: j

Represents Generation imbalance pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.3 Line No.: 7 Column: j

Represents Generation imbalance pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.3 Line No.: 8 Column: j

Represents Generation imbalance pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.4 Line No.: 14 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 1 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 2 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 3 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 5 Column: i

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 6 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 7 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 8 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 9 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 11 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 12 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 13 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 14 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.6 Line No.: 1 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.6 Line No.: 2 Column: j

FERC FORM NO. 1 (ED. 12-87) Page 450.1

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.6 Line No.: 3 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.6 Line No.: 4 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.6 Line No.: 5 Column: i

Represents intercompany sales pursuant to the Joint Dispatch Agreement between Duke Energy Carolinas, LLC and Duke Energy Progress, Inc.

Schedule Page: 310.6 Line No.: 6 Column: i

Represents intercompany sales pursuant to the Joint Dispatch Agreement between Duke Energy Carolinas, LLC and Duke Energy Progress, Inc.

Schedule Page: 310.6 Line No.: 7 Column: i

Represents intercompany sales pursuant to the VACAR agreement

| Name | e of Respondent | This (1) | Report Is: [X]An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|-------|---|--|---------------------------------------|-----------------------------------|---------------------------------------|
| Duke | Duke Energy Carolinas, LLC | | A Resubmission | 04/13/2017 | End of2016/Q4 |
| | FLEC | (2) | | INTENANCE EXPENSES | |
| f the | amount for previous year is not derived from | | | | |
| ine | Account | · picvi | odory reported rigare | | Amount for |
| No. | (a) | | | Amount for Current Year (b) | Amount for Previous Year (c) |
| | 1. POWER PRODUCTION EXPENSES | | | (<i>b</i>) | (6) |
| | A. Steam Power Generation | | | | |
| | Operation | | | | |
| | | | | 17,295 | 5,745 23,847,208 |
| | , , , | | | 861,230 | |
| 6 | (502) Steam Expenses | | | 54,304 | |
| 7 | (503) Steam from Other Sources | | | | |
| 8 | (Less) (504) Steam Transferred-Cr. | | | | |
| 9 | (505) Electric Expenses | | | 7,52 | 1,429 6,018,645 |
| 10 | (, | | | 22,704 | 4,887 24,524,635 |
| 11 | (507) Rents | | | | |
| | (509) Allowances | | | 13,560 | <u> </u> |
| | TOTAL Operation (Enter Total of Lines 4 thru 12) |) | | 976,618 | 8,152 1,049,762,835 |
| | Maintenance | | | 44.406 | 0.000 |
| | (510) Maintenance Supervision and Engineering (511) Maintenance of Structures | | | 14,106 | |
| | (512) Maintenance of Boiler Plant | | | 47,947 | |
| | (513) Maintenance of Electric Plant | | | 28,673 | · · · · · · · · · · · · · · · · · · · |
| _ | (514) Maintenance of Miscellaneous Steam Plant | | | | 9,705 5,770,085 |
| | TOTAL Maintenance (Enter Total of Lines 15 thru | | | 106,722 | |
| | TOTAL Power Production Expenses-Steam Power | | Tot lines 13 & 20) | 1,083,340 | |
| | B. Nuclear Power Generation | | · · · · · · · · · · · · · · · · · · · | | |
| 23 | Operation | | | | |
| | (517) Operation Supervision and Engineering | | | 42,426 | 7 7 |
| | (518) Fuel | | | 294,289 | |
| | (519) Coolants and Water | | | · · | 2,855 9,366,667 |
| | , , | | | 54,191 | 1,543 54,976,945 |
| | (521) Steam from Other Sources | | | | |
| | , , , , | | | 0.1.10 | 0.40 |
| | ` ' ' | | | 21,403 | · · · · · · |
| | (524) Miscellaneous Nuclear Power Expenses (525) Rents | | | 195,974 | 4,619 185,288,676 |
| | TOTAL Operation (Enter Total of lines 24 thru 32 | <u></u> | | 617.697 | 7,746 608,195,053 |
| | Maintenance | <u>) </u> | | 017,007 | 7,740 |
| | (528) Maintenance Supervision and Engineering | | | 80,760 | 0,772 90,106,707 |
| | (529) Maintenance of Structures | | | 15,462 | |
| 37 | (530) Maintenance of Reactor Plant Equipment | , | | 100,785 | |
| 38 | (531) Maintenance of Electric Plant | | | 68,365 | 5,994 64,981,619 |
| 39 | (532) Maintenance of Miscellaneous Nuclear Plan | nt | | 46,920 | 0,650 49,525,794 |
| | TOTAL Maintenance (Enter Total of lines 35 thru | | | 312,295 | |
| | TOTAL Power Production Expenses-Nuc. Power | (Entr to | ot lines 33 & 40) | 929,993 | 3,310 929,257,336 |
| | C. Hydraulic Power Generation | | | | |
| | Operation | | | | |
| | (535) Operation Supervision and Engineering | | | 7,775 | 5,296 7,280,313 |
| | (536) Water for Power | | | 200 | -1 |
| | (537) Hydraulic Expenses (538) Electric Expenses | | | | 3,973 -153,057 |
| | (539) Miscellaneous Hydraulic Power Generation | Evnor | 1000 | | 1,931 5,048,729 9,044 7,921,747 |
| | (540) Rents | Lxpen | .505 | 0,438 | 7,921,747 |
| | TOTAL Operation (Enter Total of Lines 44 thru 49 | 9) | | 20,822 | 2,298 20,097,731 |
| | C. Hydraulic Power Generation (Continued) | | | | |
| | Maintenance | | | | |
| | (541) Mainentance Supervision and Engineering | | | 2,646 | 6,565 2,303,569 |
| 54 | (542) Maintenance of Structures | | | 2,360 | 0,326 1,712,227 |
| 55 | (543) Maintenance of Reservoirs, Dams, and Wa | terway | s | 3,913 | 3,813 4,159,293 |
| 56 | (544) Maintenance of Electric Plant | | | 7,055 | 5,932 7,813,561 |
| 57 | (545) Maintenance of Miscellaneous Hydraulic Pl | ant | | | 9,779 3,648,675 |
| | TOTAL Maintenance (Enter Total of lines 53 thru | | | 20,466 | |
| 59 | TOTAL Power Production Expenses-Hydraulic Po | ower (to | ot of lines 50 & 58) | 41,288 | 8,713 39,735,056 |
| | | | | | |
| | | | | | |

| Name | e of Respondent | This Report Is: | iginal | Date of Report | Year/Period of Report | |
|----------------------------|---|--------------------------------------|----------------------|----------------------------|---------------------------------------|--|
| Duke Energy Carolinas, LLC | | (1) X An Original (2) A Resubmission | | (Mo, Da, Yr) 04/13/2017 | End of2016/Q4 | |
| | FLECTRIC | ı · · | | | | |
| I£ Al. | | | | XPENSES (Continued) | | |
| _ | amount for previous year is not derived from | n previously rep | orted figures, expla | | | |
| _ine | Account | | | Amount for Current Year | Amount for Previous Year | |
| No. | (a) | | | (b) | (c) | |
| 60 | D. Other Power Generation | | | | | |
| 61 | Operation | | | | | |
| 62 | (546) Operation Supervision and Engineering | | | 5,773, | 267 5,734,509 | |
| 63 | (547) Fuel | | | 306,632, | 815 340,616,304 | |
| 64 | (548) Generation Expenses | | | 1,799, | 411 2,004,215 | |
| 65 | (549) Miscellaneous Other Power Generation Exp | penses | | 8,867, | 308 8,199,670 | |
| 66 | (550) Rents | | | -92, | 924 30,617 | |
| 67 | TOTAL Operation (Enter Total of lines 62 thru 66 |) | | 322,979, | 877 356,585,315 | |
| 68 | Maintenance | | | | | |
| 69 | (551) Maintenance Supervision and Engineering | | | 2,309, | 143 2,691,657 | |
| 70 | (552) Maintenance of Structures | | | 7,254, | 035 7,043,109 | |
| 71 | (553) Maintenance of Generating and Electric Pla | ant | | 8,001, | 357 13,634,079 | |
| 72 | (554) Maintenance of Miscellaneous Other Powe | r Generation Plai | nt | 5,300, | 975 4,137,954 | |
| 73 | TOTAL Maintenance (Enter Total of lines 69 thru | 72) | | 22,865, | 510 27,506,799 | |
| 74 | TOTAL Power Production Expenses-Other Powe | r (Enter Tot of 67 | 7 & 73) | 345,845, | 387 384,092,114 | |
| | E. Other Power Supply Expenses | , | , | | | |
| | (555) Purchased Power | | | 333,120, | 270 322,982,691 | |
| | (556) System Control and Load Dispatching | | | | 913 38,003 | |
| | (557) Other Expenses | | | 157,170, | • | |
| | TOTAL Other Power Supply Exp (Enter Total of li | ines 76 thru 78) | | 490,374, | | |
| | TOTAL Power Production Expenses (Total of line | | £ 70) | 2,890,842, | | |
| | TRANSMISSION EXPENSES | 53 21, 41, 53, 74 | Q 13) | 2,030,042, | 2,910,332,314 | |
| 82 | | | | | | |
| 83 | (560) Operation Supervision and Engineering | | | 7 | 346 63,519 | |
| 84 | (500) Operation Supervision and Engineering | | | -7, | 346 03,519 | |
| _ | (FG1 1) Load Dispotab Deliability | | | 1.044 | F60 1 017 777 | |
| 85 | , , , | amaia aia m. Culata ma | | 1,044, | , , | |
| 86 | , , , | | 1 | 9,694, | | |
| 87 | (561.3) Load Dispatch-Transmission Service and | | | 788, | • | |
| 88 | (561.4) Scheduling, System Control and Dispatch | | | | 992 2,889 | |
| 89 | (561.5) Reliability, Planning and Standards Devel | lopment | | 237, | · · · · · · · · · · · · · · · · · · · | |
| 90 | (561.6) Transmission Service Studies | | | | 831 263,928 | |
| 91 | (561.7) Generation Interconnection Studies | | | 118, | · · | |
| 92 | , , | lopment Services | 5 | | 5,774 | |
| 93 | , , | | | 2,323, | | |
| 94 | (563) Overhead Lines Expenses | | | 952, | 854 916,805 | |
| 95 | (564) Underground Lines Expenses | | | | | |
| 96 | (565) Transmission of Electricity by Others | | | 4,530, | 988 2,779,873 | |
| 97 | (566) Miscellaneous Transmission Expenses | | | 8,179, | 748 6,756,229 | |
| 98 | (567) Rents | | | 132, | 588 25,543 | |
| 99 | TOTAL Operation (Enter Total of lines 83 thru 98 | 3) | | 28,004, | 174 24,319,845 | |
| 100 | Maintenance | | | | | |
| 101 | (568) Maintenance Supervision and Engineering | | | 7, | 607 43,112 | |
| 102 | (569) Maintenance of Structures | | | 160, | 432 981,643 | |
| 103 | (569.1) Maintenance of Computer Hardware | | | 143, | | |
| 104 | (569.2) Maintenance of Computer Software | | | 2,935, | | |
| | (569.3) Maintenance of Communication Equipme | ent | | | 060 92,773 | |
| | (569.4) Maintenance of Miscellaneous Regional | | int | - | · | |
| | (570) Maintenance of Station Equipment | | | 7,971, | 145 8,274,328 | |
| | (571) Maintenance of Overhead Lines | | | 18,032, | - - | |
| | (572) Maintenance of Underground Lines | | | · · · · | 315 -196 | |
| | (573) Maintenance of Miscellaneous Transmissio | n Plant | | | 539 63,467 | |
| | TOTAL Maintenance (Total of lines 101 thru 110) | | | 29,312, | | |
| | TOTAL Transmission Expenses (Total of lines 99 | | | 57,316, | | |
| 112 | TOTAL Transmission Expenses (Total of lines 55 | and III) | | 37,010, | 7700 07,407,244 | |
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| Name | e of Respondent | This (1) | Report Is: | | Date of Report | , | Year/Period of Report | |
|-------------|---|----------|-------------------------------|---------------|----------------------------|---------------|---------------------------------------|--|
| Duke | Duke Energy Carolinas, LLC | | X An Original ☐ A Resubmissi | on | (Mo, Da, Yr) 04/13/2017 | | End of2016/Q4 | |
| | ELECTRIC | (2) | | | | ь | | |
| If the c | | | | | XPENSES (Continued) | | | |
| | amount for previous year is not derived from | ı previ | ously reported i | igures, expia | | — | A management for a | |
| Line No. | Account | | | | Amount for Current Year | | Amount for Previous Year | |
| | (a) | | | | (b) | | (c) | |
| 113 | 3. REGIONAL MARKET EXPENSES | | | | | | | |
| | Operation | | | | | ببلا | | |
| | (575.1) Operation Supervision | | | | | \rightarrow | | |
| | (575.2) Day-Ahead and Real-Time Market Facilita | ation | | | | | | |
| | (575.3) Transmission Rights Market Facilitation | | | | | | | |
| 118 | (575.4) Capacity Market Facilitation | | | | | | | |
| 119 | (575.5) Ancillary Services Market Facilitation | | | | | | | |
| 120 | (575.6) Market Monitoring and Compliance | | | | | | | |
| 121 | (575.7) Market Facilitation, Monitoring and Comp | liance | Services | | | | | |
| 122 | (575.8) Rents | | | | | | | |
| 123 | Total Operation (Lines 115 thru 122) | | | | | | | |
| 124 | Maintenance | | | | | | | |
| 125 | (576.1) Maintenance of Structures and Improvem | ents | | | | П | | |
| 126 | (576.2) Maintenance of Computer Hardware | | | | | | | |
| 127 | (576.3) Maintenance of Computer Software | | | | | | | |
| 128 | (576.4) Maintenance of Communication Equipme | nt | | | | | | |
| 129 | (576.5) Maintenance of Miscellaneous Market Op | eration | Plant | | | | | |
| | Total Maintenance (Lines 125 thru 129) | | | | | | | |
| | TOTAL Regional Transmission and Market Op Ex | kpns (T | otal 123 and 130) | , | | | | |
| | 4. DISTRIBUTION EXPENSES | | , | | | | | |
| 133 | Operation | | | | | | | |
| | (580) Operation Supervision and Engineering | | | | 982. | 737 | 1,845,576 | |
| | (581) Load Dispatching | | | | 8,618, | | 2,846,342 | |
| | (582) Station Expenses | | | | 1,995, | | 1,887,902 | |
| | (583) Overhead Line Expenses | | | | 2,686, | _ | 3,917,612 | |
| | (584) Underground Line Expenses | | | | 10,949, | | 9,886,777 | |
| | (585) Street Lighting and Signal System Expense | s | | | 1,029, | - | 1,081,364 | |
| | (586) Meter Expenses | | | | 9,439, | _ | 11,456,962 | |
| | (587) Customer Installations Expenses | | | | 11,063, | | 10,585,958 | |
| | (588) Miscellaneous Expenses | | | | 43,050, | _ | 38,525,089 | |
| | (589) Rents | | | | 170, | _ | 105,313 | |
| | TOTAL Operation (Enter Total of lines 134 thru 1- | 13) | | | 89,987. | _ | 82,138,895 | |
| | Maintenance | +3) | | | 09,907, | 034 | 82,136,693 | |
| _ | (590) Maintenance Supervision and Engineering | | | | 239, | 167 | 5,815,639 | |
| | (591) Maintenance of Structures | | | | | 463 | 5,615,039 | |
| | (592) Maintenance of Station Equipment | | | | 3,937, | | 4,880,477 | |
| | (593) Maintenance of Overhead Lines | | | | 156,188, | _ | 129,524,582 | |
| | , | | | | | | | |
| | (594) Maintenance of Underground Lines | | | | 5,298, | | 7,227,941 | |
| | (595) Maintenance of Line Transformers | | | | 2,082, | | 2,655,136 | |
| | (596) Maintenance of Street Lighting and Signal S | system | S | | 4,066, | | 3,524,009 | |
| | (597) Maintenance of Meters | Dlest | | | 2,513, | - | 2,498,465 | |
| | (598) Maintenance of Miscellaneous Distribution | | | | 6,443, | | 6,491,513 | |
| | TOTAL Maintenance (Total of lines 146 thru 154) | | E\ | | 180,772, | _ | 162,617,762 | |
| | TOTAL Distribution Expenses (Total of lines 144 | and 15 | ວ) | | 270,759, | 92/ | 244,756,657 | |
| | 5. CUSTOMER ACCOUNTS EXPENSES | | | | | | | |
| | Operation (2011) Operation | | | | 000 | 040 | 050.040 | |
| | (901) Supervision | | | | 383, | _ | 256,646 | |
| | (902) Meter Reading Expenses | _ | | | 3,840, | | 4,044,541 | |
| | (903) Customer Records and Collection Expense | S | | | 66,250, | _ | 60,958,546 | |
| | (904) Uncollectible Accounts | | | | 12,554, | | 15,714,276 | |
| | (905) Miscellaneous Customer Accounts Expense | | 2.11 1.22 | | 477, | _ | 524,574 | |
| 164 | TOTAL Customer Accounts Expenses (Total of lin | nes 15 | 9 thru 163) | | 83,506, | 402 | 81,498,583 | |
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| Name of Respondent | | This Report Is: | | (Mo Da Vr) | | Year/Period of Report | |
|----------------------------|--|-----------------|---------------------------------------|----------------|----------------------------|-----------------------|-----------------------------|
| Duke Energy Carolinas, LLC | | (1) | An Original A Resubmiss | sion | (Mo, Da, Yr) 04/13/2017 | E | End of |
| | EI ECTDIC | ` ′ | | | XPENSES (Continued) | Ь | |
| If the | amount for previous year is not derived fron | | | | | | |
| Line | Account | i piev | lously reported | ilgures, expla | | | Amount for |
| No. | | | | | Amount for Current Year | | Amount for Previous Year |
| | (a) | | | | (b) | | (c) |
| | 6. CUSTOMER SERVICE AND INFORMATIONA | L EXP | ENSES | | | | |
| | Operation | | | | | _ | |
| | (907) Supervision | | | | | | |
| | (908) Customer Assistance Expenses | | | | | ,925 | -2,107 |
| | (909) Informational and Instructional Expenses | | | | | ,698 | 177,370 |
| | (910) Miscellaneous Customer Service and Information | | | | 20,414 | | 19,090,899 |
| | TOTAL Customer Service and Information Exper | ises (T | otal 167 thru 170 |) | 20,609 | ,794 | 19,266,162 |
| | 7. SALES EXPENSES | | | | | | |
| | Operation | | | | | | |
| | (911) Supervision | | | | | | |
| | (912) Demonstrating and Selling Expenses | | | | 9,509 | | 8,505,555 |
| | (913) Advertising Expenses | | | | 844 | ,907 | 737,495 |
| | (916) Miscellaneous Sales Expenses | | | | | | |
| | TOTAL Sales Expenses (Enter Total of lines 174 | | 77) | | 10,354 | ,669 | 9,243,050 |
| | 8. ADMINISTRATIVE AND GENERAL EXPENSE | S | | | | | |
| | Operation | | | | | | |
| | (920) Administrative and General Salaries | | | | 178,166 | | 205,557,865 |
| | (921) Office Supplies and Expenses | | | | 74,651 | ,424 | 81,650,950 |
| 183 | (Less) (922) Administrative Expenses Transferre | d-Cred | it | | 45,576 | ,833 | 47,004,683 |
| 184 | (923) Outside Services Employed | | | | 68,015 | ,112 | 97,907,055 |
| 185 | (924) Property Insurance | | | | 19,725 | ,087 | 20,268,167 |
| 186 | (925) Injuries and Damages | | | | 46,034 | ,933 | 26,542,025 |
| 187 | (926) Employee Pensions and Benefits | | | | 141,456 | ,621 | 135,560,994 |
| 188 | (927) Franchise Requirements | | | | | | |
| 189 | (928) Regulatory Commission Expenses | | | | 12,084 | ,698 | 13,143,984 |
| 190 | (929) (Less) Duplicate Charges-Cr. | | | | 26,136 | ,284 | 24,107,462 |
| 191 | (930.1) General Advertising Expenses | | | | 3,532 | ,922 | 3,971,609 |
| | (930.2) Miscellaneous General Expenses | | | | -34,884 | ,222 | -33,935,489 |
| 193 | (931) Rents | | | | 51,520 | .771 | 49,924,699 |
| | TOTAL Operation (Enter Total of lines 181 thru | 193) | | | 488,590 | | 529,479,714 |
| | Maintenance | / | | | | | , -, |
| | (935) Maintenance of General Plant | | | | 2,504 | .832 | 3,161,806 |
| | TOTAL Administrative & General Expenses (Total | al of line | es 194 and 196) | | 491.095 | | 532,641,520 |
| | TOTAL Elec Op and Maint Expns (Total 80,112,1 | | | | 3,824,485 | .886 | 3,915,145,590 |
| | , | , - | · · · · · · · · · · · · · · · · · · · | , | -,- , | | -77 |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 320 Line No.: 5 Column: b

Amount reflects (\$601,902) of merger-related fuel synergies not allocated by plant.

Schedule Page: 320 Line No.: 6 Column: b

Amount reflects \$360,676 of merger-related reagent synergies not allocated by plant.

Schedule Page: 320 Line No.: 12 Column: b

This includes \$13,523,564 for renewable energy credits consumption expense represented in account 0509213. It also includes \$6,372 of Emission Allowances in account 0509000 as reported on page 228a.

Schedule Page: 320 Line No.: 63 Column: b

Amount reflects \$5,863,197 of merger-related gas capacity synergies not allocated by plant.

Schedule Page: 320 Line No.: 197 Column: b

Applicable to formula rates approved in FERC proceedings listed on page 106: Administrative and general expenses allocable to production exclude EPRI dues.

| | e of Respondent | | port Is:]An Original | Date of Report (Mo, Da, Yr) | Year/F | Period of Report |
|---|---|--|---|--|--------------------------------|--|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of | f 2016/Q4 |
| | | PURC | HASED POWER (Account 55 cluding power exchanges) | 55) | | |
| debi 2. E acro | eport all power purchases made during the s and credits for energy, capacity, etc.) and nter the name of the seller or other party in nyms. Explain in a footnote any ownership a column (b), enter a Statistical Classification | year. Als d any settle an excha | oreport exchanges of electoric for imbalanced except the column or affiliation the respondent | ctricity (i.e., transaction changes. (a). Do not abbreviat has with the seller. | e or truncate | the name or use |
| supp | for requirements service. Requirements s lier includes projects load for this service in ame as, or second only to, the supplier's se | n its syster | n resource planning). In a | ddition, the reliability | | |
| ecor ener whic | for long-term firm service. "Long-term" meaning reasons and is intended to remain religy from third parties to maintain deliveries of the meets the definition of RQ service. For a feed as the earliest date that either buyer or | liable ever of LF servi Ill transacti | n under adverse conditions ce). This category should ion identified as LF, provid | (e.g., the supplier mu not be used for long- e in a footnote the ter | ist attempt to erm firm ser | buy emergency vice firm service |
| | or intermediate-term firm service. The sam five years. | ne as LF s | ervice expect that "interme | diate-term" means lo | nger than on | e year but less |
| | for short-term service. Use this category for less. | or all firm s | services, where the duration | n of each period of co | ommitment fo | or service is one |
| | for long-term service from a designated ge ce, aside from transmission constraints, mu | | | | | and reliability of |
| long EX - | for intermediate-term service from a design er than one year but less than five years. For exchanges of electricity. Use this cate | gory for tr | | | | |
| | | | | | | 3,7, ,7, |
| OS - non- | any settlements for imbalanced exchanges for other service. Use this category only for service regardless of the Length of the e service in a footnote for each adjustment. | or those se contract a | • | | • | ies, such as all |
| OS - non- of th | for other service. Use this category only for service regardless of the Length of the e service in a footnote for each adjustment. | or those se contract a | and service from designate | d units of Less than o | ne year. De | ies, such as all scribe the nature |
| OS - non- of th | for other service. Use this category only for service regardless of the Length of the e service in a footnote for each adjustment. Name of Company or Public Authority | or those se contract a Statistical Classifi- | FERC Rate Schedule or | Average onthly Billing A | Actual Der | ies, such as all scribe the nature mand (MW) |
| OS - non- of th | for other service. Use this category only for service regardless of the Length of the e service in a footnote for each adjustment. | or those se contract a | FERC Rate Schedule or | Average onthly Billing mand (MW) | Actual Der | ies, such as all scribe the nature |
| OS - non- of th Line No. | for other service. Use this category only for service regardless of the Length of the e service in a footnote for each adjustment. Name of Company or Public Authority (Footnote Affiliations) (a) | or those se contract a Statistical Classification | FERC Rate Schedule or Tariff Number (c) | Average onthly Billing A | Actual Derverage NCP Demand | ies, such as all scribe the nature mand (MW) Average Monthly CP Demand |
| OS - non- of th Line No. | for other service. Use this category only for service regardless of the Length of the eservice in a footnote for each adjustment. Name of Company or Public Authority (Footnote Affiliations) (a) ABT INC | or those se contract a contract a Classification (b) | FERC Rate Schedule or Tariff Number (c) (1) | Average onthly Billing mand (MW) | Actual Derverage NCP Demand | ies, such as all scribe the nature mand (MW) Average Monthly CP Demand |
| OS - non- of th Line No. | for other service. Use this category only for firm service regardless of the Length of the e service in a footnote for each adjustment. Name of Company or Public Authority (Footnote Affiliations) (a) ABT INC ACTIVE CONCEPTS LLC | or those se contract a | FERC Rate Schedule or Tariff Number (c) (1) | Average onthly Billing mand (MW) | Actual Derverage NCP Demand | ies, such as all scribe the nature mand (MW) Average Monthly CP Demand |
| OS - non- of th Line No. | for other service. Use this category only for service regardless of the Length of the e service in a footnote for each adjustment. Name of Company or Public Authority (Footnote Affiliations) (a) ABT INC ACTIVE CONCEPTS LLC ADVANTAGE INVESTMENT GROUP, LLC | or those section contract a contr | FERC Rate Schedule or Tariff Number (c) (1) (1) | Average onthly Billing mand (MW) | Actual Derverage NCP Demand | ies, such as all scribe the nature mand (MW) Average Monthly CP Demand |
| OS - non- of th Line No. | for other service. Use this category only for firm service regardless of the Length of the e service in a footnote for each adjustment. Name of Company or Public Authority (Footnote Affiliations) (a) ABT INC ACTIVE CONCEPTS LLC ADVANTAGE INVESTMENT GROUP, LLC AKS REAL ESTATE HOLDINGS LLC | Statistical Classification (b) LU LU LU | FERC Rate Schedule or Tariff Number (c) (1) (1) (1) | Average onthly Billing mand (MW) | Actual Derverage NCP Demand | ies, such as all scribe the nature mand (MW) Average Monthly CP Demand |
| OS - non- of th Line No. 1 2 3 4 5 | for other service. Use this category only for service regardless of the Length of the e service in a footnote for each adjustment. Name of Company or Public Authority (Footnote Affiliations) (a) ABT INC ACTIVE CONCEPTS LLC ADVANTAGE INVESTMENT GROUP, LLC AKS REAL ESTATE HOLDINGS LLC ALAMANCE HYDRO, LLC | or those section contract and c | FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) | Average onthly Billing mand (MW) | Actual Derverage NCP Demand | ies, such as all scribe the nature mand (MW) Average Monthly CP Demand |
| OS - non- of th Line No. 1 2 3 4 5 | for other service. Use this category only for firm service regardless of the Length of the e service in a footnote for each adjustment. Name of Company or Public Authority (Footnote Affiliations) (a) ABT INC ACTIVE CONCEPTS LLC ADVANTAGE INVESTMENT GROUP, LLC AKS REAL ESTATE HOLDINGS LLC ALAMANCE HYDRO, LLC ALL-STATES MEDICAL SUPPLY INC. | Statistical Classification (b) LU LU LU LU LU | FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) | Average onthly Billing mand (MW) | Actual Derverage NCP Demand | ies, such as all scribe the nature mand (MW) Average Monthly CP Demand |
| OS - non-of th Line No. 1 | for other service. Use this category only for firm service regardless of the Length of the e service in a footnote for each adjustment. Name of Company or Public Authority (Footnote Affiliations) (a) ABT INC ACTIVE CONCEPTS LLC ADVANTAGE INVESTMENT GROUP, LLC AKS REAL ESTATE HOLDINGS LLC ALAMANCE HYDRO, LLC ALL-STATES MEDICAL SUPPLY INC. AMELIA M COLLINS | or those section contract and c | FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) | Average onthly Billing mand (MW) | Actual Derverage NCP Demand | ies, such as all scribe the nature mand (MW) Average Monthly CP Demand |
| OS - non-of th Line No. 1 2 3 4 5 6 7 8 | for other service. Use this category only for firm service regardless of the Length of the e service in a footnote for each adjustment. Name of Company or Public Authority (Footnote Affiliations) (a) ABT INC ACTIVE CONCEPTS LLC ADVANTAGE INVESTMENT GROUP, LLC AKS REAL ESTATE HOLDINGS LLC ALAMANCE HYDRO, LLC ALL-STATES MEDICAL SUPPLY INC. AMELIA M COLLINS AMETHYST SOLAR, LLC | Statistical Classification (b) LU | FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) | Average onthly Billing mand (MW) | Actual Derverage NCP Demand | ies, such as all scribe the nature mand (MW) Average Monthly CP Demand |
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| 2) A Resubmission O4/13/2017 Elid of D4/13/2017 Elid of D4/13/2017 Elid of D4/13/2017 O4/13/2017 O4/13/201 | | e of Respondent | This Re | An Original | Date of F (Mo, Da, | | | Period of Report |
|--|---|---|---|---|---|--|---|--|
| 1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges. 2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a foothord any ownership interest or affiliation the respondent has with the seller. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RC - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier requirements service is the service which the supplier plans to provide on an ongoing basis (i.e., the supplier requirement service must be the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service firm service which meets the definition of RQ service. For all transaction identified as LF, provide in a foothort the termination date of the contract defined as the earliest date that either buyer or seller can unlaterally get out of the contract. IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years. SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less. UL - for intermediate-term firm service from a designated generating unit. "Long-term" means five years or longer. The availability | Duke | e Energy Carolinas, LLC | - 1 i a i | _ ~ | | | End of | 2016/Q4 |
| 1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges. 2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a foothord any ownership interest or affiliation the respondent has with the seller. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RC - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier requirement service must be the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service firm service which meets the definition of RG service. For all transaction identified as LF, provide in a foothorte the termination date of the contract defined as the earliest date that either buyer or seller can unlaterally get out of the contract. IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years. SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less. UL - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability | | | PURC | HASED POWER (Accou | nt 555) | | ! | |
| supplier includes projects load for this service in its system resource planning). In addition, the reliability of requirement service must be the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service which meets the definition of RQ service. For all transaction identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unilaterally get out of the contract. IF - for informediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years. SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less. LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. IU - for intermediate-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years. EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges. SA - for | debi 2. E acro | ts and credits for energy, capacity, etc.) and nter the name of the seller or other party in nyms. Explain in a footnote any ownership | year. Als d any settl an excha interest o | oreport exchanges of ements for imbalanced nge transaction in colu r affiliation the respond | electricity (i.e., t exchanges. nn (a). Do not ent has with the | abbreviate o | or truncate | the name or use |
| economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to by uperagency energy from third parties to maintain deliveries of LF service.) This category should not be used for long-term firm service firm service which meets the definition of RO service. For all transaction identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unilaterally get out of the contract. IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years. SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less. LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years. EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges. OS - for other service. Use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote for each adjustment. Line Name of Company or Public Authority Average Monthly DPD Demand (MW) Average Monthly DPD Demand (MW) Average Average Monthly DPD Demand Monthly CPD Demand Average A | supp | lier includes projects load for this service in | its syster | m resource planning). | n addition, the i | | | |
| than five years. SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less. LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years. EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges. OS - for other service. Use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote for each adjustment. Line Name of Company or Public Authority (Footnote Affiliations) (FERC Rate Schedule or Tariff Number October Monthly Piling Demand (NWV) Average Monthly NGP Demand (NWV) Average Monthly NGP Demand Monthly CP De | ecor ener whic | nomic reasons and is intended to remain rel gy from third parties to maintain deliveries on the meets the definition of RQ service. For a | iable ever of LF servi II transact | n under adverse conditice). This category sho ion identified as LF, pro | ons (e.g., the sull used ovide in a footno | upplier must for long-ter | attempt to m firm ser | buy emergency vice firm service |
| year or less. LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years. EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges. OS - for other service. Use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote for each adjustment. Line No. Name of Company or Public Authority (Footnote Affiliations) (a) (b) Statistical Classification (c) (c) Average Monthly Billing Demand (MW) Average Monthly NCP Demand Monthly CP Demand Monthly NCP De | | | ie as LF s | ervice expect that "inte | rmediate-term" | means longe | er than one | e year but less |
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| Nam | e of Respondent | This Re | eport Is: (]An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
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| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of |
| | | PURC | CHASED POWER (Account 5 cluding power exchanges) | 55) | |
| debi 2. E acro | eport all power purchases made during the is and credits for energy, capacity, etc.) and nter the name of the seller or other party in nyms. Explain in a footnote any ownership column (b), enter a Statistical Classification | year. Als any settl an excha interest o | so report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the responden | ectricity (i.e., transaction changes. (a). Do not abbreviate thas with the seller. | e or truncate the name or use |
| supp | for requirements service. Requirements service in for includes projects load for this service in fame as, or second only to, the supplier's service in fame as, or second only to, the supplier's service. | its syster | m resource planning). In a | addition, the reliability | |
| ecor ener whic | for long-term firm service. "Long-term" mea nomic reasons and is intended to remain reli gy from third parties to maintain deliveries o h meets the definition of RQ service. For al ned as the earliest date that either buyer or s | able ever of LF serv I transact | n under adverse condition: ice). This category should ion identified as LF, provid | s (e.g., the supplier mu I not be used for long- de in a footnote the ter | erm firm service firm service |
| | for intermediate-term firm service. The same five years. | e as LF s | ervice expect that "interm | ediate-term" means lo | nger than one year but less |
| | for short-term service. Use this category fo or less. | r all firm | services, where the duration | on of each period of co | mmitment for service is one |
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| Line | Name of Company or Public Authority | Statistical | FERC Rate | Average | Actual Demand (MW) |
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| 1 | ` ' | U | (1) | () | |
| 2 | BARRY BINGHAM L | _U | (1) | | |
| 3 | BARRY R WHARTON | | (1) | | |
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| | Total | | | | |

| 2 Resubmission 04/3/2017 End of 25/10-44 | Nam | e of Respondent | This Re | An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|--|--|---|---|--|---|--|
| 1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of detablis and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges. 2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a foothold any ownership interest or affiliation the respondent has with the seller. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier reports) and the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service.) This category should not be used for long-term firm service which meets the definition of RO service. For all transaction identified as LF, provide in a foothorte the termination date of the contract defined as the cardiest date that either buyer or seller can unilaterally get out of the contract. IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years. SF - for short-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. U for intermediate-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from | Duke | e Energy Carolinas, LLC | - 1 i: 🛏 | _ | | End of2016/Q4 |
| 1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of detablis and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges. 2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a foothold any ownership interest or affiliation the respondent has with the seller. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier reports) and the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service.) This category should not be used for long-term firm service which meets the definition of RO service. For all transaction identified as LF, provide in a foothorte the termination date of the contract defined as the cardiest date that either buyer or seller can unilaterally get out of the contract. IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years. SF - for short-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. U for intermediate-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from | | | PURC | HASED POWER (Account 5 | 55) | |
| supplier includes projects load for this service in its system resource planning). In addition, the reliability of requirement service must be the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must aftering the open energy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service which meets the definition of RO service. For all transaction identified as LF, provide in a toothote the termination date of the contract defined as the earliest date that either buyer or seller can unlaterally get out of the contract. IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years. SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less. LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. IU - for intermediate-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years. EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and my settlements for imbalanced exchanges. OS - for other ser | debi 2. E acro | ts and credits for energy, capacity, etc.) and nter the name of the seller or other party in nyms. Explain in a footnote any ownership | e year. Als d any settle an exchai o interest o | o report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the respondent | ctricity (i.e., transactions changes. (a). Do not abbreviate of has with the seller. | or truncate the name or use |
| economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attemnt to buy emergency mercy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service firm service which meets the definition of RO service. For all transaction identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unilaterally get out of the contract. IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years. SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less. LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. IU - for intermediate-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years. EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges. OS - for other service. Use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote for each adjustment. In the latest than the provided tha | supp | lier includes projects load for this service in | n its syster | n resource planning). In a | ddition, the reliability of | |
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| Duke | e Energy Carolinas, LLC | (1) | A Resubmission | 04/13/2017 | End of 2016/Q4 |
| | | PURC | HASED POWER (Account 5 cluding power exchanges) | 55) | |
| debi 2. E acro | teport all power purchases made during the ts and credits for energy, capacity, etc.) and inter the name of the seller or other party in nyms. Explain in a footnote any ownership in column (b), enter a Statistical Classificatio | year. Als I any settl an excha interest o | oreport exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the responden | ectricity (i.e., transaction changes. (a). Do not abbreviate t has with the seller. | or truncate the name or use |
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| of th | e service in a footnote for each adjustment. | | | | |
| Line | Name of Company or Public Authority | Statistical | FERC Rate | Average | Actual Demand (MW) |
| No. | (Footnote Affiliations) | Classifi- cation | Tariff Number De | emand (MW) Monthly I | erage Average NCP Demand Monthly CP Demand |
| | (a) | (b) | (c) | (d) | (e) (f) |
| | | _U | (1) | | |
| 2 | CHAD COLLINS | _U | (1) | | |
| 3 | CHAD D DAVIS | _U | (1) | | |
| 4 | CHAPEL HILL TIRE CO | _U | (1) | | |
| 5 | CHAPEL HILL TIRE COMPANY, INC. | _U | (1) | | |
| 6 | CHARLES BRANDON MITCHELL | _U | (1) | | |
| 7 | CHARLES BRECKHEIMER | _U | (1) | | |
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| 8 | CHARLIE SOLAR, LLC | _U | (1) | | |
| | , | _U _U | (1) (1) | | |
| 9 | CHARLOTTE SOLAR, LLC | | 1 1 | | |
| 9 | CHARLOTTE SOLAR, LLC CHEROKEE FALLS HYDRO | _U | (1) | | |
| 9 10 11 | CHARLOTTE SOLAR, LLC CHEROKEE FALLS HYDRO CHRISTOPHER D HARDIN | _U _U | (1) | | |
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| 2) A Resubmission O4/13/2017 Elid of Delta | Duke | e of Respondent | | port Is: An Original | Date of R (Mo, Da, | | | Period of Report |
|--|---|--|---|--|--|------------------------------|--------------------------|---------------------------------------|
| 1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges. 2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation to the respondent has with the seller. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RC - for requirements service. Requirements service is service which the supplier plants to provide on an ongoing basis (i.e., the supplier includes projects load for this service in its system resource planning). In addition, the reliability or requirement service must be the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service. This category should not be used for long-term firm service firm service which meets the definition of RG service. For all transaction identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unlaterally get out of the contract. If - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years. SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year of lease. LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability of service, as | | e Energy Carolinas, LLC | | _ ~ | | | End of | 2016/Q4 |
| 1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges. 2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation to the respondent has with the seller. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RC - for requirements service. Requirements service is service which the supplier plants to provide on an ongoing basis (i.e., the supplier includes projects load for this service in its system resource planning). In addition, the reliability or requirement service must be the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service. This category should not be used for long-term firm service firm service which meets the definition of RG service. For all transaction identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unlaterally get out of the contract. If - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years. SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year of lease. LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability of service, as | | | PURC | HASED POWER (Accour | 555) | | ! | |
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| economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency emergy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service imm service which meets the definition of RO service. For all transaction identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unilaterally get out of the contract. IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years. SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less. LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years. EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges. OS - for other service. Use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote for each adjustment. Line Name of Company or Public Authority Average Northly Billing Average Northly Bi | supp | lier includes projects load for this service in | n its systei | m resource planning). I | addition, the r | | | |
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| Total | non-of the No. 1 2 3 4 5 6 7 8 9 10 11 12 13 | firm service regardless of the Length of the e service in a footnote for each adjustment Name of Company or Public Authority (Footnote Affiliations) (a) CLEAN ENERGY, LLC CLIFFSIDE MILLS LLC CLOVER SCHOOL DISTRICT 2 COC SURRY LFG,LLC COMMONWEALTH BRANDS INC CONCEPTS BY GARY CONCORD ENERGY LLC CONGOLINA SOLAR, LLC CONVERSE ENERGY - CLIFTON DAM #3 COUNTY HOME SOLAR CENTER LLC CPIM LLC CT WILSON PROPERTIES, LLC DANIEL E SUMAN | Statistical Classification (b) LU | FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) | Average Monthly Billing Demand (MW) | Aver | Actual Der | mand (MW) Average Monthly CP Demand |
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| 1. Re debits 2. Entacrony 3. In o | Energy Carolinas, LLC | | port ls:]An Original | Date of R (Mo, Da, | | Year/Period of Report |
|---|--|--|---|---|------------------------------|--|
| debits 2. Entacrony 3. In o | Lifergy Carolinas, LLC | (2) | A Resubmission | 04/13/201 | | End of2016/Q4 |
| debits 2. Entacrony 3. In o | | PURC (In | HASED POWER (Accou | ınt 555) s) | | |
| RO - f | port all power purchases made during the and credits for energy, capacity, etc.) an ter the name of the seller or other party ir yms. Explain in a footnote any ownership column (b), enter a Statistical Classification | e year. Als d any settl n an excha n interest o | o report exchanges of ements for imbalance nge transaction in colu r affiliation the respond | electricity (i.e., to exchanges.umn (a). Do not a dent has with the | abbreviate o seller. | r truncate the name or use |
| suppli | for requirements service. Requirements service in includes projects load for this service in the supplier's service as, or second only to, the supplier's service. | n its syster | n resource planning). | In addition, the r | | |
| econo energy which | or long-term firm service. "Long-term" me omic reasons and is intended to remain re y from third parties to maintain deliveries meets the definition of RQ service. For a d as the earliest date that either buyer or | liable ever of LF servi all transacti | under adverse condit ce). This category shoon identified as LF, pr | ions (e.g., the su ould not be used ovide in a footno | pplier must for long-terr | attempt to buy emergency m firm service firm service |
| | r intermediate-term firm service. The sar ive years. | ne as LF s | ervice expect that "inte | ermediate-term" r | means longe | er than one year but less |
| | or short-term service. Use this category for less. | or all firm s | services, where the du | ration of each pe | riod of com | mitment for service is one |
| | or long-term service from a designated ge e, aside from transmission constraints, m | | | | | |
| | or intermediate-term service from a desigr r than one year but less than five years. | nated gene | rating unit. The same | as LU service ex | cpect that "ir | ntermediate-term" means |
| longer | than one year but less than live years. | | | | | |
| | For exchanges of electricity. Use this cate | | ansactions involving a | balancing of deb | its and cred | lits for energy, capacity, etc |
| and ar | ny settlements for imbalanced exchanges | 5. | | | | |
| non-fir | for other service. Use this category only from service regardless of the Length of the | contract a | | | | |
| of the | service in a footnote for each adjustment | | | | | |
| Line | Name of Company or Public Authority | Statistical Classifi- | FERC Rate Schedule or | Average Monthly Billing | | Actual Demand (MW) |
| No. | (Footnote Affiliations) (a) | cation (b) | Tariff Number (c) | Demand (MW) (d) | Avera Monthly NC (e | CP Demand Monthly CP Dema |
| 1 [| DANIELLE SEAMAN | LU | (1) | | | |
| 2 [| DAVID BOYER | LU | (1) | | | |
| 3 [| DAVID E GUINNUP | LU | (1) | | | |
| 4 [| DAVID H NEWMAN | LU | (1) | | | |
| ı 1 ⁻ | DAVID M THOMAS | LU | (1) | | | |
| | DAVID W WALTERS | LU | (1) | | | |
| 5 E | DAVID ZIMMER | LU | (1) | | | |
| 5 C | | | | | | |
| 5 C 6 C 7 C | DAVIDSON GAS PRODUCERS, LLC | LU | (1) | | | |
| 5 C 6 C 7 C 8 C | DAVIDSON GAS PRODUCERS, LLC DDM MORTGAGE CORPORATION | LU | (1) | | | |
| 5 C 6 C 7 C 8 C 9 C | · · · · · · · · · · · · · · · · · · · | | | | | |
| 5 C 6 C 7 C 8 C 9 C | DDM MORTGAGE CORPORATION | LU | (1) | | | |
| 5 C 6 C 7 C 8 C 9 C 10 C | DDM MORTGAGE CORPORATION DECISION SUPPORT | LU | (1) | | | |
| 5 C 6 C 7 C 8 C 9 C 10 C 11 C | DDM MORTGAGE CORPORATION DECISION SUPPORT DEE INDUSTRIES | LU LU | (1) (1) (1) | | | |
| 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C | DDM MORTGAGE CORPORATION DECISION SUPPORT DEE INDUSTRIES DELTA PRODUCTS CORP. | LU LU LU | (1) (1) (1) (1) | | | |
| 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C | DDM MORTGAGE CORPORATION DECISION SUPPORT DEE INDUSTRIES DELTA PRODUCTS CORP. DIANE E JAMES | LU LU LU LU | (1) (1) (1) (1) (1) | | | |
| 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C | DDM MORTGAGE CORPORATION DECISION SUPPORT DEE INDUSTRIES DELTA PRODUCTS CORP. DIANE E JAMES | LU LU LU LU | (1) (1) (1) (1) (1) | | | |
| 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C | DDM MORTGAGE CORPORATION DECISION SUPPORT DEE INDUSTRIES DELTA PRODUCTS CORP. DIANE E JAMES | LU LU LU LU | (1) (1) (1) (1) (1) | | | |
| 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C | DDM MORTGAGE CORPORATION DECISION SUPPORT DEE INDUSTRIES DELTA PRODUCTS CORP. DIANE E JAMES | LU LU LU LU | (1) (1) (1) (1) (1) | | | |

| Duke Energy Carolinas, LLC (1) A Resubmission PURCHASED POWER (Account 555) (Including power exchanges) 1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a begin debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges. 2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the seller. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the sent RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis supplier includes projects load for this service in its system resource planning). In addition, the reliability of requirements the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted. | vice as follows: |
|--|-------------------------------------|
| Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a transaction of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the seller. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the sent RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis supplier includes projects load for this service in its system resource planning). In addition, the reliability of requirements the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted. | vice as follows: |
| Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a transaction of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the seller. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the sent RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis supplier includes projects load for this service in its system resource planning). In addition, the reliability of requirements the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted. | vice as follows: |
| supplier includes projects load for this service in its system resource planning). In addition, the reliability of requirement the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupt | |
| | service must be |
| economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to be energy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service which meets the definition of RQ service. For all transaction identified as LF, provide in a footnote the termination date of defined as the earliest date that either buyer or seller can unilaterally get out of the contract. | uy emergency ce firm service |
| IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one y than five years. | ear but less |
| SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for s year or less. | service is one |
| LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability ar service, aside from transmission constraints, must match the availability and reliability of the designated unit. | nd reliability of |
| IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-longer than one year but less than five years. | term" means |
| | |
| EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energ | y, capacity, etc. |
| and any settlements for imbalanced exchanges. | |
| OS - for other service. Use this category only for those services which cannot be placed in the above-defined categories | s such as all |
| non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Description | |
| of the service in a footnote for each adjustment. | |
| Line Name of Company or Public Authority Statistical FERC Rate Average Actual Dema | nd (MW) |
| Na | Averen |
| | Average Nonthly CP Demand (f) |
| (a) (b) (c) (d) (e) | |
| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) | Nonthly CP Demand |
| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) 2 DIRK J SPRUYT LU (1) | Nonthly CP Demand |
| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) 2 DIRK J SPRUYT LU (1) 3 DIXON DAIRY ROAD, LLC LU (1) | Nonthly CP Demand |
| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) 2 DIRK J SPRUYT LU (1) 3 DIXON DAIRY ROAD, LLC LU (1) 4 DOMENICO SANTILLI LU (1) | Nonthly CP Demand |
| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) (1) 2 DIRK J SPRUYT LU (1) 3 DIXON DAIRY ROAD, LLC LU (1) 4 DOMENICO SANTILLI LU (1) 5 DON A BICKNELL LU (1) | Nonthly CP Demand |
| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) (1) 2 DIRK J SPRUYT LU (1) (1) 3 DIXON DAIRY ROAD, LLC LU (1) (1) 4 DOMENICO SANTILLI LU (1) (1) 5 DON A BICKNELL LU (1) (1) 6 DOUGLAS ALBRIGHT THOMPSON LU (1) | Nonthly CP Demand |
| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) (1) 2 DIRK J SPRUYT LU (1) (1) 3 DIXON DAIRY ROAD, LLC LU (1) (1) 4 DOMENICO SANTILLI LU (1) (1) 5 DON A BICKNELL LU (1) (1) 6 DOUGLAS ALBRIGHT THOMPSON LU (1) 7 DRAGSTRIP FARM LU (1) | Nonthly CP Demand |
| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) 2 DIRK J SPRUYT LU (1) 3 DIXON DAIRY ROAD, LLC LU (1) 4 DOMENICO SANTILLI LU (1) 5 DON A BICKNELL LU (1) 6 DOUGLAS ALBRIGHT THOMPSON LU (1) 7 DRAGSTRIP FARM LU (1) 8 DURHAM LANDFILL ELECTRICITY LLC LU (1) | Nonthly CP Demand |
| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) 2 DIRK J SPRUYT LU (1) 3 DIXON DAIRY ROAD, LLC LU (1) 4 DOMENICO SANTILLI LU (1) 5 DON A BICKNELL LU (1) 6 DOUGLAS ALBRIGHT THOMPSON LU (1) 7 DRAGSTRIP FARM LU (1) 8 DURHAM LANDFILL ELECTRICITY LLC LU (1) 9 DURHAM SOLAR, LLC LU (1) | Nonthly CP Demand |
| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) 2 DIRK J SPRUYT LU (1) 3 DIXON DAIRY ROAD, LLC LU (1) 4 DOMENICO SANTILLI LU (1) 5 DON A BICKNELL LU (1) 6 DOUGLAS ALBRIGHT THOMPSON LU (1) 7 DRAGSTRIP FARM LU (1) 8 DURHAM LANDFILL ELECTRICITY LLC LU (1) 9 DURHAM SOLAR, LLC LU (1) 10 EARNHARDT-CHILDRESS RACING LU (1) | Nonthly CP Demand |
| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC | Nonthly CP Demand |
| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) 2 DIRK J SPRUYT LU (1) 3 DIXON DAIRY ROAD, LLC LU (1) 4 DOMENICO SANTILLI LU (1) 5 DON A BICKNELL LU (1) 6 DOUGLAS ALBRIGHT THOMPSON LU (1) 7 DRAGSTRIP FARM LU (1) 8 DURHAM LANDFILL ELECTRICITY LLC LU (1) 9 DURHAM SOLAR, LLC LU (1) 10 EARNHARDT-CHILDRESS RACING LU (1) 11 TECHNOLOGIES, LLC LU (1) 12 ECOLOGIC-STUDIO LLC LU (1) | Nonthly CP Demand |
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| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) 2 DIRK J SPRUYT LU (1) 3 DIXON DAIRY ROAD, LLC LU (1) 4 DOMENICO SANTILLI LU (1) 5 DON A BICKNELL LU (1) 6 DOUGLAS ALBRIGHT THOMPSON LU (1) 7 DRAGSTRIP FARM LU (1) 8 DURHAM LANDFILL ELECTRICITY LLC LU (1) 9 DURHAM SOLAR, LLC LU (1) 10 EARNHARDT-CHILDRESS RACING LU (1) 11 TECHNOLOGIES, LLC LU (1) 12 ECOLOGIC-STUDIO LLC LU (1) | Nonthly CP Demand |
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| (a) (b) (c) (d) (e) 1 DIBRELL FARM, LLC LU (1) 2 DIRK J SPRUYT LU (1) 3 DIXON DAIRY ROAD, LLC LU (1) 4 DOMENICO SANTILLI LU (1) 5 DON A BICKNELL LU (1) 6 DOUGLAS ALBRIGHT THOMPSON LU (1) 7 DRAGSTRIP FARM LU (1) 8 DURHAM LANDFILL ELECTRICITY LLC LU (1) 9 DURHAM SOLAR, LLC LU (1) 10 EARNHARDT-CHILDRESS RACING LU (1) 11 TECHNOLOGIES, LLC LU (1) 12 ECOLOGIC-STUDIO LLC LU (1) 13 ELAINE SCOTT LU (1) | Nonthly CP Demand |

| Nam | e of Respondent | This Re | port Is: An Original | Date of Report | Year/F | eriod of Report |
|----------------------|---|--|--|---|--|------------------------------------|
| Duk | e Energy Carolinas, LLC | (1) <u> </u> <u>x</u> (2) | An Onginal A Resubmission | (Mo, Da, Yr) 04/13/2017 | End of | 2016/Q4 |
| | | PURC | HASED POWER (Account scluding power exchanges) | 555) | | |
| debi 2. E acro | Report all power purchases made during the ts and credits for energy, capacity, etc.) and inter the name of the seller or other party in nyms. Explain in a footnote any ownership or column (b), enter a Statistical Classification | year. Als any settl an excha interest o | so report exchanges of ele ements for imbalanced ex nge transaction in columr r affiliation the responder | ectricity (i.e., transa cchanges. n (a). Do not abbre t has with the selle | eviate or truncate er. | the name or use |
| supp | for requirements service. Requirements service in service in service in service as as, or second only to, the supplier's service in service in service in service in service in service in service. | its syster | m resource planning). In | addition, the reliable | | |
| ecor ener whic | for long-term firm service. "Long-term" meanomic reasons and is intended to remain religy from third parties to maintain deliveries on the meets the definition of RQ service. For all ned as the earliest date that either buyer or service. | able ever f LF servi l transact | n under adverse condition ice). This category shoul- ion identified as LF, provi | s (e.g., the supplied not be used for lo de in a footnote the | r must attempt to ong-term firm ser | buy emergency vice firm service |
| | for intermediate-term firm service. The same five years. | e as LF s | ervice expect that "interm | ediate-term" mean | s longer than one | e year but less |
| | for short-term service. Use this category fo or less. | r all firm s | services, where the durati | on of each period o | of commitment fo | r service is one |
| | for long-term service from a designated ger ice, aside from transmission constraints, mu | • | • | | • | and reliability of |
| | for intermediate-term service from a designa er than one year but less than five years. | ated gene | rating unit. The same as | LU service expect | that "intermediat | e-term" means |
| | | 6 | | | | |
| | For exchanges of electricity. Use this categany settlements for imbalanced exchanges. | gory for tr | ansactions involving a ba | lancing of debits ai | nd credits for ene | rgy, capacity, etc. |
| anu | any settlements for imbalanced exchanges. | | | | | |
| | for other service. Use this category only fo | | | | | |
| | firm service regardless of the Length of the e service in a footnote for each adjustment. | contract a | and service from designat | ed units of Less th | an one year. De | scribe the nature |
| | | Statiatical | FERC Rate | Average | Actual Der | nand (MW) |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) | Statistical Classifi- | Schedule or M | Average lonthly Billing | Average | Average |
| INO. | (a) | cation (b) | Tariff Number D | emand (MW) Mor | nthly NCP Demand (e) | Monthly CP Demand (f) |
| 1 | ELLIANA SOLAR, LLC | .U | (1) | | | ,, |
| 2 | ELLIANA SOLAR, LLC | AD. | (1) | | | |
| 3 | ELON COMMUNITY SOLAR, LLC | .U | (1) | | | |
| 4 | ELSEWHERE LIVING MUSEUM L | .U | (1) | | | |
| 5 | ERIC L GAYLORD L | .U | (1) | | | |
| 6 | ERIK P RAUDSEP | .U | (1) | | | |
| 7 | ESTES EXPRESS LINES, INC | .U | (1) | | | |
| 8 | FACILE SOLAR, LLC | .U | (1) | | | |
| | | AD | (1) | | | |
| | | .U | (1) | | | |
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| | II OOLLINAN CONSTITUCINE IIIC II | - | \ \ / | | | |
| | TOGELINAN CONSTRUCTION, INC | | | | | |
| | T COLLIMAN CONSTRUCTION, INC | | | | | |
| | T COLLIMAN CONSTRUCTION, INC | | | | | |
| | T COLLIMAN CONSTRUCTION, INC | | | | | |
| | Total | | | | | |

| Duke | e of Respondent | | port Is:]An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|---|---|---|--|--|---|
| | e Energy Carolinas, LLC | (2) | An Onginal A Resubmission | 04/13/2017 | End of |
| | | PURC | HASED POWER (Account 5 cluding power exchanges) | 55) | |
| debi 2. E acro | eport all power purchases made during the sand credits for energy, capacity, etc.) and nter the name of the seller or other party in nyms. Explain in a footnote any ownership a column (b), enter a Statistical Classification | e year. Als d any settl an excha o interest o | o report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the respondent | ctricity (i.e., transactions changes. (a). Do not abbreviate (a) thas with the seller. | or truncate the name or use |
| supp | for requirements service. Requirements s lier includes projects load for this service in same as, or second only to, the supplier's s | n its syster | n resource planning). In a | addition, the reliability of | |
| ecor ener whic | for long-term firm service. "Long-term" me comic reasons and is intended to remain re gy from third parties to maintain deliveries th meets the definition of RQ service. For a sed as the earliest date that either buyer or | liable ever of LF servi all transacti | under adverse conditions ce). This category should on identified as LF, provid | s (e.g., the supplier must I not be used for long-ter le in a footnote the termi | attempt to buy emergency m firm service firm service |
| | or intermediate-term firm service. The san five years. | ne as LF s | ervice expect that "interme | ediate-term" means long | er than one year but less |
| | for short-term service. Use this category for less. | or all firm s | services, where the duration | on of each period of com | mitment for service is one |
| 1 | for long-term service from a designated ge ce, aside from transmission constraints, m | • | • | | |
| | for intermediate-term service from a design | atod gono | rating unit. The same as | I I sonvice expect that "i | ntormodiato torm" moans |
| 1 | er than one year but less than five years. | iateu gene | rating unit. The same as | LO service expect that i | memediate-term means |
| | | | | | |
| | For exchanges of electricity. Use this cate | | ansactions involving a bal | ancing of debits and cre | dits for energy, capacity, etc. |
| and | any settlements for imbalanced exchanges | i. | | | |
| los - | for other service. Use this category only for | | anvices which cannot be a | | |
| | | or those se | FIVILES WITHOU CALIFIED DE P | aced in the above-define | ed categories, such as all |
| | firm service regardless of the Length of the | | | | |
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| non- | firm service regardless of the Length of the | Statistical | rnd service from designate | ed units of Less than one | e year. Describe the nature Actual Demand (MW) |
| non- of th | firm service regardless of the Length of the e service in a footnote for each adjustment | contract a | FERC Rate Schedule or | Average Onthly Billing Ave | e year. Describe the nature Actual Demand (MW) |
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|--|--|---|---|--|--|-------------------------------------|
| Dan | e Energy Carolinas, LLC | (2) | An Onginal A Resubmission | 04/13/2017 | End of | 2016/Q4 |
| | | PURC | HASED POWER (Account cluding power exchanges) | 555) | | |
| debi 2. E acro | Report all power purchases made during the ts and credits for energy, capacity, etc.) are inter the name of the seller or other party in nyms. Explain in a footnote any ownershin column (b), enter a Statistical Classificati | e year. Als nd any settle n an exchar o interest o | to report exchanges of el ements for imbalanced e nge transaction in colum r affiliation the responder | ectricity (i.e., transa xchanges. n (a). Do not abbre nt has with the selle | eviate or truncate er. | the name or use |
| supp | for requirements service. Requirements olier includes projects load for this service same as, or second only to, the supplier's | n its syster | n resource planning). In | addition, the reliab | | |
| ecor ener whic | for long-term firm service. "Long-term" monomic reasons and is intended to remain regy from third parties to maintain deliveries the meets the definition of RQ service. For ned as the earliest date that either buyer or | eliable even of LF servi all transacti | n under adverse condition ce). This category shoul ion identified as LF, prov | ns (e.g., the supplied d not be used for laid de in a footnote the | er must attempt to ong-term firm serv | buy emergency vice firm service |
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| non- | firm service regardless of the Length of the | e contract a | | | | |
| of th | e service in a footnote for each adjustmen | i. | | | | |
| Line | Name of Company or Public Authority | Statistical | FERC Rate | Average | | |
| No. | (Footnote Affiliations) | Classifi- | | Monthly Billing | Average | nand (MW) |
| | | cation | | emand (MW) Mo | nthly NCP Demand | nand (MW) Average Monthly CP Demand |
| | (a) | (b) | (c) | (d) | (e) | Average |
| 1 | (a) GREENVILLE COUNTY SCHOOLS | | | , , | - | Average Monthly CP Demand |
| 1 2 | GREENVILLE COUNTY SCHOOLS | (b) | (c) | , , | - | Average Monthly CP Demand |
| | GREENVILLE COUNTY SCHOOLS | (b) | (c) (1) | , , | - | Average Monthly CP Demand |
| 2 3 4 | GREENVILLE COUNTY SCHOOLS GREENVILLE GAS PRODUCERS, LLC GWENYTH T REID HANELINE POWER, LLC | (b) LU LU | (c) (1) (1) | , , | - | Average Monthly CP Demand |
| 2 3 4 | GREENVILLE COUNTY SCHOOLS GREENVILLE GAS PRODUCERS, LLC GWENYTH T REID | (b) LU LU LU | (c) (1) (1) (1) (1) (1) (1) | , , | - | Average Monthly CP Demand |
| 2 3 4 5 6 | GREENVILLE COUNTY SCHOOLS GREENVILLE GAS PRODUCERS, LLC GWENYTH T REID HANELINE POWER, LLC HAROLD FERGUSON HAW RIVER HYDRO CO-SAXAPAHAW | (b) LU LU LU LU LU LU LU | (c) (1) (1) (1) (1) (1) (1) (1) | , , | - | Average Monthly CP Demand |
| 2 3 4 5 6 | GREENVILLE COUNTY SCHOOLS GREENVILLE GAS PRODUCERS, LLC GWENYTH T REID HANELINE POWER, LLC HAROLD FERGUSON | (b) LU LU LU LU LU LU LU LU | (c) (1) (1) (1) (1) (1) (1) (1) (1) | , , | - | Average Monthly CP Demand |
| 2 3 4 5 6 7 | GREENVILLE COUNTY SCHOOLS GREENVILLE GAS PRODUCERS, LLC GWENYTH T REID HANELINE POWER, LLC HAROLD FERGUSON HAW RIVER HYDRO CO-SAXAPAHAW | (b) LU LU LU LU LU LU LU | (c) (1) (1) (1) (1) (1) (1) (1) | , , | - | Average Monthly CP Demand |
| 2 3 4 5 6 7 8 | GREENVILLE COUNTY SCHOOLS GREENVILLE GAS PRODUCERS, LLC GWENYTH T REID HANELINE POWER, LLC HAROLD FERGUSON HAW RIVER HYDRO CO-SAXAPAHAW HAYNES FARM, LLC HMS HOLDINGS LIMITED PARTNERSHIP HOFFMAN & HOFFMAN | (b) LU | (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1 | , , | - | Average Monthly CP Demand |
| 2 3 4 5 6 7 8 9 | GREENVILLE COUNTY SCHOOLS GREENVILLE GAS PRODUCERS, LLC GWENYTH T REID HANELINE POWER, LLC HAROLD FERGUSON HAW RIVER HYDRO CO-SAXAPAHAW HAYNES FARM, LLC HMS HOLDINGS LIMITED PARTNERSHIP HOFFMAN & HOFFMAN HOLZWORTH HOLDINGS | (b) LU | (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1 | , , | - | Average Monthly CP Demand |
| 2 3 4 5 6 7 8 9 10 | GREENVILLE COUNTY SCHOOLS GREENVILLE GAS PRODUCERS, LLC GWENYTH T REID HANELINE POWER, LLC HAROLD FERGUSON HAW RIVER HYDRO CO-SAXAPAHAW HAYNES FARM, LLC HMS HOLDINGS LIMITED PARTNERSHIP HOFFMAN & HOFFMAN HOLZWORTH HOLDINGS HOWELL MIDLAND FARM, LLC | (b) LU | (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1 | , , | - | Average Monthly CP Demand |
| 2 3 4 5 6 7 8 9 10 11 | GREENVILLE COUNTY SCHOOLS GREENVILLE GAS PRODUCERS, LLC GWENYTH T REID HANELINE POWER, LLC HAROLD FERGUSON HAW RIVER HYDRO CO-SAXAPAHAW HAYNES FARM, LLC HMS HOLDINGS LIMITED PARTNERSHIP HOFFMAN & HOFFMAN HOLZWORTH HOLDINGS HOWELL MIDLAND FARM, LLC HUTCHINSON FARM,LLC | (b) LU | (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1 | , , | - | Average Monthly CP Demand |
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| Nam | e of Respondent | This Re | | ort Is: An Original | Date of R (Mo, Da, | | Year/F | Period of Report |
|----------------------|---|--|---------------------|---|---|-----------------------------|--------------------------|------------------------------------|
| Duke | e Energy Carolinas, LLC | (2) | | A Resubmission | 04/13/201 | | End of | 2016/Q4 |
| | | PURC | CH/ nclu | ASED POWER (Account 5 iding power exchanges) | 55) | | | |
| debi 2. E acro | eport all power purchases made during the its and credits for energy, capacity, etc.) and nter the name of the seller or other party in nyms. Explain in a footnote any ownership in column (b), enter a Statistical Classificatio | year. Als I any settl an excha interest c | so len ang | report exchanges of elements for imbalanced ex e transaction in column iffiliation the respondent | ectricity (i.e., t changes. (a). Do not a t has with the | abbreviate o seller. | or truncate | the name or use |
| supp | for requirements service. Requirements solier includes projects load for this service in same as, or second only to, the supplier's se | its syste | m | resource planning). In a | addition, the r | | | |
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| | or intermediate-term firm service. The sam five years. | e as LF s | ser | vice expect that "interme | ediate-term" r | neans longe | er than one | e year but less |
| | for short-term service. Use this category for less. | or all firm | se | rvices, where the duration | on of each pe | riod of com | mitment fo | r service is one |
| | for long-term service from a designated gel ice, aside from transmission constraints, mu | | | | | | | and reliability of |
| | for intermediate-term service from a designa er than one year but less than five years. | ated gene | era | ting unit. The same as | LU service ex | pect that "in | ntermediat | e-term" means |
| long | or than one year barress than live years. | | | | | | | |
| | For exchanges of electricity. Use this cate | | ran | sactions involving a bal | ancing of deb | its and cred | dits for ene | ergy, capacity, etc. |
| and | any settlements for imbalanced exchanges. | | | | | | | |
| | for other service. Use this category only for | | | | | | | |
| | firm service regardless of the Length of the eservice in a footnote for each adjustment. | | an | d service from designate | ed units of Le | ss than one | year. De | scribe the nature |
| | , | Statistical | ı | FERC Rate | Average | | Actual Der | mand (MW) |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) | Classifi- | ' | Schedule or M | onthly Billing | Aver | age | Average |
| | (a) | cation (b) | | Tariff Number De | emand (MW) (d) | Monthly NC | | Monthly CP Demand (f) |
| 1 | INNOVATIVE SOLAR 15, LLC | LU | (1 |) | . , | , | , | ,, |
| 2 | INNOVATIVE SOLAR 16, LLC | LU | (1 |) | | | | |
| 3 | INNOVATIVE SOLAR 16, LLC | AD | (1 |) | | | | |
| 4 | INNOVATIVE SOLAR 18, LLC | LU | (1 |) | | | | |
| 5 | INNOVATIVE SOLAR 23, LLC | LU | (1 |) | | | | |
| 6 | INNOVATIVE SOLAR 26, LLC | LU | (1 |) | | | | |
| 7 | IRVINE RIVER COMPANY | LU | (1 |) | | | | |
| 8 | ITRON INC | LU | (1 |) | | | | |
| 9 | JACOB SOLAR LLC | LU | (1 | | | | | |
| 10 | | LU | (1 | | | | | |
| 11 | JAFASA FARMS RESIDENCE | LU | (1 | | | | | |
| 12 | JAMES EDWARD ROWELL JR | LU | (1 | | | | | |
| 13 | JAMES J BOYLE | LU | (1 | | | | | |
| 14 | | LU | (1 | | | | | |
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| 1 taili | e of Respondent | This Re | port Is:]An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
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| Duke | e Energy Carolinas, LLC | (2) | An Onginal A Resubmission | 04/13/2017 | End of |
| | | PURC | HASED POWER (Account 5 cluding power exchanges) | 55) | |
| debi 2. E acro | Report all power purchases made during the ts and credits for energy, capacity, etc.) are inter the name of the seller or other party in nyms. Explain in a footnote any ownership column (b), enter a Statistical Classificati | e year. Als d any settl n an excha o interest o | o report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the responden | ectricity (i.e., transaction changes. (a). Do not abbreviate t has with the seller. | or truncate the name or use |
| supp | - for requirements service. Requirements olier includes projects load for this service is same as, or second only to, the supplier's | n its syster | n resource planning). In a | addition, the reliability of | |
| ecor ener whic | for long-term firm service. "Long-term" menomic reasons and is intended to remain regy from third parties to maintain deliveries the meets the definition of RQ service. For need as the earliest date that either buyer or | eliable ever of LF servi all transacti | under adverse condition ce). This category should on identified as LF, provide | s (e.g., the supplier mus d not be used for long-te de in a footnote the term | t attempt to buy emergency rm firm service firm service |
| | for intermediate-term firm service. The sar five years. | ne as LF s | ervice expect that "interm | ediate-term" means lonç | ger than one year but less |
| | for short-term service. Use this category or less. | for all firm s | services, where the durati | on of each period of con | nmitment for service is one |
| | for long-term service from a designated grice, aside from transmission constraints, m | • | • | , | , , |
| | for intermediate to me on income and orien | | rating unit. The same as | | lintarra diata tarrall managa |
| | for intermediate-term service from a designer than one year but less than five years. | nated gene | rating unit. The same as | LU service expect that | Intermediate-term" means |
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| | For exchanges of electricity. Use this cat | | ansactions involving a bal | ancing of debits and cre | edits for energy, capacity, etc. |
| and | any settlements for imbalanced exchanges | 3. | | | |
| os - | for other service. Use this category only | for those se | ervices which cannot be p | laced in the above-defir | ed categories, such as all |
| | firm service regardless of the Length of the | | and service from designat | ed units of Less than on | e year. Describe the nature |
| of th | e service in a footnote for each adjustmen | t. - | 1 | | |
| Line | Name of Company or Public Authority | Statistical Classifi- | FERC Rate Schedule or M | Average Onthly Billing Ave | Actual Demand (MW) erage Average |
| No. | (Footnote Affiliations) | cation | Tariff Number D | emand (MW) Monthly N | ICP Demand Monthly CP Demand |
| <u> </u> | (a) | (b) | (c) | (d) | (e) (f) |
| 1 | | LU | (1) | | |
| 2 | | LU | (1) | | |
| 3 | | LU | (1) | | |
| 4 | JOHN B ROBBINS | LU | (1) | | |
| 5 | | LU | (1) | | |
| | JOHN H. DILIBERTI | LU | (1) | | |
| 6 | | | | | |
| 7 | JOHN J HAMMILLER | LU | (1) | | |
| 7 | JOHN J HAMMILLER JUBA ALUMINUM PRODUCTS COMPANY | LU | (1) | | |
| 7 8 9 | JOHN J HAMMILLER JUBA ALUMINUM PRODUCTS COMPANY KAREN STURGIS | LU | (1) (1) | | |
| 7 8 9 10 | JOHN J HAMMILLER JUBA ALUMINUM PRODUCTS COMPANY KAREN STURGIS KEITH ADAM SMITH | LU LU LU | (1) (1) (1) | | |
| 7 8 9 10 | JOHN J HAMMILLER JUBA ALUMINUM PRODUCTS COMPANY KAREN STURGIS KEITH ADAM SMITH KENNETH A BOLLEN | LU LU LU | (1) (1) (1) (1) | | |
| 7 8 9 10 11 12 | JOHN J HAMMILLER JUBA ALUMINUM PRODUCTS COMPANY KAREN STURGIS KEITH ADAM SMITH KENNETH A BOLLEN KEVIN NEWELL | LU LU LU LU | (1) (1) (1) (1) (1) | | |
| 7 8 9 10 11 12 13 | JOHN J HAMMILLER JUBA ALUMINUM PRODUCTS COMPANY KAREN STURGIS KEITH ADAM SMITH KENNETH A BOLLEN KEVIN NEWELL KMBA, LLC | LU LU LU LU LU LU | (1) (1) (1) (1) (1) (1) | | |
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| Duke | e of Respondent | This Re | An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
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| Duke | e Energy Carolinas, LLC | (2) | An Onginal A Resubmission | 04/13/2017 | End of |
| | | PURC | HASED POWER (Account 5 cluding power exchanges) | 555) | |
| debit 2. E acro | Report all power purchases made during the ts and credits for energy, capacity, etc.) are nter the name of the seller or other party in nyms. Explain in a footnote any ownership column (b), enter a Statistical Classificati | e year. Als d any settl n an excha o interest o | so report exchanges of ele ements for imbalanced ex nge transaction in columr r affiliation the responden | ectricity (i.e., transactions cchanges. n (a). Do not abbreviate t has with the seller. | or truncate the name or use |
| supp | for requirements service. Requirements olier includes projects load for this service came as, or second only to, the supplier's service. | n its syster | m resource planning). In | addition, the reliability of | |
| econ ener whic | for long-term firm service. "Long-term" me nomic reasons and is intended to remain re gy from third parties to maintain deliveries h meets the definition of RQ service. For ned as the earliest date that either buyer or | eliable ever of LF servi all transact | n under adverse condition ice). This category shoul- ion identified as LF, provi | s (e.g., the supplier mus d not be used for long-te de in a footnote the term | t attempt to buy emergency rm firm service firm service |
| | or intermediate-term firm service. The sai five years. | ne as LF s | ervice expect that "interm | ediate-term" means lonç | ger than one year but less |
| | for short-term service. Use this category or less. | for all firm s | services, where the durati | on of each period of con | nmitment for service is one |
| | for long-term service from a designated grice, aside from transmission constraints, m | • | • | , | , |
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| 1 | for intermediate-term service from a designer than one year but less than five years. | nated gene | rating unit. The same as | LU service expect that " | intermediate-term" means |
| long | er than one year but less than live years. | | | | |
| EX - | For exchanges of electricity. Use this cat | egory for tr | ansactions involving a ba | lancing of debits and cre | edits for energy, capacity, etc. |
| and | any settlements for imbalanced exchanges | 3. | | | |
| 08- | for other service. Use this category only | for those se | arvices which cannot be r | laced in the above-defin | ed categories, such as all |
| | firm service regardless of the Length of the | | | | |
| | e service in a footnote for each adjustmen | | Ç | | , |
| Line | | Statistical | FERC Rate | Average | |
| LITIC | I Name of Company or Public Authority | Ctatiotical | | | Actual Demand (MW) |
| No. | Name of Company or Public Authority (Footnote Affiliations) | Classifi- | | lonthly Billing Ave | erage Average |
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| No. | (Footnote Affiliations) (a) | Classifi- cation | Tariff Number D | lonthly Billing Ave emand (MW) Monthly N | erage Average ICP Demand Monthly CP Demand |
| 1 | (Footnote Affiliations) (a) | Classifi- cation (b) | Tariff Number D | lonthly Billing Ave emand (MW) Monthly N | erage Average ICP Demand Monthly CP Demand |
| 1 2 | (Footnote Affiliations) (a) LAMAR BAILES | Classifi- cation (b) | Tariff Number (c) (1) (1) | lonthly Billing Ave emand (MW) Monthly N | erage Average ICP Demand Monthly CP Demand |
| 1 2 | (Footnote Affiliations) (a) LAMAR BAILES LARRY STENGER | Classification (b) | Tariff Number (c) (1) (1) (1) | lonthly Billing Ave emand (MW) Monthly N | erage Average ICP Demand Monthly CP Demand |
| 1 2 3 4 | (Footnote Affiliations) (a) LAMAR BAILES LARRY STENGER LAURA J BALLANCE | Classification (b) LU LU LU | Tariff Number (c) (1) (1) | lonthly Billing Ave emand (MW) Monthly N | erage Average ICP Demand Monthly CP Demand |
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| 1 2 3 4 5 | (Footnote Affiliations) (a) LAMAR BAILES LARRY STENGER LAURA J BALLANCE LAWRENCE B MILLER LAWRENCE ELECTRIC | Classification (b) LU LU LU LU LU | Tariff Number (c) (1) (1) (1) (1) (1) (1) | lonthly Billing Ave emand (MW) Monthly N | erage Average ICP Demand Monthly CP Demand |
| 1 2 3 4 5 6 | (Footnote Affiliations) (a) LAMAR BAILES LARRY STENGER LAURA J BALLANCE LAWRENCE B MILLER LAWRENCE ELECTRIC LAWRENCE LEE ADRIAN | Classification (b) LU LU LU LU LU LU LU LU | Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1 | lonthly Billing Ave emand (MW) Monthly N | erage Average ICP Demand Monthly CP Demand |
| 1 2 3 4 5 6 | (Footnote Affiliations) (a) LAMAR BAILES LARRY STENGER LAURA J BALLANCE LAWRENCE B MILLER LAWRENCE ELECTRIC LAWRENCE LEE ADRIAN LEON'S BEAUTY SCHOOL, INC LOCKHART - LOWER PACOLET HYDRO | Classification (b) LU LU LU LU LU LU LU LU LU L | Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) | lonthly Billing Ave emand (MW) Monthly N | erage Average ICP Demand Monthly CP Demand |
| 1 2 3 4 5 6 7 8 | (Footnote Affiliations) (a) LAMAR BAILES LARRY STENGER LAURA J BALLANCE LAWRENCE B MILLER LAWRENCE ELECTRIC LAWRENCE LEE ADRIAN LEON'S BEAUTY SCHOOL, INC LOCKHART - LOWER PACOLET HYDRO | Classification (b) LU LU LU LU LU LU LU LU LU L | Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) | lonthly Billing Ave emand (MW) Monthly N | erage Average ICP Demand Monthly CP Demand |
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| 1 2 3 4 5 6 7 8 9 10 11 12 | (Footnote Affiliations) (a) LAMAR BAILES LARRY STENGER LAURA J BALLANCE LAWRENCE B MILLER LAWRENCE ELECTRIC LAWRENCE LEE ADRIAN LEON'S BEAUTY SCHOOL, INC LOCKHART - LOWER PACOLET HYDRO LOCKHART - UPPER PACOLET HYDRO LOCKHART BIOENERGY, LLC LOCKHART MINIMUM FLOW LOCKHART POWER COMPANY | Classification (b) LU LU LU LU LU LU LU LU LU L | Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) | lonthly Billing Ave emand (MW) Monthly N | erage Average ICP Demand Monthly CP Demand |
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| debi 2. E acro | Report all power purchases made during the ts and credits for energy, capacity, etc.) an inter the name of the seller or other party ir nyms. Explain in a footnote any ownership column (b), enter a Statistical Classification | e year. Als d any settl an excha interest o | so report exchanges of ele ements for imbalanced ex nge transaction in columr r affiliation the responden | ectricity (i.e., transactions changes. (a). Do not abbreviate t has with the seller. | or truncate the name or use |
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| Line | Name of Company or Public Authority | Statistical | FERC Rate | Average | Actual Demand (MW) |
| No. | (Footnote Affiliations) | Classifi- cation | | | rage Average CP Demand Monthly CP Demand |
| | (a) | (b) | (c) | ` , | e) (f) |
| 1 | MARIPOSA SOLAR CENTER LLC | LU | (1) | | |
| 2 | MARK S TRUSTIN | LU | (1) | | |
| 3 | MARKET FARM, LLC | LU | (1) | | |
| 4 | MARKUS W ANDRES | LU | (1) | | |
| 5 | MARSHVILLE FARM, LLC | LU | (1) | | |
| 6 | MARTIN JOSEPH LASHUA | LU | (1) | | |
| | MARTIN TRUEX JR. LLC | LU | (1) | | |
| | MATTHEW C ROBERTS | LU | (1) | | |
| I 8 | | | | | |
| | | LU | (1) | | |
| 9 | MATTHEW T EWERS | LU LU | (1) | | |
| 9 | MATTHEW T EWERS MAYBERRY SOLAR LLC | LU | (1) | | |
| 9 10 11 | MATTHEW T EWERS MAYBERRY SOLAR LLC MAYO HYDROPOWER LLC - MAYO HYDRO | LU | (1) (1) | | |
| 9 10 11 12 | MATTHEW T EWERS MAYBERRY SOLAR LLC MAYO HYDROPOWER LLC - MAYO HYDRO MEHUL SHAH | LU LU | (1) (1) (1) | | |
| 9 10 11 12 13 | MATTHEW T EWERS MAYBERRY SOLAR LLC MAYO HYDROPOWER LLC - MAYO HYDRO MEHUL SHAH MICHAEL J PETERSON | LU LU LU | (1) (1) (1) (1) | | |
| 9 10 11 12 13 | MATTHEW T EWERS MAYBERRY SOLAR LLC MAYO HYDROPOWER LLC - MAYO HYDRO MEHUL SHAH | LU LU | (1) (1) (1) | | |
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| 9 10 11 12 13 | MATTHEW T EWERS MAYBERRY SOLAR LLC MAYO HYDROPOWER LLC - MAYO HYDRO MEHUL SHAH MICHAEL J PETERSON | LU LU LU | (1) (1) (1) (1) | | |

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| 1 | e Energy Carolinas, LLC | (1) | An Onginal A Resubmission | 04/13/2017 | End of |
| | | PURC | HASED POWER (Account 5 cluding power exchanges) | 55) | |
| debit 2. E acro | eport all power purchases made during the sand credits for energy, capacity, etc.) and nter the name of the seller or other party in nyms. Explain in a footnote any ownership oclumn (b), enter a Statistical Classification | year. Als d any settle an excha interest o | o report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the respondent | ctricity (i.e., transactions changes. (a). Do not abbreviate (a) has with the seller. | or truncate the name or use |
| supp | for requirements service. Requirements solier includes projects load for this service in same as, or second only to, the supplier's so | ı its syster | n resource planning). In a | iddition, the reliability of | |
| econ ener whic | for long-term firm service. "Long-term" me nomic reasons and is intended to remain rel gy from third parties to maintain deliveries of the meets the definition of RQ service. For a need as the earliest date that either buyer or | iable ever of LF servi Il transacti | under adverse conditions ce). This category should on identified as LF, provid | s (e.g., the supplier must I not be used for long-te le in a footnote the term | t attempt to buy emergency |
| | or intermediate-term firm service. The sam five years. | ne as LF s | ervice expect that "interme | ediate-term" means long | er than one year but less |
| | for short-term service. Use this category for less. | or all firm s | services, where the duration | on of each period of com | nmitment for service is one |
| | for long-term service from a designated geice, aside from transmission constraints, mo | • | • | | |
| IU - 1 | for intermediate-term service from a design | ated gene | rating unit. The same as | LU service expect that "i | intermediate-term" means |
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| | For exchanges of electricity. Use this cate | | ansactions involving a bal | ancing of debits and cre | dits for energy, capacity, etc. |
| and | any settlements for imbalanced exchanges | | | | |
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| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of2016/Q4 |
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| debit 2. E acro | report all power purchases made during the stand credits for energy, capacity, etc.) an inter the name of the seller or other party ir nyms. Explain in a footnote any ownership column (b), enter a Statistical Classification | e year. Als d any settl n an excha n interest o | to report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the responden | ctricity (i.e., transactions changes. (a). Do not abbreviate and the seller. | or truncate the name or use |
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| Duk | e Energy Carolinas, LLC | (2) | An Onginal A Resubmission | 04/13/2017 | End of | 2016/Q4 |
| | | PURC | HASED POWER (Account 5 cluding power exchanges) | 55) | | |
| debi 2. E acro | Report all power purchases made during the ts and credits for energy, capacity, etc.) an inter the name of the seller or other party ir nyms. Explain in a footnote any ownership column (b), enter a Statistical Classification | e year. Als d any settl n an excha n interest o | to report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the responden | ctricity (i.e., transact changes. (a). Do not abbrevi thas with the seller. | ate or truncate | the name or use |
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| | firm service regardless of the Length of the e service in a footnote for each adjustment | | and service from designate | ed units of Less than | Tone year. Des | scribe the nature |
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| 5 | _ | LU | (1) | | | |
| | OWEN SOLAR, LLC | LU | (1) | | | |
| | PAUL M NEUBAUER | LU | (1) | | | |
| | PELZER HYDRO CO-LOWER PELZER | LU | (1) | | | |
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| 10 | PHARR YARNS LLC | IIU | 1(1) | | 1 | |
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| PURCHASED POWER (Account 555) 1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges. 2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the seller. 3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows: RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projects load for this service in its system resource planning). In addition, the reliability of requirement service must be the same as, or second only to, the supplier's service to its own ultimate consumers. LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service firm service which meets the definition of RQ service. For all transaction identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unilaterally get out of the contract. IF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less. LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit. IU | Nam | e of Respondent | This Re | port Is: An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
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| TOTAL | 10 11 12 13 | REBECCA A DURANTE REBECCA G LASKODY REBECCA T COBEY REDMON SOLAR FARM, LLC REI 2 LLC | LU LU LU | (1) (1) (1) (1) | | |
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| Nam | e of Respondent | This Re | An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|--|---|--|--|---|--|
| Duke | e Energy Carolinas, LLC | (1) | An Onginal A Resubmission | 04/13/2017 | End of2016/Q4 |
| | | PURC | HASED POWER (Account 5: cluding power exchanges) | 55) | |
| debi 2. E acro | eport all power purchases made during the sand credits for energy, capacity, etc.) and the name of the seller or other party in nyms. Explain in a footnote any ownership oclumn (b), enter a Statistical Classification | e year. Als d any settle a an exchar o interest or | o report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the respondent | ctricity (i.e., transactions changes. (a). Do not abbreviate of has with the seller. | or truncate the name or use |
| supp | for requirements service. Requirements solier includes projects load for this service in ame as, or second only to, the supplier's solies. | n its systen | n resource planning). In a | ddition, the reliability of | |
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| | For exchanges of electricity. Use this cate | | ansactions involving a bala | ancing of debits and cred | dits for energy, capacity, etc. |
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| OS - non- | any settlements for imbalanced exchanges for other service. Use this category only form service regardless of the Length of the | or those se contract a | rvices which cannot be pl | aced in the above-define | ed categories, such as all |
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| Nam | e of Respondent | This Re | port Is:]An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|-----------------------|---|--|--|--|---|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of 2016/Q4 |
| | | PURC | HASED POWER (Account 5 cluding power exchanges) | 555) | |
| debir 2. E acro | Report all power purchases made during the ts and credits for energy, capacity, etc.) an enter the name of the seller or other party ir nyms. Explain in a footnote any ownership or column (b), enter a Statistical Classification | e year. Als d any settl an excha o interest o | to report exchanges of elements for imbalanced exinge transaction in column raffiliation the responden | ectricity (i.e., transactions schanges. (a). Do not abbreviate t has with the seller. | or truncate the name or use |
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| | firm service regardless of the Length of the e service in a footnote for each adjustment | | and service from designat | ed units of Less than on | e year. Describe the nature |
| | <u> </u> | | FERC Rate | Average | Actual Demand (MW) |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) | Statistical Classifi- | Schedule or M | | rage Average |
| INO. | (a) | cation (b) | Tariff Number D | | CP Demand Monthly CP Demand e) (f) |
| 1 | SALEM ENERGY SYSTEMS, LLC | LU | (1) | (u) (| (1) |
| 2 | · | LU | (1) | | + |
| 3 | | LU | (1) | | |
| 4 | SHELBY RANDOLPH ROAD SOLAR I, LLC | LU | (1) | | |
| | SHELDON R PINNELL | LU | (1) | | |
| | SHOE SHOW, INC | LU | (1) | | |
| | SID SOLAR I, LLC | LU | (1) | | |
| 8 | · | LU | (1) | | |
| 9 | , | LU | (1) | | |
| | SOUTH WINSTON FARM, LLC | LU | (1) | | |
| | | LU | (1) | | |
| | SOUTH FADRIN POWER, INC | LU | (1) | | |
| | | LU | (1) | | |
| | I SPARTANRI IRC MATER SVSTEM | LU | I(' / | 1 | 1 |
| | SPARTANBURG WATER SYSTEM | 111 | (1) | | |
| | SPARTANBURG WATER SYSTEM SPENCER MOUNTAIN HYDROPOWER, LLC | LU | (1) | | |
| | | LU | (1) | | |
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| | | LU | (1) | | |

| Duke | e of Respondent | | eport Is: (]An Original | Date of R (Mo, Da, | | | eriod of Report |
|--|---|---|--|--|-------------------------------|---------------------------|---------------------------------------|
| | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/20 | | End of | 2016/Q4 |
| | | PURC | CHASED POWER (Acco | ount 555) es) | | | |
| debit 2. E acro | eport all power purchases made during the is and credits for energy, capacity, etc.) and neer the name of the seller or other party in nyms. Explain in a footnote any ownership column (b), enter a Statistical Classificatio | year. Als any sett an excha interest c | so report exchanges of ements for imbalance nge transaction in co or affiliation the respor | of electricity (i.e., ted exchanges. lumn (a). Do not and ndent has with the | abbreviate o | r truncate | the name or use |
| supp | for requirements service. Requirements solier includes projects load for this service in tame as, or second only to, the supplier's se | its syste | m resource planning). | In addition, the r | | | |
| econ ener whic | for long-term firm service. "Long-term" mea comic reasons and is intended to remain rel gy from third parties to maintain deliveries of the meets the definition of RQ service. For a seed as the earliest date that either buyer or | iable ever of LF serv II transact | n under adverse cond ice). This category sl ion identified as LF, p | itions (e.g., the sunculd not be used brovide in a footno | ipplier must for long-teri | attempt to m firm ser\ | buy emergency vice firm service |
| | or intermediate-term firm service. The sam five years. | ie as LF s | ervice expect that "in | termediate-term" ı | means longe | er than one | e year but less |
| | for short-term service. Use this category for less. | or all firm | services, where the d | uration of each pe | eriod of com | mitment fo | r service is one |
| | for long-term service from a designated ge ce, aside from transmission constraints, mu | | | | | | and reliability of |
| | for intermediate-term service from a designate than one year but less than five years. | ated gene | erating unit. The same | e as LU service e | xpect that "ir | ntermediat | e-term" means |
| | | | | | | | |
| | For exchanges of electricity. Use this cate | | ansactions involving | a balancing of del | oits and cred | lits for ene | rgy, capacity, etc. |
| and | any settlements for imbalanced exchanges. | | | | | | |
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| | e service in a footnote for each adjustment. | contract | and service from desi | gnated units of Le | | year. Des | scribe the nature |
| of the | e service in a footnote for each adjustment. Name of Company or Public Authority | Statistical Classifi- | FERC Rate Schedule or | gnated units of Le Average Monthly Billing | ess than one | year. Des | nand (MW) Average |
| of the | e service in a footnote for each adjustment. Name of Company or Public Authority (Footnote Affiliations) | contract Statistical | FERC Rate Schedule or Tariff Number | Average Monthly Billing Demand (MW) | Aver Monthly NO | Actual Den | nand (MW) |
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| of the Line No. | Name of Company or Public Authority (Footnote Affiliations) (a) SPENCER YOST | Statistical Classifi- cation (b) | FERC Rate Schedule or Tariff Number (c) | Average Monthly Billing Demand (MW) | Aver Monthly NO | Actual Den | nand (MW) Average Monthly CP Demand |
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| of the Line No. | Name of Company or Public Authority (Footnote Affiliations) (a) SPENCER YOST STANLEY CHAMBERLAIN STAR SOLAR, LLC | Statistical Classifi- cation (b) LU | FERC Rate Schedule or Tariff Number (c) (1) | Average Monthly Billing Demand (MW) | Aver Monthly NO | Actual Den | nand (MW) Average Monthly CP Demand |
| of the No. | Name of Company or Public Authority (Footnote Affiliations) (a) SPENCER YOST STANLEY CHAMBERLAIN STAR SOLAR, LLC STEVE MASON ENT, INC-LONG SHOALS | Statistical Classifi- cation (b) LU LU | FERC Rate Schedule or Tariff Number (c) (1) (1) | Average Monthly Billing Demand (MW) | Aver Monthly NO | Actual Den | nand (MW) Average Monthly CP Demand |
| of the No. | Name of Company or Public Authority (Footnote Affiliations) (a) SPENCER YOST STANLEY CHAMBERLAIN STAR SOLAR, LLC STEVE MASON ENT,INC-LONG SHOALS STEWART A BIBLE | Statistical Classifi- cation (b) LU LU LU | FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) | Average Monthly Billing Demand (MW) | Aver Monthly NO | Actual Den | nand (MW) Average Monthly CP Demand |
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| of the No. 1 2 3 4 5 6 7 | Name of Company or Public Authority (Footnote Affiliations) (a) SPENCER YOST STANLEY CHAMBERLAIN STAR SOLAR, LLC STEVE MASON ENT,INC-LONG SHOALS STEWART A BIBLE STIKELEATHER FARM,LLC STONEVILLE SOLAR LLC | Statistical Classification (b) LU | FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) | Average Monthly Billing Demand (MW) | Aver Monthly NO | Actual Den | nand (MW) Average Monthly CP Demand |
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| Duke | Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | , | End of | 2016/Q4 |
| | | PUR | CHASED POWER (Account cluding power exchanges) | 555) | | | |
| debit 2. El acroi | eport all power purchases made during the s and credits for energy, capacity, etc.) and the name of the seller or other party in hyms. Explain in a footnote any ownership column (b), enter a Statistical Classification | year. Als d any sett an excha | so report exchanges of e ements for imbalanced nge transaction in colun or affiliation the responde | lectricity (i.e., tran exchanges. n (a). Do not abl nt has with the se | breviate o eller. | r truncate | the name or use |
| supp | for requirements service. Requirements s lier includes projects load for this service in ame as, or second only to, the supplier's s | n its syste | m resource planning). Ir | addition, the reli | | | |
| econ energ which | for long-term firm service. "Long-term" me omic reasons and is intended to remain re gy from third parties to maintain deliveries in meets the definition of RQ service. For a ed as the earliest date that either buyer or | liable ever of LF serv Ill transact | n under adverse condition ice). This category shou ion identified as LF, pro | ns (e.g., the supp ld not be used fo ride in a footnote | olier must or long-terr | attempt to m firm serv | buy emergency vice firm service |
| | or intermediate-term firm service. The san five years. | ne as LF s | ervice expect that "inter | nediate-term" me | eans longe | er than one | e year but less |
| | for short-term service. Use this category for less. | or all firm | services, where the dura | tion of each perio | od of comr | mitment fo | r service is one |
| | for long-term service from a designated ge ce, aside from transmission constraints, m | | | | | | and reliability of |
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| | For exchanges of electricity. Use this cate | | ansactions involving a b | alancing of debits | s and cred | lits for ene | rgy, capacity, etc. |
| and a | any settlements for imbalanced exchanges | - | | | | | |
| OS - | for other service. Use this category only for | or those s | ervices which cannot be | | ovo dofino | | |
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| non-1 | firm service regardless of the Length of the | | | | | | |
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| Duke | Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of |
| | | PURC | HASED POWER (Account 5 cluding power exchanges) | 55) | |
| debit 2. E acro | eport all power purchases made during the s and credits for energy, capacity, etc.) and the the name of the seller or other party in hyms. Explain in a footnote any ownership column (b), enter a Statistical Classification | year. Als d any settle an excha interest o | to report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the respondent | ctricity (i.e., transactions changes. (a). Do not abbreviate (a) thas with the seller. | or truncate the name or use |
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| Duke | Energy Carolinas, LLC | (1) | An Onginal A Resubmission | 04/13/2017 | End of |
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| debit 2. E acro | eport all power purchases made during the sand credits for energy, capacity, etc.) an nter the name of the seller or other party in hyms. Explain in a footnote any ownership column (b), enter a Statistical Classification | e year. Als d any settl n an excha o interest o | to report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the respondent | ctricity (i.e., transactions changes. (a). Do not abbreviate of has with the seller. | or truncate the name or use |
| supp | for requirements service. Requirements slier includes projects load for this service in ame as, or second only to, the supplier's slier. | n its syster | n resource planning). In a | ddition, the reliability of i | |
| econ ener whic | for long-term firm service. "Long-term" me omic reasons and is intended to remain re gy from third parties to maintain deliveries h meets the definition of RQ service. For a ed as the earliest date that either buyer or | liable ever of LF servi all transacti | n under adverse conditions ce). This category should ion identified as LF, provice | (e.g., the supplier must not be used for long-ter e in a footnote the termi | attempt to buy emergency m firm service firm service |
| | or intermediate-term firm service. The sar five years. | ne as LF s | ervice expect that "interme | ediate-term" means longe | er than one year but less |
| | for short-term service. Use this category f or less. | or all firm s | services, where the duration | n of each period of com | mitment for service is one |
| 1 | for long-term service from a designated ge ce, aside from transmission constraints, m | • | • | | |
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| Name of Respondent | This Re | port Is: An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|--|--|--|--|--|
| Duke Energy Carolinas, LLC | (2) | An Onginal A Resubmission | 04/13/2017 | End of2016/Q4 |
| | PURC | HASED POWER (Account 5 cluding power exchanges) | 55) | |
| 1. Report all power purchases made during the debits and credits for energy, capacity, etc.) at 2. Enter the name of the seller or other party acronyms. Explain in a footnote any ownership. 3. In column (b), enter a Statistical Classification. | ne year. Als nd any settl in an excha ip interest o | o report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the respondent | ctricity (i.e., transactions changes. (a). Do not abbreviate of thas with the seller. | or truncate the name or use |
| RQ - for requirements service. Requirements supplier includes projects load for this service the same as, or second only to, the supplier's | in its syster | n resource planning). In a | ddition, the reliability of | |
| LF - for long-term firm service. "Long-term" meconomic reasons and is intended to remain renergy from third parties to maintain deliveries which meets the definition of RQ service. For defined as the earliest date that either buyer or | eliable ever s of LF servi all transact | n under adverse conditions ice). This category should ion identified as LF, provic | s (e.g., the supplier must I not be used for long-ter le in a footnote the termi | attempt to buy emergency m firm service firm service |
| IF - for intermediate-term firm service. The sa than five years. | me as LF s | ervice expect that "interme | ediate-term" means long | er than one year but less |
| SF - for short-term service. Use this category year or less. | for all firm s | services, where the duration | on of each period of com | mitment for service is one |
| LU - for long-term service from a designated g service, aside from transmission constraints, r | • | • | , | · · · · · · · · · · · · · · · · · · · |
| | | | | |
| IU - for intermediate-term service from a desig longer than one year but less than five years. | nated gene | rating unit. The same as | LU service expect that "i | ntermediate-term" means |
| longer than one year but less than five years. | | | | |
| EX - For exchanges of electricity. Use this car | | ansactions involving a bala | ancing of debits and cred | dits for energy, capacity, etc. |
| and any settlements for imbalanced exchange | S. | | | |
| OS - for other service. Use this category only | for those se | ervices which cannot be pl | aced in the above-define | ed categories, such as all |
| non-firm service regardless of the Length of th | | | | |
| of the service in a footnote for each adjustmer | nt. | | | |
| Line Name of Company or Public Authority | Statistical | | Average | Actual Demand (MW) |
| No. (Footnote Affiliations) | cation | | onthly Billing Aver emand (MW) Monthly No | rage Average CP Demand Monthly CP Demand |
| (a) | (b) | (c) | (d) (e | e) (f) |
| 1 WHITE CROSS FARM, LLC | LU | (1) | | |
| 2 WHITE OAK OF SALUDA, LLC | LU | (1) | | |
| 3 WILKES COUNTY | LU | (1) | | |
| 4 WILLIAM D MOORE | LU | (1) | | |
| 5 WILLIAM P MILLER | LU | (1) | | |
| 6 WILLIAM RANDALL YOUNTS | LU | (1) | | |
| 7 WM RENEWABLE ENERGY, LLC | LU | (1) | | |
| 8 WM3 PROPERTIES | LU | (1) | | |
| 9 WRIGHT OF THOMASVILLE INC | LU | (1) | | |
| 10 YADKIN 601 FARM, LLC | LU | (1) | | |
| 11 YADKINVILLE SOLAR, LLC | LU | (1) | | |
| 12 YORK ROAD SOLAR I, LLC | LU | (1) | | |
| 13 YUZE HOLDINGS LLC | IU | (1) | | |
| 14 YVES NAAR | LU | (1) | | 1 |
| | LU | (1) | | |
| | LU | | | |
| | LU | (1) | | |
| | LU | | | |
| Total | LO | | | |

| Dute | e of Respondent | | port Is: An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|---|---|---|---|---|---|
| Duke | e Energy Carolinas, LLC | (1) | An Onginal A Resubmission | 04/13/2017 | End of 2016/Q4 |
| | | PURC | HASED POWER (Account 5 cluding power exchanges) | 55) | |
| debit 2. E acroi 3. In | eport all power purchases made during the is and credits for energy, capacity, etc.) and nter the name of the seller or other party in nyms. Explain in a footnote any ownership a column (b), enter a Statistical Classification for requirements service. Requirements service. | e year. Als d any settl an excha interest o on Code ba | so report exchanges of elements for imbalanced ex ements for imbalanced ex nge transaction in columr r affiliation the responden ased on the original contra ervice which the supplier | ectricity (i.e., transactions changes. (a). Do not abbreviate thas with the seller. actual terms and conditionals to provide on an o | or truncate the name or use ons of the service as follows: |
| the s | lier includes projects load for this service in ame as, or second only to, the supplier's s for long-term firm service. "Long-term" me | ervice to it | s own ultimate consumer | S. | · |
| econ ener | nomic reasons and is intended to remain regy from third parties to maintain deliveries the meets the definition of RQ service. For a sed as the earliest date that either buyer or | liable ever of LF servi all transact | n under adverse condition ice). This category shoul- ion identified as LF, provi | s (e.g., the supplier mus d not be used for long-te de in a footnote the term | t attempt to buy emergency rm firm service firm service |
| | or intermediate-term firm service. The san five years. | ne as LF s | ervice expect that "interm | ediate-term" means long | er than one year but less |
| | for short-term service. Use this category for less. | or all firm s | services, where the durati | on of each period of con | nmitment for service is one |
| | for long-term service from a designated ge ce, aside from transmission constraints, m | • | • | , | |
| | for intermediate-term service from a design er than one year but less than five years. | ated gene | rating unit. The same as | LU service expect that " | intermediate-term" means |
| | For exchanges of electricity. Use this cate | | ansactions involving a ba | ancing of debits and cre | dits for energy, capacity, etc. |
| and | any settlements for imbalanced exchanges | ·. | | | |
| os - | for other service. Use this category only for | or those se | ervices which cannot be p | laced in the above-defin | ed categories, such as all |
| | firm service regardless of the Length of the | contract o | | | |
| TOI III | o convice in a factnete for each adjustment | | and service from designat | ed units of Less than on | |
| H | e service in a footnote for each adjustment | | - | | e year. Describe the nature |
| Line | Name of Company or Public Authority | . Statistical | FERC Rate | Average | e year. Describe the nature Actual Demand (MW) |
| | Name of Company or Public Authority (Footnote Affiliations) | Statistical Classifi- cation | FERC Rate Schedule or M Tariff Number D | Average onthly Billing Ave | Actual Demand (MW) rage Average CP Demand Monthly CP Demand |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) (a) | Statistical Classifi- cation (b) | FERC Rate Schedule or M Tariff Number D (c) | Average onthly Billing Ave | Actual Demand (MW) rage Average |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) (a) SOUTHEASTERN POWER | Statistical Classification (b) | FERC Rate Schedule or M Tariff Number D | Average onthly Billing Ave | Actual Demand (MW) rage Average CP Demand Monthly CP Demand |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) (a) | Statistical Classifi- cation (b) | FERC Rate Schedule or M Tariff Number D (c) | Average onthly Billing Ave | Actual Demand (MW) rage Average CP Demand Monthly CP Demand |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) (a) SOUTHEASTERN POWER | Statistical Classification (b) | FERC Rate Schedule or M Tariff Number D (c) | Average onthly Billing Ave | Actual Demand (MW) rage Average CP Demand Monthly CP Demand |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) (a) SOUTHEASTERN POWER RESIDENTIAL SOLAR CREDIT NORTH CAROLINA MUNICIPAL POWER NORTH CAROLINA ELECTRIC MEMBER | Statistical Classifi- cation (b) OS | FERC Rate Schedule or Tariff Number (c) | Average onthly Billing Ave | Actual Demand (MW) rage Average CP Demand Monthly CP Demand |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) (a) SOUTHEASTERN POWER RESIDENTIAL SOLAR CREDIT NORTH CAROLINA MUNICIPAL POWER | Statistical Classifi- cation (b) OS OS | FERC Rate Schedule or Tariff Number (c) 124 | Average onthly Billing Ave | Actual Demand (MW) rage Average CP Demand Monthly CP Demand |
| Line No. 1 2 3 4 5 | Name of Company or Public Authority (Footnote Affiliations) (a) SOUTHEASTERN POWER RESIDENTIAL SOLAR CREDIT NORTH CAROLINA MUNICIPAL POWER NORTH CAROLINA ELECTRIC MEMBER CORPORATION | Statistical Classifi- cation (b) OS OS | FERC Rate Schedule or Tariff Number (c) 124 | Average onthly Billing Ave | Actual Demand (MW) rage Average CP Demand Monthly CP Demand |
| Line No. 1 2 3 4 5 | Name of Company or Public Authority (Footnote Affiliations) (a) SOUTHEASTERN POWER RESIDENTIAL SOLAR CREDIT NORTH CAROLINA MUNICIPAL POWER NORTH CAROLINA ELECTRIC MEMBER CORPORATION | Statistical Classifi- cation (b) OS OS EX | FERC Rate Schedule or Tariff Number (c) 124 271 | Average onthly Billing Ave | Actual Demand (MW) rage Average CP Demand Monthly CP Demand |
| Line No. 1 2 3 4 5 6 7 | Name of Company or Public Authority (Footnote Affiliations) (a) SOUTHEASTERN POWER RESIDENTIAL SOLAR CREDIT NORTH CAROLINA MUNICIPAL POWER NORTH CAROLINA ELECTRIC MEMBER CORPORATION PIEDMONT MUNICIPAL POWER AGENCY | Statistical Classification (b) OS OS EX EX | FERC Rate Schedule or Tariff Number (c) 124 271 273 | Average onthly Billing Ave | Actual Demand (MW) rage Average CP Demand Monthly CP Demand |
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| Line No. 1 2 3 4 5 6 7 8 9 | Name of Company or Public Authority (Footnote Affiliations) (a) SOUTHEASTERN POWER RESIDENTIAL SOLAR CREDIT NORTH CAROLINA MUNICIPAL POWER NORTH CAROLINA ELECTRIC MEMBER CORPORATION PIEDMONT MUNICIPAL POWER AGENCY NORTH CAROLINA MUNICIPAL POWER NORTH CAROLINA MUNICIPAL POWER | Statistical Classification (b) OS OS EX EX EX OS | FERC Rate Schedule or Tariff Number (c) 124 271 273 314 271 | Average onthly Billing Ave | Actual Demand (MW) rage Average CP Demand Monthly CP Demand |
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| Line No. 1 2 3 4 5 6 7 8 9 10 11 12 | Name of Company or Public Authority (Footnote Affiliations) (a) SOUTHEASTERN POWER RESIDENTIAL SOLAR CREDIT NORTH CAROLINA MUNICIPAL POWER NORTH CAROLINA ELECTRIC MEMBER CORPORATION PIEDMONT MUNICIPAL POWER AGENCY NORTH CAROLINA MUNICIPAL POWER NORTH CAROLINA ELECTRIC MEMBER CORPORATION PIEDMONT MUNICIPAL POWER AGENCY NORTH CAROLINA ELECTRIC MEMBER CORPORATION PIEDMONT MUNICIPAL POWER AGENCY BLUE RIDGE ELECTRIC MEMBERSHIP | Statistical Classification (b) OS OS EX EX OS OS OS | FERC Rate Schedule or Tariff Number (c) 124 271 273 314 271 273 | Average onthly Billing Ave | Actual Demand (MW) rage Average CP Demand Monthly CP Demand |
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| Line No. 1 2 3 4 5 6 7 8 9 10 11 12 13 | Name of Company or Public Authority (Footnote Affiliations) (a) SOUTHEASTERN POWER RESIDENTIAL SOLAR CREDIT NORTH CAROLINA MUNICIPAL POWER NORTH CAROLINA ELECTRIC MEMBER CORPORATION PIEDMONT MUNICIPAL POWER AGENCY NORTH CAROLINA MUNICIPAL POWER NORTH CAROLINA MUNICIPAL POWER CORPORATION PIEDMONT MUNICIPAL POWER AGENCY BUE RIDGE ELECTRIC MEMBERSHIP CORPORATION BLUE RIDGE ELECTRIC MEMBERSHIP | Statistical Classification (b) OS OS EX EX OS OS OS RQ | FERC Rate Schedule or Tariff Number (c) 124 271 273 314 271 273 314 315 | Average onthly Billing Ave | Actual Demand (MW) rage Average CP Demand Monthly CP Demand |
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| Nam | e of Respondent | This Re | eport Is: []An Original | Date of Report | Year/Period of Report |
|----------------------|---|--|--|---|---|
| Duke | e Energy Carolinas, LLC | (1) <u> </u> <u>x</u> | An Onginal A Resubmission | (Mo, Da, Yr) 04/13/2017 | End of 2016/Q4 |
| | | PURC | CHASED POWER (Account 5 cluding power exchanges) | 55) | |
| debi 2. E acro | eport all power purchases made during the ts and credits for energy, capacity, etc.) and nter the name of the seller or other party in nyms. Explain in a footnote any ownership oclumn (b), enter a Statistical Classification | year. Als d any settl an excha interest o | so report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the responden | ctricity (i.e., transaction changes. (a). Do not abbreviate t has with the seller. | or truncate the name or use |
| supp | for requirements service. Requirements solier includes projects load for this service in same as, or second only to, the supplier's s | n its syster | m resource planning). In a | addition, the reliability of | |
| ecor ener whic | for long-term firm service. "Long-term" me nomic reasons and is intended to remain re gy from third parties to maintain deliveries th meets the definition of RQ service. For a ned as the earliest date that either buyer or | liable ever of LF servi Ill transact | n under adverse condition: ice). This category should ion identified as LF, provid | s (e.g., the supplier mus I not be used for long-te le in a footnote the tern | et attempt to buy emergency erm firm service firm service |
| | or intermediate-term firm service. The san five years. | ne as LF s | ervice expect that "interm | ediate-term" means lon | ger than one year but less |
| | for short-term service. Use this category for less. | or all firm s | services, where the duration | on of each period of cor | nmitment for service is one |
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| IU - | for intermediate-term service from a design | ated gene | rating unit. The same as | LU service expect that | "intermediate-term" means |
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| FY_ | For exchanges of electricity. Use this cate | aory for tr | ansactions involving a hal | ancing of dehits and cre | adits for energy canacity etc |
| | any settlements for imbalanced exchanges | | ansactions involving a bai | anding of debits and ord | cuits for energy, capacity, etc. |
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| non- | for other service. Use this category only for service regardless of the Length of the | contract a | | | |
| or th | e service in a footnote for each adjustment | | | 1 | |
| Line | Name of Company or Public Authority | Statistical Classifi- | FERC Rate Schedule or M | Average Average | Actual Demand (MW) erage Average |
| No. | (Footnote Affiliations) | cation | Tariff Number De | emand (MW) Monthly N | NCP Demand Monthly CP Demand |
| | (a) | (b) | (c) | (d) | (e) (f) |
| 1 | CARGILL POWER MARKETS, LLC | os | (2) | | |
| 2 | CHEROKEE COUNTY COGENERATION | os | (2) | | |
| 3 | PARTNERS, LLC | | | | |
| 4 | CHEROKEE COUNTY COGENERATION | AD | (2) | | |
| 5 | PARTNERS, LLC | | | | |
| 6 | CITY OF CONCORD, NORTH CAROLINA | RQ | 327 | | |
| 7 | , , | RQ | 331 | | |
| | DE PROGRESS | OS | 341 | | |
| | DE PROGRESS | AD | 341 | | |
| | EXELON GENERATION COMPANY LLC | os | (2) | | |
| 11 | HAYWOOD ELECTRIC MEMBERSHIP | RQ | 335 | | |
| 12 | CORPORATION | | | | |
| 13 | HAYWOOD ELECTRIC MEMBERSHIP | AD | 335 | | |
| 14 | CORPORATION | | | | |
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| 1 | | | | | |
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| | Total | | | | |

| | e of Respondent | This Re | An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|--|---|--|--|--|--|
| Duke | e Energy Carolinas, LLC | (1) | An Onginal A Resubmission | 04/13/2017 | End of |
| | | PURC | HASED POWER (Account 5 cluding power exchanges) | 55) | + |
| debit 2. E acro 3. In | Report all power purchases made during the ts and credits for energy, capacity, etc.) an inter the name of the seller or other party in nyms. Explain in a footnote any ownership column (b), enter a Statistical Classification for requirements service. Requirements service. | e year. Als d any settl n an excha o interest o on Code ba | or report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the respondent ased on the original contra | ctricity (i.e., transactions changes. (a). Do not abbreviate (a) thas with the seller. Inctual terms and condition | or truncate the name or use as follows: |
| supp | olier includes projects load for this service is ame as, or second only to, the supplier's s | n its syster | n resource planning). In a | addition, the reliability of | |
| econ ener | for long-term firm service. "Long-term" me nomic reasons and is intended to remain re gy from third parties to maintain deliveries h meets the definition of RQ service. For a ned as the earliest date that either buyer or | liable ever of LF servi all transact | n under adverse conditions ce). This category should ion identified as LF, provid | s (e.g., the supplier must I not be used for long-te le in a footnote the termi | attempt to buy emergency m firm service firm service |
| | or intermediate-term firm service. The sar five years. | ne as LF s | ervice expect that "interme | ediate-term" means long | er than one year but less |
| | for short-term service. Use this category for less. | or all firm s | services, where the duration | on of each period of com | mitment for service is one |
| | for long-term service from a designated geice, aside from transmission constraints, m | • | • | , | , |
| | for intermediate-term service from a desigr er than one year but less than five years. | nated gene | rating unit. The same as | LU service expect that "i | ntermediate-term" means |
| EX - | For exchanges of electricity. Use this cate | egory for tr | ansactions involving a bal | ancing of debits and cre | dits for energy, capacity, etc. |
| | any settlements for imbalanced exchanges | | 9 · · · | 9 | 3,7, 11, 11, 13, 11, 11, 11, 11, 11, 11, 11 |
| OS - | for other service. Use this category only f | or those se | ervices which cannot be p | aced in the above-define | ed categories, such as all |
| non- | firm service regardless of the Length of the | contract a | | | |
| OI till | e service in a footnote for each adjustment | ı | I I | | |
| Line | Name of Company or Public Authority | Statistical | FERC Rate | Average | |
| No. | l ' . ' | Classifi- | | 5 | Actual Demand (MW) |
| | (Footnote Affiliations) | Classifi- cation | Schedule or Mariff Number De | onthly Billing Ave emand (MW) Monthly N | rage Average CP Demand Monthly CP Demand |
| | (a) | cation (b) | Schedule or Months Tariff Number De (c) | onthly Billing Ave emand (MW) Monthly N | rage Average |
| | (a) MIDWEST INDEPENDENT SYSTEM | cation (b) OS | Schedule or Tariff Number (c) (2) | onthly Billing Ave emand (MW) Monthly N | rage Average CP Demand Monthly CP Demand |
| 2 | (a) MIDWEST INDEPENDENT SYSTEM MORGAN STANLEY CAPITAL GROUP INC. | cation (b) OS OS | Schedule or Tariff Number (c) (2) (2) | onthly Billing Ave emand (MW) Monthly N | rage Average CP Demand Monthly CP Demand |
| 2 | (a) MIDWEST INDEPENDENT SYSTEM MORGAN STANLEY CAPITAL GROUP INC. NC ELECTRIC MEMBER CORPORATION | cation (b) OS OS RQ | Schedule or Tariff Number (c) (2) (2) (2) | onthly Billing Ave emand (MW) Monthly N | rage Average CP Demand Monthly CP Demand |
| 2 3 4 | (a) MIDWEST INDEPENDENT SYSTEM MORGAN STANLEY CAPITAL GROUP INC. NC ELECTRIC MEMBER CORPORATION NC ELECTRIC MEMBER CORPORATION | cation (b) OS OS | Schedule or Tariff Number (c) (2) (2) | onthly Billing Ave emand (MW) Monthly N | rage Average CP Demand Monthly CP Demand |
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| 2 3 4 5 6 7 | (a) MIDWEST INDEPENDENT SYSTEM MORGAN STANLEY CAPITAL GROUP INC. NC ELECTRIC MEMBER CORPORATION NC ELECTRIC MEMBER CORPORATION North Carolina Municipal Power Agency Number 1 North Carolina Municipal Power | cation (b) OS OS RQ OS | Schedule or Tariff Number (c) (2) (2) (2) 326 (2) | onthly Billing Ave emand (MW) Monthly N | rage Average CP Demand Monthly CP Demand |
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| 2 3 4 5 6 7 | (a) MIDWEST INDEPENDENT SYSTEM MORGAN STANLEY CAPITAL GROUP INC. NC ELECTRIC MEMBER CORPORATION NC ELECTRIC MEMBER CORPORATION North Carolina Municipal Power Agency Number 1 North Carolina Municipal Power | cation (b) OS OS RQ OS RQ | Schedule or Tariff Number (c) (2) (2) (2) (2) (326 | onthly Billing Ave emand (MW) Monthly N | rage Average CP Demand Monthly CP Demand |
| 2 3 4 5 6 7 8 | (a) MIDWEST INDEPENDENT SYSTEM MORGAN STANLEY CAPITAL GROUP INC. NC ELECTRIC MEMBER CORPORATION NC ELECTRIC MEMBER CORPORATION North Carolina Municipal Power Agency Number 1 North Carolina Municipal Power Agency Number 1 | cation (b) OS OS RQ OS RQ OS | Schedule or Tariff Number (c) (2) (2) (2) (2) (2) 326 (2) 318 | onthly Billing Ave emand (MW) Monthly N | rage Average CP Demand Monthly CP Demand |
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| Nam | e of Respondent | This Re | port Is: []An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|--------------------------------|--|--|---|--|---|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of |
| | | PURC | HASED POWER (Account 59 cluding power exchanges) | 55) | |
| debi 2. E acro | teport all power purchases made during the ts and credits for energy, capacity, etc.) and inter the name of the seller or other party in nyms. Explain in a footnote any ownership in column (b), enter a Statistical Classification | year. Als d any settl an excha interest o | to report exchanges of ele- ements for imbalanced exc nge transaction in column r affiliation the respondent | ctricity (i.e., transactions changes. (a). Do not abbreviate has with the seller. | or truncate the name or use |
| supp | for requirements service. Requirements solier includes projects load for this service in same as, or second only to, the supplier's se | its syster | n resource planning). In a | ddition, the reliability of | |
| ecor ener whic | for long-term firm service. "Long-term" meanomic reasons and is intended to remain religy from third parties to maintain deliveries of himeets the definition of RQ service. For a need as the earliest date that either buyer or | iable ever of LF servi II transact | n under adverse conditions ce). This category should ion identified as LF, provid | (e.g., the supplier musion not be used for long-telle in a footnote the term | t attempt to buy emergency |
| | or intermediate-term firm service. The same five years. | ie as LF s | ervice expect that "interme | ediate-term" means long | er than one year but less |
| | for short-term service. Use this category for less. | or all firm s | services, where the duration | on of each period of com | nmitment for service is one |
| | for long-term service from a designated geice, aside from transmission constraints, mo | • | • | , | |
| | for intermediate-term service from a design er than one year but less than five years. | ated gene | rating unit. The same as I | _U service expect that " | intermediate-term" means |
| long | or than one year but lede than hive years. | | | | |
| | For exchanges of electricity. Use this cate | | ansactions involving a bala | ancing of debits and cre | dits for energy, capacity, etc. |
| and | any settlements for imbalanced exchanges | | | | |
| 08- | for other service. Use this category only for | or those se | arvices which cannot be n | aced in the above-defin | ed categories, such as all |
| | firm service regardless of the Length of the | | | | |
| | e service in a footnote for each adjustment. | | · | | |
| Line | Name of Company or Public Authority | Statistical | FERC Rate | Average | Actual Demand (MW) |
| No. | (Footnote Affiliations) | Classifi- cation | | | rage Average CP Demand Monthly CP Demand |
| | (a) | (b) | (c) | ` ' | e) (f) |
| 1 | PJM SETTLEMENTS, INC | os | (2) | | |
| 2 | PJM SETTLEMENTS, INC | AD | (2) | | |
| 3 | SOUTH CAROLINA ELECTRIC & GAS | os | (2) | | |
| 4 | SOUTHERN COMPANY SERVICES, INC | os | (2) | | |
| 5 | SOUTHERN COMPANY SERVICES, INC | AD | (2) | | |
| 6 | TENNESSEE VALLEY AUTHORITY | os | (2) | | |
| | | | | | |
| 7 | THE ENERGY AUTHORITY | os | (2) | | ļ . |
| 7 | | OS RQ | (2) 328 | | |
| | TOWN OF DALLAS, NORTH CAROLINA | | | | |
| 8 | TOWN OF DALLAS, NORTH CAROLINA TOWN OF FOREST CITY, NORTH | RQ | 328 | | |
| 8 | TOWN OF DALLAS, NORTH CAROLINA TOWN OF FOREST CITY, NORTH WESTAR ENERGY, INC | RQ RQ | 328 330 | | |
| 8 9 10 | TOWN OF DALLAS, NORTH CAROLINA TOWN OF FOREST CITY, NORTH WESTAR ENERGY, INC | RQ RQ OS | 328 330 (2) | | |
| 8 9 10 11 | TOWN OF DALLAS, NORTH CAROLINA TOWN OF FOREST CITY, NORTH WESTAR ENERGY, INC BROAD RIVER ENERGY CENTER C/O CALPINE CORP | RQ RQ OS | 328 330 (2) | | |
| 8 9 10 11 12 13 | TOWN OF DALLAS, NORTH CAROLINA TOWN OF FOREST CITY, NORTH WESTAR ENERGY, INC BROAD RIVER ENERGY CENTER C/O CALPINE CORP CARGILL-ALLIANT, LLC | RQ RQ OS EX | 328 330 (2) (3) | | |
| 8 9 10 11 12 13 | TOWN OF DALLAS, NORTH CAROLINA TOWN OF FOREST CITY, NORTH WESTAR ENERGY, INC BROAD RIVER ENERGY CENTER C/O CALPINE CORP CARGILL-ALLIANT, LLC | RQ RQ OS EX | 328 330 (2) (3) | | |
| 8 9 10 11 12 13 | TOWN OF DALLAS, NORTH CAROLINA TOWN OF FOREST CITY, NORTH WESTAR ENERGY, INC BROAD RIVER ENERGY CENTER C/O CALPINE CORP CARGILL-ALLIANT, LLC | RQ RQ OS EX | 328 330 (2) (3) | | |
| 8 9 10 11 12 13 | TOWN OF DALLAS, NORTH CAROLINA TOWN OF FOREST CITY, NORTH WESTAR ENERGY, INC BROAD RIVER ENERGY CENTER C/O CALPINE CORP CARGILL-ALLIANT, LLC | RQ RQ OS EX | 328 330 (2) (3) | | |
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| 8 9 10 11 12 13 | TOWN OF DALLAS, NORTH CAROLINA TOWN OF FOREST CITY, NORTH WESTAR ENERGY, INC BROAD RIVER ENERGY CENTER C/O CALPINE CORP CARGILL-ALLIANT, LLC | RQ RQ OS EX | 328 330 (2) (3) | | |

| Nam | e of Respondent | This Re | port Is: An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
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| Duke | e Energy Carolinas, LLC | (2) | An Onginal A Resubmission | 04/13/2017 | End of 2016/Q4 |
| | | PURC | HASED POWER (Account 5 cluding power exchanges) | 55) | + |
| debi 2. E acro 3. Ir RQ - supp the s | Report all power purchases made during the its and credits for energy, capacity, etc.) and inter the name of the seller or other party in nyms. Explain in a footnote any ownership in column (b), enter a Statistical Classification for requirements service. Requirements solier includes projects load for this service in same as, or second only to, the supplier's service. | year. Als d any settle an excha interest of on Code baservice is so ervice is so its syster ervice to it | so report exchanges of elements for imbalanced exinge transaction in column raffiliation the respondent ased on the original contractive which the supplier in resource planning). In a sown ultimate consumers | ectricity (i.e., transaction changes. (a). Do not abbreviate thas with the seller. actual terms and conditional terms to provide on an addition, the reliability of s. | or truncate the name or use ons of the service as follows: ongoing basis (i.e., the f requirement service must be |
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| | for short-term service. Use this category for less. | or all firm s | services, where the duration | on of each period of co | mmitment for service is one |
| 1 | for long-term service from a designated geice, aside from transmission constraints, mo | • | • | , | |
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| | For exchanges of electricity. Use this cate | | ansactions involving a bal | ancing of debits and cr | edits for energy, capacity, etc. |
| and | any settlements for imbalanced exchanges | | | | |
| os - | for other service. Use this category only for | or those se | ervices which cannot be p | laced in the above-defin | ned categories, such as all |
| | firm service regardless of the Length of the | | and service from designate | ed units of Less than or | ne year. Describe the nature |
| or th | e service in a footnote for each adjustment. | | | | |
| Line | Name of Company or Public Authority | Statistical Classifi- | FERC Rate Schedule or M | Average Average Av | Actual Demand (MW) erage Average |
| No. | (Footnote Affiliations) | cation | Tariff Number De | emand (MW) Monthly I | NCP Demand Monthly CP Demand |
| | (a) | (b) | (c) | (d) | (e) (f) |
| 1 | | EX | (3) | | |
| 2 | SOUTHERN POWER COMPANY - | EX | (3) | | |
| 3 | CLEVELAND PLANT | | | | |
| 4 | SOUTHERN POWER COMPANY - | EX | (3) | | |
| 5 | ROWAN PLANT | | | | |
| 6 | CITY OF SENECA | EX | 4 | | |
| 7 | ENERGYUNITED ELECTRIC MEMB | EX | 4 | | |
| 8 | NC ELECTRIC MEMBERSHIP CORPOR | EX | 4 | | |
| 9 | NCMPA | EX | 4 | | |
| | | EX | 4 | | |
| 11 | SCE&G COMPANY | EX | 4 | | |
| 12 | SOUTH CAROLINA PUBLIC SERVICE | EX | 4 | | |
| 1 40 | ' | | 1 | 1 | · |
| 13 | AUTHORITY - P2P | | | | |
| 13 | | OS | FERC 890 | | |
| | | OS | FERC 890 | | |
| | | OS | FERC 890 | | |
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| | | OS | FERC 890 | | |
| | | OS | FERC 890 | | |

| Duke | e of Respondent | | port Is: An Original | Date of Report | Year/P | eriod of Report |
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| | e Energy Carolinas, LLC | (1) <u> X</u> (2) | An Onginal A Resubmission | (Mo, Da, Yr) 04/13/2017 | End of | 2016/Q4 |
| | | PURC | HASED POWER (Account scluding power exchanges) | 555) | 1 | |
| debit 2. E acro | eport all power purchases made during the is and credits for energy, capacity, etc.) an inter the name of the seller or other party in in a footnote any ownership column (b), enter a Statistical Classification | e year. Als d any settl n an excha o interest o | oreport exchanges of elements for imbalanced en ements for imbalanced en nge transaction in columi r affiliation the responder | ectricity (i.e., transac cchanges. n (a). Do not abbrev t has with the seller | viate or truncate | the name or use |
| supp | for requirements service. Requirements solier includes projects load for this service is ame as, or second only to, the supplier's solier. | n its syster | n resource planning). In | addition, the reliabili | | |
| econ ener whic | for long-term firm service. "Long-term" me nomic reasons and is intended to remain re gy from third parties to maintain deliveries h meets the definition of RQ service. For a ned as the earliest date that either buyer or | liable ever of LF servi all transact | n under adverse condition ice). This category shoul ion identified as LF, provi | s (e.g., the supplier d not be used for lor de in a footnote the | must attempt to ng-term firm serv | buy emergency vice firm service |
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| | for short-term service. Use this category for less. | or all firm s | services, where the durat | on of each period of | f commitment fo | r service is one |
| | for long-term service from a designated geice, aside from transmission constraints, m | • | • | | • | and reliability of |
| | for intermediate-term service from a design | nated gene | rating unit. The same as | LU service expect t | that "intermediat | e-term" means |
| longe | er than one year but less than five years. | | | | | |
| EX - | For exchanges of electricity. Use this cate | egory for tr | ansactions involving a ba | lancing of debits and | d credits for ene | ergy, capacity, etc. |
| | any settlements for imbalanced exchanges | | · · | · · | | |
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| | for other service. Use this category only f firm service regardless of the Length of the | | | | | |
| | <u> </u> | | | | | scribe the nature - i |
| | e service in a footnote for each adjustment | i. | | | | scribe the nature |
| Line | - | Statistical | FERC Rate | Average | Actual Den | nand (MW) |
| Line No. | Name of Company or Public Authority (Footnote Affiliations) | Statistical Classifi- | Schedule or N | Ionthly Billing | Average | nand (MW) Average |
| | Name of Company or Public Authority | Statistical | Schedule or N | Ionthly Billing | Average | nand (MW) |
| | Name of Company or Public Authority (Footnote Affiliations) | Statistical Classifi- cation | Schedule or Nariff Number D | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. | Name of Company or Public Authority (Footnote Affiliations) (a) | Statistical Classifi- cation (b) | Schedule or Mariff Number D | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC | Statistical Classifi- cation (b) | Schedule or Tariff Number C C) FERC 890 | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS | Statistical Classifi- cation (b) OS | Schedule or Tariff Number (c) FERC 890 FERC 890 | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC | Statistical Classifi- cation (b) OS OS OS | Schedule or Tariff Number (c) FERC 890 FERC 890 FERC 890 | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM | Statistical Classifi- cation (b) OS OS OS | Schedule or Tariff Number (c) FERC 890 FERC 890 FERC 890 FERC 890 | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 5 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM FPLEMT (REGULATED MARKETING ARM | Statistical Classifi- cation (b) OS OS OS | Schedule or Tariff Number (c) FERC 890 FERC 890 FERC 890 FERC 890 FERC 890 FERC 890 | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 5 6 7 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM FPLEMT (REGULATED MARKETING ARM OF FP&L) | Statistical Classifi- cation (b) OS OS OS OS OS | Schedule or Tariff Number (c) FERC 890 | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 5 6 7 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM FPLEMT (REGULATED MARKETING ARM OF FP&L) LOCKHART POWER COMPANY | Statistical Classifi- cation (b) OS OS OS OS OS OS | Schedule or Tariff Number (c) FERC 890 | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 5 6 7 8 9 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM FPLEMT (REGULATED MARKETING ARM OF FP&L) LOCKHART POWER COMPANY MERCURIA ENERGY AMERICAN | Statistical Classifi- cation (b) OS OS OS OS OS OS | Schedule or Tariff Number (c) FERC 890 | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 5 6 7 8 9 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM FPLEMT (REGULATED MARKETING ARM OF FP&L) LOCKHART POWER COMPANY MERCURIA ENERGY AMERICAN MORGAN STANLEY CAPITAL GROUP INC | Statistical Classifi- cation (b) OS OS OS OS OS OS OS | Schedule or Tariff Number (c) FERC 890 | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 5 6 7 8 9 10 11 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM FPLEMT (REGULATED MARKETING ARM OF FP&L) LOCKHART POWER COMPANY MERCURIA ENERGY AMERICAN MORGAN STANLEY CAPITAL GROUP INC NOBLE AMERICAS GAS & POWER SOUTH CAROLINA PUBLIC SERVICE AUTHORITY - P2P | Statistical Classifi- cation (b) OS | Schedule or Tariff Number (c) FERC 890 | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 5 6 7 8 9 10 11 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM FPLEMT (REGULATED MARKETING ARM OF FP&L) LOCKHART POWER COMPANY MERCURIA ENERGY AMERICAN MORGAN STANLEY CAPITAL GROUP INC NOBLE AMERICAS GAS & POWER SOUTH CAROLINA PUBLIC SERVICE | Statistical Classifi- cation (b) OS | Schedule or Tariff Number (c) FERC 890 | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 5 6 7 8 9 10 11 12 13 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM FPLEMT (REGULATED MARKETING ARM OF FP&L) LOCKHART POWER COMPANY MERCURIA ENERGY AMERICAN MORGAN STANLEY CAPITAL GROUP INC NOBLE AMERICAS GAS & POWER SOUTH CAROLINA PUBLIC SERVICE AUTHORITY - P2P | Statistical Classifi- cation (b) OS | Schedule or Tariff Number (c) FERC 890 | lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 5 6 7 8 9 10 11 12 13 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM FPLEMT (REGULATED MARKETING ARM OF FP&L) LOCKHART POWER COMPANY MERCURIA ENERGY AMERICAN MORGAN STANLEY CAPITAL GROUP INC NOBLE AMERICAS GAS & POWER SOUTH CAROLINA PUBLIC SERVICE AUTHORITY - P2P SOUTHERN WHOLESALE | Statistical Classifi- cation (b) OS | Schedule or Tariff Number (c) FERC 890 lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 5 6 7 8 9 10 11 12 13 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM FPLEMT (REGULATED MARKETING ARM OF FP&L) LOCKHART POWER COMPANY MERCURIA ENERGY AMERICAN MORGAN STANLEY CAPITAL GROUP INC NOBLE AMERICAS GAS & POWER SOUTH CAROLINA PUBLIC SERVICE AUTHORITY - P2P SOUTHERN WHOLESALE | Statistical Classifi- cation (b) OS | Schedule or Tariff Number (c) FERC 890 lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 5 6 7 8 9 10 11 12 13 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM FPLEMT (REGULATED MARKETING ARM OF FP&L) LOCKHART POWER COMPANY MERCURIA ENERGY AMERICAN MORGAN STANLEY CAPITAL GROUP INC NOBLE AMERICAS GAS & POWER SOUTH CAROLINA PUBLIC SERVICE AUTHORITY - P2P SOUTHERN WHOLESALE | Statistical Classifi- cation (b) OS | Schedule or Tariff Number (c) FERC 890 lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |
| No. 1 2 3 4 5 6 7 8 9 10 11 12 13 | Name of Company or Public Authority (Footnote Affiliations) (a) CARGILL-ALLIANT, LLC EAGLE ENERGY PARTNERS ENDURE ENERGY LLC EXELON POWER TEAM FPLEMT (REGULATED MARKETING ARM OF FP&L) LOCKHART POWER COMPANY MERCURIA ENERGY AMERICAN MORGAN STANLEY CAPITAL GROUP INC NOBLE AMERICAS GAS & POWER SOUTH CAROLINA PUBLIC SERVICE AUTHORITY - P2P SOUTHERN WHOLESALE | Statistical Classifi- cation (b) OS | Schedule or Tariff Number (c) FERC 890 lonthly Billing emand (MW) Mont | Average thly NCP Demand | nand (MW) Average Monthly CP Demand |

| Name | e of Respondent | This Re | port Is:]An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|-------------------------------------|--|---|--|---|--|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of |
| | | PURC | = HASED POWER (Account 5: cluding power exchanges) | 55) | |
| debit 2. E acro | eport all power purchases made during the its and credits for energy, capacity, etc.) and nter the name of the seller or other party in nyms. Explain in a footnote any ownership column (b), enter a Statistical Classification | year. Als d any settle an excha interest o | to report exchanges of ele ements for imbalanced ex- nge transaction in column r affiliation the respondent | ctricity (i.e., transactions changes. (a). Do not abbreviate of has with the seller. | or truncate the name or use |
| supp | for requirements service. Requirements solier includes projects load for this service in same as, or second only to, the supplier's s | n its syster | n resource planning). In a | ddition, the reliability of | |
| econ ener whic | for long-term firm service. "Long-term" me nomic reasons and is intended to remain rel gy from third parties to maintain deliveries th meets the definition of RQ service. For a ned as the earliest date that either buyer or | liable ever of LF servi Ill transacti | n under adverse conditions ce). This category should ion identified as LF, provid | (e.g., the supplier must not be used for long-ter e in a footnote the termi | attempt to buy emergency m firm service firm service |
| | for intermediate-term firm service. The same five years. | ne as LF s | ervice expect that "interme | ediate-term" means long | er than one year but less |
| | for short-term service. Use this category for less. | or all firm s | services, where the duration | on of each period of com | mitment for service is one |
| | for long-term service from a designated ge ice, aside from transmission constraints, m | • | • | , | , , |
| | for intermediate-term service from a design er than one year but less than five years. | ated gene | rating unit. The same as l | _U service expect that "i | ntermediate-term" means |
| EV | For exchanges of electricity. Use this cate | aon, for tr | anagations involving a half | anoing of dobits and area | dita for anarqui canacity ata |
| | any settlements for imbalanced exchanges | | ansactions involving a ban | anding of debits and cred | ins for energy, capacity, etc. |
| | • | | | | ad antonomico accele an all |
| | for other service. Use this category only for service regardless of the Length of the | | | | |
| of the | e service in a footnote for each adjustment | • | | | |
| Line | Name of Company or Public Authority | Statistical | | Average | Actual Demand (MW) |
| No. | (Footnote Affiliations) | cation | Tariff Number De | | CP Demand Monthly CP Demand |
| | (a) | (b) | (c) | (d) (e | e) (f) |
| 1 | | OS EX | FERC 890 | | |
| 2 | Operating Regulating | EX | (5) | | |
| 3 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 0 | | | | | |
| 7 | | | | | |
| | | | | | |
| 7 | | | | | |
| 7 | | | | | |
| 7 8 9 10 | | | | | |
| 7 8 9 10 11 | | | | | |
| 7 8 9 10 11 12 13 | | | | | |
| 7 8 9 10 11 | | | | | |
| 7 8 9 10 11 12 13 | Total | | | | |

| Name of Responde Duke Energy Caro | | Th (1) (2) | <u> </u> | Date of (Mo, Da 04/13/2 | | Year/Period of Report End of2016/Q4 | |
|---|--|--|---|--|--|---|---------------------|
| | | · · · | A Resubmission ASED POWER(Account (Including power exch | | .017 | | |
| • | • | Use this code for a | any accounting adjust | | for service pro | ovided in prior reporting | |
| years. Provide a | in explanation in a | footnote for each | adjustment. | | | | |
| designation for the dentified in colur 5. For requirementhe monthly average monthly NCP demand is the during the hour (must be in megator power exchange). Report in colur power exchanges amount for the nonclude credits or agreement, proving 1. The data in coreported as Purcine 12. The total | ne contract. On sem (b), is provided ints RQ purchases age billing demanciation coincident peak (the maximum met 60-minute integral watts. Footnote arm (g) the megaw ges received and charges in colunustments, in colunustments, in colunustments, in colunustments, in colunustments of energe charges other that de an explanatory olumn (g) through hases on Page 40 I amount in column | parate lines, list all l. and any type of set din column (d), the CP) demand in column (e0) demand in column (foothered hourly (foothered hourly (foothered hourly (foothered hourly (foothered hourly), energy chann (foothered hourly). Explain in a feived as settlement (foothered hourly), if more energy foothered hourly (foothered hourly), line 10. The tothered hourly must be reported hourly foothered hourly (foothered hourly), in must be reported hourly foothered hourly foother | ervice involving demandation are average monthly not umn (f). For all other nute integration) demupplier's system reacted on a megawatt bate basis for settlemetres in column (k), and footnote all component by the respondent. Was delivered than referation expenses, or | s, tariffs or contract and charges imposed in-coincident peak (I types of service, end and in a month. Monthes its monthly peal is and explain. It is and explain. It is and explain in the total of any other than the total of any other than the total of any other is of the amount should be received, enter a negative excludes certain the schedule. The total on the total of any other is and the total of any other is of the amount should be reported in the schedule. The total on the schedule. The total on the schedule is the total on the schedule is the total on the schedule is the total on the schedule. The total on the schedule is t | designations under a monnth NCP) demand ter NA in columnathly CP demand repair columns (h) at exchange, there types of chown in columnative amount, credits or chall amount in columnatial amount in columnatial amount in columnatial amount in columnatial as Exchange | n (I). Report in column (olumn (m) the settlemen If the settlement amour irges covered by the | thly and d (f) burs |
| | | | | | | | |
| | POWER E | XCHANGES | | COST/SETTLEM | ENT OF POWE | R | |
| MegaWatt Hours Purchased | MegaWatt Hours | MegaWatt Hours | Demand Charges | Energy Charges | Other Charg | jes Total (j+k+l) | Line No. |
| (g) | Received (h) | Delivered (i) | (\$) (j) | (\$) (k) | (\$) (I) | of Settlement (\$) (m) | 110. |
| 28 | | | | 1,610 | | 1,610 | 1 |
| 107 | | | | 5,479 | | 5,479 | 2 |
| 62 | | | | 2,581 | | 2,581 | 3 |
| 3 | | | | 169 | | 169 | 4 |
| 827 | | | | 52,647 | | 52,647 | 5 |
| 63 | | | | 3,013 | | 3,013 | 6 |
| 3 | | | | 147 | | 147 | 7 |
| 4,461 | | | | 312,558 | | 312,558 | 8 |
| 10 | | | | 545 | | 545 | 9 |
| 10,141 | | | | 670,674 | | 670,674 | 10 |
| 1,035 | | | | 56,730 | | 56,730 | 11 |
| 2 | | | | 95 | | 95 | 12 |
| 42,888 | | | | 2,536,580 | | 2,536,580 | 13 |
| 66,509 | | | | 6,810,788 | | 6,810,788 | 14 |
| <u> </u> | | | | - | | | |

308,593,628

1,202,335

333,120,270

7,879,130

10,288,097

8,031,061

| Name of Responde | | | This Report Is: (1) X An Original | Date of (Mo, Da | Report a. Yr) | Year/Period of Report | |
|--|---|--|--|--|--|---|---|
| Duke Energy Caro | linas, LLC | | (2) A Resubmission | 04/13/2 | | End of2016/Q4 | |
| | | PUR | CHASED POWER(Account 555 (Including power exchange |) (Continued) s) | • | | |
| • | eriod adjustment. n explanation in a | Use this code for | or any accounting adjustment | | for service pro | ovided in prior reporting | |
| i. In column (c), lesignation for the dentified in column (c). For requirement we monthly average monthly NCP demand is the foliation of power exchanges and the total charges are mount for the near the foliation of the foliatio | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demandation of the maximum metron (b) the maximum metron (g) the megawatts. Footnote arm (g) the megawatts in columns on bills receipt of energy charges other that de an explanatory olumn (g) through thases on Page 40 I amount in columns. | Rate Schedule parate lines, list I. s and any type of d in column (d), CP) demand in Gered hourly (60-tion) in which the hy demand not statthours shown delivered, used mn (j), energy conn (l). Explain in eived as settlem ly. If more energy in connote. (m) must be total of, line 10. The n (i) must be reported. | Number or Tariff, or, for non- all FERC rate schedules, tar f service involving demand changes monthly non-coincolumn (f). For all other types minute integration) demand in the supplier's system reaches it stated on a megawatt basis at an bills rendered to the responses the basis for settlement. Enter the property of the property was delivered than received the property was delivered than received the property of the second on the last line of the second of the second of the last line of the last line of the second of the last line of the | arges imposed narges imposed narges imposed ncident peak (Note of service, enternal amounts). More than a month, More than a monthly peak nd explain. The total of any other the amount shower exchanged, enter a negative control of the total of any other than the total on Page 401, | designations under a monnth NCP) demand for NA in columnater NA in columnater | ly (or longer) basis, enterin column (e), and the mns (d), (e) and (f). Monand is the metered demandered in columns (e) and (i) the megawatthe arges, including in (l). Report in column (blumn (m) the settlement amourarges covered by the column (g) must be | athly and d (f) burs (m) at the total thick (I) |
| MegaWatt Hours | | XCHANGES | | OST/SETTLEME | | | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hou Delivered (i) | rs Demand Charges En (\$) (j) | ergy Charges (\$) (k) | Other Charg (\$) (I) | res Total (j+k+l) of Settlement (\$) (m) | No. |
| | , , | ,, | Ţ, | -3,111,900 | .,, | -3,111,900 | 1 |
| 37,800 | | | | 2,245,800 | | 2,245,800 | 2 |
| 10,044 | | | | 671,048 | | 671,048 | 3 |
| 42,864 | | | | 2,991,631 | | 2,991,631 | 4 |
| 3,961 | | | | 217,751 | | 217,751 | 5 |
| 9,272 | | | | 507,825 | | 507,825 | 6 |
| 6,385 | | | | 479,064 | | 479,064 | |
| 5 | | | | 233 | | 233 | 8 |
| 9,840 | | | | 752,646 | | 752,646 | |
| 9,040 | | | | | | | 10 |
| 3 | | | | 157 | | 157 510 801 | |
| 7,744 | | | | 510,891 | | 510,891 | 11 |
| 3,832 | | | | 268,857 | | 268,857 | 12 |
| 5,639 | | | | 404,322 | | 404,322 | |
| 11 | | | | 726 | | 726 | 14 |
| | | | | | | | |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde | | | his Report Is: 1) XAn Original | Date of (Mo, Da | | Year/Period of Report End of 2016/Q4 | |
|--|---|--|---|--|---|---|--|
| Duke Energy Caro | olinas, LLC | , | 2) A Resubmission | 04/13/2 | 017 | End of | |
| | | PURC | CHASED POWER(Account 55 (Including power exchang | 55) (Cóntinued) ges) | | | |
| - | eriod adjustment. In explanation in a | | any accounting adjustme adjustment. | nts or "true-ups" | for service pro | vided in prior reporting | |
| I. In column (c), designation for the dentified in column (c). For requirement the monthly average monthly NCP demand is the defendent of power exchanged for the new column of the total charges amount for the new column of the n | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demandation coincident peak (the maximum met 60-minute integrat watts. Footnote arm (g) the megaw ges received and charges in columustments, in columustments, in columustments of energy charges other that de an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule National Parate lines, list and any type of d in column (d), the CP) demand in column (60-moion) in which the my demand not structured, used a min (j), energy chann (j), energy chann (j). Explain in a served as settlement y. If more energy an incremental generation in the more total of the column (i) must be total of the column (ii) must be reported. | n adjustment. Number or Tariff, or, for no all FERC rate schedules, the service involving demand the average monthly non-column (f). For all other typninute integration) demand supplier's system reaches ated on a megawatt basis on bills rendered to the resist the basis for settlement, arges in column (k), and the footnote all components on the typnical than receiveneration expenses, or (2) alled on the last line of the social amount in column (h) orted as Exchange Deliverations following all requires. | charges imposed coincident peak (Nes of service, ent din a month. More its monthly peak and explain. pondent. Report Do not report net total of any otto of the amount showed, enter a negative excludes certain eschedule. The total of any otto the amount showed, enter a negative excludes certain eschedule. The total of any otto and the amount showed is a negative excludes certain eschedule. The total of any otto and the amount showed is a negative excludes certain eschedule. The total excludes and the amount of the a | designations u I on a monnthl ICP) demand i er NA in colum othly CP demand c. Demand repo in columns (h) t exchange. her types of ch own in column es, report in co ative amount. credits or chait tal amount in co as Exchange | y (or longer) basis, enterin column (e), and the ins (d), (e) and (f). Monind is the metered demandered in columns (e) and and (i) the megawatthe arges, including (I). Report in column (illumn (m) the settlement amountinges covered by the column (g) must be | thly and d (f) ours m) t t |
| MegaWatt Hours | POWER E | XCHANGES | | COST/SETTLEME | ENT OF POWER | ₹ | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hours Delivered (i) | Demand Charges (\$) (j) | Energy Charges (\$) (k) | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) | No. |
| 347 | () | () | 37 | 19,567 | () | 19,567 | 1 |
| 17 | | | | 843 | | 843 | 2 |
| 3 | | | | 176 | | 176 | 3 |
| 6,181 | | | | 396,607 | | 396,607 | 4 |
| 7,918 | | | | 602,783 | | 602,783 | 5 |
| 5 | | | | 249 | | 249 | 6 |
| 1,947 | | | | 130,049 | | 130,049 | 7 |
| 8,892 | | | | 581,348 | | 581,348 | 8 |
| 9 | | | | 507 | | 507 | 9 |
| 9,974 | | | | 699,041 | | 699,041 | 10 |
| 5,238 | | | | 345,882 | | 345,882 | 11 |
| 54 | | | | 2,464 | | 2,464 | |
| 12 | | | | | | | 12 |
| 123 | | | | 596 | | 596 | |
| 123 | | | | 596 8,147 | | 596 8,147 | 12 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde | | | This Report Is: (1) XAn Original | Date of Report (Mo, Da, Yr) | | ear/Period of Report | |
|--|--|--|---|--|--|--|---|
| Duke Energy Caro | linas, LLC | | (2) A Resubmission | 04/13/2017 | | nd of2016/Q4 | |
| | | PUR | CHASED POWER(Account 555) ((Including power exchanges) | Continued) | • | | |
| • | eriod adjustment. n explanation in a | | r any accounting adjustments of adjustments. | or "true-ups" for servi | ce provided | I in prior reporting | |
| i. In column (c), lesignation for the dentified in column (c). For requirement we monthly average monthly NCP demand is the foliation of power exchanges and the total charges are mount for the near the foliation of the foliatio | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demandation of the maximum metron (b) the maximum metron (g) the megawatts. Footnote arm (g) the megawatts in columnshown on bills receipt of energy charges other that de an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule I parate lines, list I. and any type of d in column (d), to CP) demand in cered hourly (60-ration) in which the my demand not structured as settlement of the properties of the cered as settlement | Number or Tariff, or, for non-Flall FERC rate schedules, tariffs service involving demand chathe average monthly non-coincolumn (f). For all other types ominute integration) demand in a supplier's system reaches its tated on a megawatt basis and on bills rendered to the responses the basis for settlement. Do narges in column (k), and the total footnote all components of the tent by the respondent. For porty was delivered than received eneration expenses, or (2) excelled on the last line of the schedular amount in column (h) must orted as Exchange Delivered datations following all required datations following all required datations. | rges imposed on a mident peak (NCP) der f service, enter NA in a month. Monthly CP monthly peak. Deman explain. dent. Report in columnot report net excharotal of any other types e amount shown in cover exchanges, report enter a negative amount credits of the column column types are a mount shown in column types. The column types are a mount shown in column types are a megative amount shown in column types are a megative amount types are to the column types are the co | onnthly (or mand in columns (or demand is not reported ans (h) and age. s of charges column (l). If the or charges ant in column ange Received | which service, as longer) basis, enter umn (e), and the d), (e) and (f). Monothe metered demain columns (e) and (i) the megawatthous, including Report in column (m) the settlement amount covered by the long (g) must be | athly and d (f) burs (m) at the total thick (I) |
| MegaWatt Hours | POWER E | XCHANGES | CO | ST/SETTLEMENT OF F | POWER | 1 | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hour Delivered (i) | s Demand Charges Energy (\$) | | Charges (\$) (I) | Total (j+k+l) of Settlement (\$) (m) | No. |
| 2,316 | . , | ., | <i>,</i> | 151,428 | | 151,428 | 1 |
| 12 | | | | 581 | | 581 | 2 |
| 12 | | | | 613 | | 613 | 3 |
| 4 | | | | 182 | | 182 | 4 |
| 6 | | | | 268 | | 268 | 5 |
| 7,027 | | | | 465,573 | | 465,573 | 6 |
| 5 | | | | 293 | | 293 | 7 |
| 867 | | | | 63,359 | | 63,359 | 8 |
| 3 | | | | 121 | | 121 | 9 |
| 27 | | | | 1,551 | | 1,551 | 10 |
| 1,029 | | | | 66,012 | | 66,012 | 11 |
| 7 | | | | 337 | | 337 | 12 |
| 17,190 | | | | 779,789 | | 779,789 | |
| 912 | | | | 57,305 | | 57,305 | |
| | | | | | | | 1 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde Duke Energy Caro | | | This Report Is: (1) X An Original | (Mo, Da | | Year/Period of Report End of 2016/Q4 | |
|--|---|--|--|---|--|--|------------------|
| Duke Ellergy Card | milas, LLC | | (2) A Resubmission | 04/13/2 | .017 | | |
| | | PUR | CHASED POWER(Accour (Including power exch | nanges) | | | |
| - | eriod adjustment. In explanation in a | | or any accounting adjust ch adjustment. | tments or "true-ups" | for service pro | ovided in prior reporting | |
| designation for the dentified in colur 5. For requireme the monthly aver deverage monthly | ne contract. On se mn (b), is provided nts RQ purchases age billing deman coincident peak (| parate lines, list l. and any type o d in column (d), CP) demand in o | the average monthly no column (f). For all other | es, tariffs or contract and charges imposed on-coincident peak (N types of service, ent | designations of d on a monnth NCP) demand der NA in colur | under which service, as ly (or longer) basis, ente | thly |
| must be in mega 5. Report in colur of power exchan- out-of-period adjusted the mount for the natural agreement, proving The data in co | watts. Footnote armn (g) the megaw ges received and and charges in colunatments, in colunstments, in colunstments of energet receipt of energe charges other that de an explanatory olumn (g) through | ny demand not s atthours shown delivered, used mn (j), energy c nn (l). Explain in eived as settlem y. If more energan incremental g footnote. (m) must be tota | stated on a megawatt bat on bills rendered to the as the basis for settleme tharges in column (k), are a footnote all component by the respondent. Grant by the respondent of the peneration expenses, or alled on the last line of the control of the | asis and explain. respondent. Report ent. Do not report ne nd the total of any otl ints of the amount sh For power exchange eceived, enter a nega (2) excludes certain the schedule. The to | in columns (het exchange, her types of chown in columnes, report in coative amount, credits or chattal amount in | n (I). Report in column (blumn (m) the settlemen If the settlement amoun arges covered by the | m) t tt(I) |
| | | | oorted as Exchange Del nations following all requ | - | ine is. | | |
| | DOWED F | XCHANGES | | COST/SETTLEMI | INT OF DOWE | D. I | |
| MegaWatt Hours | MegaWatt Hours | MegaWatt Hou | ırs Demand Charges | Energy Charges | Other Charg | | Line |
| Purchased (g) | Received (h) | Delivered (i) | (\$) (j) | (\$) (k) | (\$) (I) | of Settlement (\$) | No. |
| 4 | | | | 189 | | 189 | 1 |
| 2 | | | | 103 | | 103 | 2 |
| 2 | | | | 97 | | 97 | 3 |
| 21 | | | | 1,083 | | 1,083 | 4 |
| 6 | | | | 301 | | 301 | 5 |
| 5 | | | | 260 | | 260 | 6 |
| 6 | | | | 282 | | 282 | 7 |
| 8,222 | | | | 511,708 | | 511,708 | 8 |
| 9,601 | | | | 635,471 | | 635,471 | 9 |
| 8,846 | | | | 490,314 | | 490,314 | 10 |
| 9 | | | | 454 | | 454 | 11 |
| 121 | | | | 6,122 | | 6,122 | 12 |
| 6 | | | | 327 | | 327 | 13 |
| 9 | | | | 472 | | 472 | 14 |
| | | | | | | | |

308,593,628

333,120,270

1,202,335

10,288,097

8,031,061

| Name of Responde | | | This Report Is: (1) XAn Original | Date of (Mo, Da | | Year/Period of Report End of 2016/Q4 | |
|--|---|--|--|---|--|---|-----------------------------------|
| Duke Energy Caro | olinas, LLC | | (2) A Resubmission | 04/13/2 | 017 | End of | |
| | | PUR | CHASED POWER(Account ((Including power exchai | 555) (Continued) nges) | | | |
| • | • | | r any accounting adjustm h adjustment. | ents or "true-ups" | for service pro | vided in prior reporting | |
| I. In column (c), lesignation for the dentified in column (c). For requirement the monthly average monthly NCP demand is the demand is the dentification of power exchanger. Report demander out-of-period adjusted to the total charge semount for the negation of the demander of the demand | ne contract. On sem (b), is provided ints RQ purchases age billing deman coincident peak (the maximum met 60-minute integral watts. Footnote alm (g) the megaw ges received and charges in colunustments, in colunustments, in colunustments of energy charges other that de an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule Is parate lines, list of the parate lines (CP) demand in control of the parate lines (GP) demand not so the parate lines (J). Explain in the parate lines (J). The parate lines (J). The parate lines (J) is the parate lines (J). The parate lines (J) is the parate lines (J). The parate lines (J) is the parate lines (J). The parate lines (J) is the parate l | h adjustment. Number or Tariff, or, for nall FERC rate schedules, service involving demand the average monthly noncolumn (f). For all other typininute integration) demands supplier's system reachestated on a megawatt basion bills rendered to the reast the basis for settlementarges in column (k), and a footnote all components that by the respondent. For ywas delivered than receiveneration expenses, or (2) alled on the last line of the total amount in column (h) orted as Exchange Deliverations following all requires | d charges imposed coincident peak (New pes of service, enter and in a month. Mores its monthly peak is and explain. Report and in the total of any off is of the amount shor power exchange eived, enter a negatived, enter a negative eschedule. The total of must be reported ered on Page 401, | designations undesignations under NA in columnation (h) to exchange, and in columnation in columnation in columnation and in columnation in co | y (or longer) basis, enterin column (e), and the nns (d), (e) and (f). Monnd is the metered demandered in columns (e) and and (i) the megawatthe arges, including (I). Report in column (lumn (m) the settlement amount ges covered by the column (g) must be | thly and d (f) burs m) t |
| MagalMatt Haura | POWER E | EXCHANGES | | COST/SETTLEME | ENT OF POWER | ? | Line |
| MegaWatt Hours Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hour Delivered (i) | Demand Charges (\$) (j) | Energy Charges (\$) (k) | Other Charg (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) | No. |
| 13,180 | | () | U, | 591,731 | | 591,731 | 1 |
| 1,629 | | | | 83,117 | | 83,117 | 2 |
| 15 | | | | 792 | | 792 | 3 |
| 7,079 | | | | 496,911 | | 496,911 | |
| 246 | | | | 12,498 | | 12,498 | 4 |
| 10 | | | | | | 530 | 4 5 |
| 67,046 | | | | 530 | | 330 | |
| | | | | 4,639,312 | | 4,639,312 | 5 |
| 1,272 | | | | | | | 5 6 |
| | | | | 4,639,312 | | 4,639,312 | 5 6 7 |
| 1,272 3,885 646 | | | | 4,639,312 82,465 220,035 | | 4,639,312 82,465 220,035 | 5 6 7 8 |
| 3,885 | | | | 4,639,312 82,465 | | 4,639,312 82,465 | 5 6 7 8 9 |
| 3,885 646 2 | | | | 4,639,312 82,465 220,035 36,215 | | 4,639,312 82,465 220,035 36,215 | 5 6 7 8 9 |
| 3,885 | | | | 4,639,312 82,465 220,035 36,215 | | 4,639,312 82,465 220,035 36,215 | 5 6 7 8 9 10 |
| 3,885 646 2 | | | | 4,639,312 82,465 220,035 36,215 95 2,322 | | 4,639,312 82,465 220,035 36,215 95 2,322 | 5 6 7 8 9 10 11 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Duke Energy Card | | | his Report Is: 1) X An Original | (Mo, D | f Report a, Yr) | Year/Period of Report Fnd of 2016/Q4 | |
|--|---|---|--|--|---|--|--|
| | olinas, LLC | | 2) A Resubmission | 04/13/2 | | End of2016/Q4 | |
| | | PURC | CHASED POWER(Accourt (Including power excl | nt 555) (Continued) hanges) | | | |
| • | eriod adjustment. In explanation in a | | | tments or "true-ups" | for service pro- | vided in prior reporting | |
| 4. In column (c), designation for the dentified in column 5. For requirementhe monthly average monthly NCP demand is fouring the hour (must be in mega 5. Report in column for exchange to the total charge samount for the nonclude credits on agreement, proving 12. The total charge in the data in coreported as Purcine 12. The total | identify the FERC ne contract. On set mn (b), is provided nts RQ purchases age billing demand coincident peak (the maximum meter 60-minute integrat watts. Footnote armn (g) the megawages received and charges in columustments, in columustments, in columustments, in columustments of energy of charges other that ide an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule New parate lines, list and any type of din column (d), to CP) demand in column (60-no) in which the ny demand not statthours shown of delivered, used a min (j), energy chann (j), energy chann (j). Explain in a served as settlement of min commental generation in the server of the column (i). The ton (i) must be reported. | Number or Tariff, or, for all FERC rate schedule service involving demarke average monthly no olumn (f). For all other ninute integration) demarked on a megawatt be no bills rendered to the set the basis for settlemarges in column (k), are a footnote all compone on the part of the set that the s | es, tariffs or contract and charges impose on-coincident peak (I types of service, en and in a month. Mo ches its monthly pea asis and explain. respondent. Report ent. Do not report nent. Do not report nent of the amount should be for power exchang eceived, enter a negular exception of the schedule. The to (h) must be reported ivered on Page 401 | designations under a monnthly NCP) demand iter NA in columnthly CP demand in columns (h) et exchange. The types of change in column es, report in column es, report in column ative amount. In credits or change that amount in column et al. | y (or longer) basis, entrin column (e), and the ins (d), (e) and (f). Mornd is the metered demonted in columns (e) and (i) the megawatthe arges, including (I). Report in column (lumn (m) the settlement amounted in the settlement amounted | er nthly and id (f) ours (m) nt nt (l) |
| | | | | | | | |
| | POWER E | YCHANGES. | | COST/SETTI EM | ENT OF POWER | | |
| MegaWatt Hours | | XCHANGES MegaWatt Hours | s Demand Charges | COST/SETTLEM Energy Charges | | | Line |
| MegaWatt Hours Purchased (g) | POWER E MegaWatt Hours Received (h) | XCHANGES MegaWatt Hours Delivered (i) | s Demand Charges (\$) (j) | COST/SETTLEM Energy Charges (\$) (k) | ENT OF POWEF Other Charge (\$) (I) | | Line No. |
| Purchased | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges | Other Charge | es Total (j+k+l) of Settlement (\$) | No. |
| Purchased | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) | Other Charge | es Total (j+k+l) of Settlement (\$) (m) | No. 1 |
| Purchased | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) | Other Charge | es Total (j+k+l) of Settlement (\$) (m) | No. 1 |
| Purchased | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 356 205 49 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 | No. 1 2 3 4 |
| Purchased | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 356 205 49 130 388 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 130 388 | No. 1 2 3 4 5 |
| Purchased | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 356 205 49 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 130 388 | No. 1 2 3 4 5 5 6 |
| Purchased | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 356 205 49 130 388 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 130 388 | No. 1 2 3 4 5 6 6 7 |
| Purchased | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 356 205 49 130 388 295 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 130 388 | No. 1 2 3 4 5 6 6 7 8 |
| Purchased (g) 6 4 1 3 8 6 4 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 356 205 49 130 388 295 189 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 130 388 295 189 | No. 1 2 3 4 5 6 7 8 8 9 |
| Purchased (g) 6 4 1 3 8 6 4 13,054 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 356 205 49 130 388 295 189 908,531 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 130 388 295 189 908,531 | No. 1 2 3 4 5 5 6 6 7 8 9 10 |
| Purchased (g) 6 4 1 3 8 6 4 13,054 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 356 205 49 130 388 295 189 908,531 7,206 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 130 388 295 189 908,531 7,206 | No. 1 2 3 4 5 6 6 7 8 9 10 11 |
| Purchased (g) 6 4 1 3 8 6 4 13,054 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 356 205 49 130 388 295 189 908,531 7,206 2,047 357 1,657 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 130 388 295 189 908,531 7,206 2,047 | No. 1 2 3 4 5 6 7 8 9 10 11 12 |
| Purchased (g) 6 4 1 3 8 6 4 13,054 110 40 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | | Energy Charges (\$) (\$) 356 205 49 130 388 295 189 908,531 7,206 2,047 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 130 388 295 189 908,531 7,206 2,047 357 | No. 1 2 3 4 5 5 6 6 7 8 9 10 11 12 13 |
| Purchased (g) 6 4 1 3 8 6 4 13,054 110 40 7 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 356 205 49 130 388 295 189 908,531 7,206 2,047 357 1,657 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 130 388 295 189 908,531 7,206 2,047 357 1,657 | No. 1 2 3 4 5 6 7 8 9 10 11 12 13 |
| Purchased (g) 6 4 1 3 8 6 4 13,054 110 40 7 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 356 205 49 130 388 295 189 908,531 7,206 2,047 357 1,657 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 130 388 295 189 908,531 7,206 2,047 357 1,657 350 | No. 1 2 3 4 5 6 7 8 9 10 11 12 13 |
| Purchased (g) 6 4 1 3 8 6 4 13,054 110 40 7 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 356 205 49 130 388 295 189 908,531 7,206 2,047 357 1,657 | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) 356 205 49 130 388 295 189 908,531 7,206 2,047 357 1,657 350 | No. 1 2 3 4 5 6 7 8 9 10 11 12 13 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde | | | This Report Is: (1) X An Original | Date of Re (Mo, Da, Y | | Year/Period of Report End of 2016/Q4 | |
|--|--|---|---|---|--|---|---------------------------------|
| Duke Energy Caro | olinas, LLC | | (2) A Resubmission | 04/13/201 | | End of | |
| | | PUR | CHASED POWER(Account 555) (Including power exchanges) | Continued) | · | | |
| | eriod adjustment. In explanation in a | | or any accounting adjustments ch adjustment. | or "true-ups" for | service prov | ided in prior reporting | |
| 4. In column (c), designation for the dentified in column 5. For requirementhe monthly average monthly NCP demand is the during the hour (c) must be in mega 6. Report in column for exchange the total charge samount for the near the column for the colum | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demandation of the maximum metron (b) the maximum metron (g) the megawatts. Footnote arm (g) the megawatts in columustments, in columustments, in columustments, in columustments, in columustments of energy charges other that de an explanatory olumn (g) through hases on Page 40 I amount in colum | Rate Schedule parate lines, list I. | Number or Tariff, or, for non-Flall FERC rate schedules, tariff: service involving demand chathe average monthly non-coince column (f). For all other types of minute integration) demand in a supplier's system reaches its tated on a megawatt basis and on bills rendered to the responses the basis for settlement. Do narges in column (k), and the total a footnote all components of the ent by the respondent. For posity was delivered than received eneration expenses, or (2) excelled on the last line of the schedulations following all required denations following all required data. | ges imposed or ident peak (NC) f service, enter a month. Monthly peak. E explain. Ident. Report in the otal of any other e amount show wer exchanges, enter a negative udes certain crudule. The total to be reported as in Page 401, lin | n a monnthly P) demand in NA in column ly CP deman Demand repo columns (h) a exchange. Types of cha In in column (report in colu e amount. If edits or charg amount in co | (or longer) basis, enter column (e), and the ns (d), (e) and (f). Mond is the metered demanded in columns (e) and and (i) the megawatthough (ii). Report in column (iii) the settlement amount ges covered by the | thly and d (f) burs m) t at (I) |
| | POWER E | XCHANGES | CO | ST/SETTLEMEN | T OF POWER | 1 | |
| MegaWatt Hours | MegaWatt Hours | MegaWatt Hou | | | Other Charge: | s Total (j+k+l) | Line |
| Purchased (g) | Received (h) | Delivered (i) | (\$) (j) | (\$) (k) | (\$) (I) | of Settlement (\$) | No. |
| 9,553 | | | | 737,176 | | 737,176 | 1 |
| 5 | | | | 247 | | 247 | 2 |
| 7,375 | | | | 558,725 | | 558,725 | 3 |
| 6 | | | | 283 | | 283 | 4 |
| 5 | | | | 274 | | 274 | 5 |
| 4 | | | | 181 | | 181 | 6 |
| 9,997 | | | | 662,188 | | 662,188 | 7 |
| 17,801 | | | | 1,032,464 | | 1,032,464 | 8 |
| 5,879 | | | | 395,173 | | 395,173 | 9 |
| 83 | | | | 3,466 | | 3,466 | 10 |
| | | | | | | | 11 |
| 5 | | | | 229 | | 229 | 12 |
| 3 | | | | 138 | | 138 | 13 |
| 2 | | | | 115 | | 115 | 14 |
| | | | | | | | |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde | | | This Report Is: (1) X An Original | Date of (Mo, Da | Report | Year/Period of Report | |
|--|--|--|--|--|--|--|--|
| Duke Energy Caro | linas, LLC | | (2) A Resubmission | 04/13/2 | | End of2016/Q4 | |
| | | PUF | RCHASED POWER(Accoun (Including power exch | t 555) (Continued) anges) | - | | |
| - | eriod adjustment. In explanation in a | Use this code f | for any accounting adjust | | for service pro | ovided in prior reporting | |
| I. In column (c), designation for the dentified in column (c). For requirement the monthly average monthly NCP demand is the during the hour (for the mount of power exchanged to the total charge so amount for the near the demand of the total charge so and the total char | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demancoincident peak (the maximum met 60-minute integral watts. Footnote arm (g) the megaw ges received and charges in colunustments, in colunustments, in colunustments, in colunustments of energy charges other that de an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule parate lines, list I. s and any type of d in column (d), CP) demand in ered hourly (60-tion) in which they demand not eatthours shown delivered, used mn (j), energy on (l). Explain in eived as settlem y. If more energy in incremental of footnote. (m) must be tot on, line 10. The n (i) must be re | e Number or Tariff, or, for all FERC rate schedules of service involving demand, the average monthly not column (f). For all other the integration) demands are supplier's system reach stated on a megawatt base on bills rendered to the last the basis for settlement charges in column (k), and a footnote all componerment by the respondent. If any was delivered than regulated on the last line of the total amount in column (k) and a footnote all componerment by the respondent. If any was delivered than regulated on the last line of the total amount in column (k) and a footnote all componerments of the total amount in column (k) and the total amount in column (k) are total amount in column (k) and the total amoun | s, tariffs or contract and charges imposed in-coincident peak (National Peak (Nat | designations of the columns of the column of the colum | ly (or longer) basis, enterin column (e), and the mns (d), (e) and (f). Monand is the metered demandered in columns (e) and (i) the megawatthe marges, including in (I). Report in column (blumn (m) the settlement amourarges covered by the column (g) must be | athly and d (f) cours (m) at the total (I) |
| MegaWatt Hours | MegaWatt Hours | XCHANGES MegaWatt Hou | urs Demand Charges | COST/SETTLEMI Energy Charges | Other Charg | | Line |
| Purchased (g) | Received (h) | Delivered (i) | (\$) | (\$) (k) | (\$) (I) | of Settlement (\$) | No. |
| 9,794 | | | | 696,292 | | 696,292 | 1 |
| 801 | | | | 48,793 | | 48,793 | 2 |
| 7 | | | | 362 | | 362 | 3 |
| 5 | | | | 259 | | 259 | 4 |
| 5 | | | | 241 | | 241 | 5 |
| 3 | | | | 164 | | 164 | 6 |
| 951 | | | | 63,316 | | 63,316 | 7 |
| 3,810 | | | | 251,153 | | 251,153 | 8 |
| 230 | | | | 13,030 | | 13,030 | 9 |
| 9,900 | | | | 649,965 | | 649,965 | 10 |
| 9,362 | | | | 609,526 | | 609,526 | 11 |
| 243 | | | | 13,390 | | 13,390 | |
| 6 | | | | 295 | | 295 | |
| 3 | | | | 136 | | 136 | |
| | | | | | | | |

308,593,628

333,120,270

1,202,335

10,288,097

8,031,061

| Name of Responde | | | This Report Is: (1) X An Original | Date of (Mo, Da | Report a. Yr) | Year/Period of Report End of 2016/Q4 | |
|--|---|---|--|---|---|---|--|
| Duke Energy Caro | linas, LLC | | (2) A Resubmission | 04/13/2 | | End of | |
| | | PUR | CHASED POWER(Account (Including power excha | 555) (Continued) anges) | <u>'</u> | | |
| • | eriod adjustment. n explanation in a | Use this code for | or any accounting adjustm | | for service pro | ovided in prior reporting | |
| i. In column (c), lesignation for the dentified in column (c). For requirement we monthly average monthly NCP demand is the foliation of power exchanges and the total charges are mount for the near the foliation of the foliatio | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demancoincident peak (the maximum met 60-minute integral watts. Footnote arm (g) the megaw ges received and charges in colunustments, in colunustments, in colunustments, in colunustments of energy charges other that de an explanatory olumn (g) through thases on Page 40 I amount in column | Rate Schedule parate lines, list I. | Number or Tariff, or, for rall FERC rate schedules. If service involving demanthe average monthly non column (f). For all other tyminute integration) demands a supplier's system reachestated on a megawatt base on bills rendered to the reas the basis for settlementharges in column (k), and a footnote all componentent by the respondent. Figures delivered than recipeneration expenses, or (2) alled on the last line of the total amount in column (hoorted as Exchange Delivinations following all requirements). | tariffs or contract of charges imposed the coincident peak (Now pes of service, enter and in a month. Mores its monthly peak is and explain. The espondent. Report the total of any other than the total of any other than the total of any other exchanges are every enter a negative of the amount should be schedule. The total of must be reported the exchange the exchange that the total of the amount should be schedule. The total of must be reported the exchange that the exchedule. The total of must be reported that the exchange that | designations under a monnthly NCP) demand er NA in columnathly CP demand report in columns (h) at exchange, the exchange of chown in columnes, report in columnative amount, credits or chall amount in columnatial amount in columnatial amount in columnatial as Exchange | ly (or longer) basis, enterin column (e), and the inns (d), (e) and (f). Monind is the metered demandered in columns (e) and (i) the megawatthe arges, including in (l). Report in column (olumn (m) the settlement amountinges covered by the column (g) must be | athly and d (f) cours (m) at the total (I) |
| MegaWatt Hours | POWER E | XCHANGES | | COST/SETTLEME | ENT OF POWER | R | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hou Delivered (i) | rs Demand Charges (\$) (j) | Energy Charges (\$) (k) | Other Charg (\$) (I) | res Total (j+k+l) of Settlement (\$) (m) | No. |
| 40 | (, | (1) | 0/ | 2,013 | (1) | 2,013 | 1 |
| 104 | | | | 5,190 | | 5,190 | |
| 6,365 | | | | 426,220 | | 426,220 | 3 |
| 5,359 | | | | 360,609 | | 360,609 | 4 |
| 10 | | | | 492 | | 492 | |
| 29,609 | | | | 1,978,544 | | 1,978,544 | |
| 28,889 | | | | 1,805,550 | | 1,805,550 | |
| 1,676 | | | | 111,351 | | 111,351 | 8 |
| 1,070 | | | | 1,328 | | 1,328 | |
| 14 | | | | | | | |
| 3 | | | | 156 | | 156 | |
| 6 | | | | 308 | | 308 | |
| 2,966 | | | | 207,107 | | 207,107 | 12 |
| 8 | | | | 448 | | 448 | |
| 80 | | | | 4,029 | | 4,029 | 14 |
| | | | | | | | |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde | | | 「his Report Is: 1) □ X An Original | Date of (Mo, Da | | Year/Period of Report End of 2016/Q4 | |
|--|---|---|--|--|---|--|---|
| Duke Energy Caro | linas, LLC | (| 2) A Resubmission | 04/13/2 | | End of2016/Q4 | |
| | | PURC | CHASED POWER(Account 55 (Including power exchang | (Continued) | | | |
| • | eriod adjustment. n explanation in a | | r any accounting adjustment h adjustment. | nts or "true-ups" | for service pro | vided in prior reporting | |
| I. In column (c), lesignation for the dentified in column (c). For requirement the monthly average monthly NCP demand is the demand is the dentification of power exchanger. Report demander out-of-period adjusted to the total charge semount for the negation of the demander of the demand | identify the FERC ne contract. On seemn (b), is provided nts RQ purchases age billing demancoincident peak (the maximum met 60-minute integral watts. Footnote arm (g) the megaw ges received and charges in colunustments, in colunustments, in colunustments, in colunustments of energy charges other that de an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule National Parate lines, list and any type of d in column (d), to CP) demand in column (60-noise) in which the my demand not structured, used a mn (j), energy chann (l). Explain in a served as settlement, and incremental generation incremental generation (m) must be total of, line 10. The ton (i) must be reported. | Number or Tariff, or, for nor all FERC rate schedules, to service involving demand the average monthly non-column (f). For all other type initiate integration) demand supplier's system reaches ated on a megawatt basis on bills rendered to the results the basis for settlement. For your additional supplier's system reaches ated on a megawatt basis on bills rendered to the results the basis for settlement. For your additional supplier's product (k), and the footnote all components of the sent by the respondent. For your additional settlement of the solution of the last line of the solutions following all required at the settlement of the solutions following all required. | charges imposed coincident peak (Nes of service, ent I in a month. Mor its monthly peak and explain. pondent. Report Do not report ne total of any otto of the amount she power exchange excludes certain schedule. The tomust be reported ed on Page 401, | designations undesignations undesignations under ICP) demand ier NA in columnathly CP demand in columns (h) to exchange, and in columnative amount. In credits or chait al amount in cas Exchange | y (or longer) basis, entern column (e), and the ins (d), (e) and (f). Montand is the metered demandered in columns (e) and and (i) the megawatthout arges, including (I). Report in column (alumn (m) the settlement of the settlement amount ges covered by the | thly nd d (f) ours m) t t (l) |
| MegaWatt Hours | POWER E | XCHANGES | | COST/SETTLEME | NT OF POWER | } | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hours Delivered (i) | s Demand Charges E (\$) (j) | nergy Charges (\$) (k) | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) | No. |
| 32 | ` , | | 3 / | 1,706 | ., | 1,706 | 1 |
| 14,778 | | | | 742,288 | | 742,288 | 2 |
| 5 | | | | 235 | | 235 | 3 |
| 514 | | | | 36,789 | | 36,789 | 4 |
| 7 | | | | 329 | | 329 | 5 |
| 6,612 | | | | 491,534 | | 491,534 | 6 |
| 9,032 | | | | 692,093 | | 692,093 | 7 |
| 59 | | | | 2,444 | | 2,444 | 8 |
| 154 | | | | 7,763 | | 7,763 | 9 |
| | | | | 13 | | 13 | 10 |
| 9,787 | | | | 642,437 | | 642,437 | 11 |
| 10,746 | | | | 715,462 | | 715,462 | |
| 106 | | 1 | | . 10,702 | | | |
| | | | | 6 691 | | | 12 |
| 3,966 | | | | 6,691 299,786 | | 6,691 299,786 | |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde | | | This Report Is: (1) XAn Original | Date of Report (Mo, Da, Yr) | Year/Period of Report End of 2016/Q4 | |
|--|--|---|--|--|---|---|
| Duke Energy Caro | linas, LLC | | (2) A Resubmission | 04/13/2017 | End of | |
| | | PUR | CHASED POWER(Account 555) ((Including power exchanges) | Continued) | | |
| • | eriod adjustment. n explanation in a | Use this code fo | r any accounting adjustments of | | provided in prior reporting | |
| i. In column (c), lesignation for the dentified in column (c). For requirement the monthly average monthly average monthly average monthly average monthly average monthly average in column to the medium of power exchange of the total charge of the total charge of the mount for the medium of the month for the month of the month o | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demandation of the maximum metron (b) the maximum metron (g) the megawatts. Footnote arm (g) the megawatts in columnshown on bills receipt of energy charges other that de an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule I parate lines, list and any type of d in column (d), to CP) demand in cered hourly (60-ration) in which the my demand not structured, used a mn (j), energy chan (l). Explain in a leived as settlemedy. If more energian incremental grant incremental grant footnote. (m) must be total of the column (i) must be rep | Number or Tariff, or, for non-FE all FERC rate schedules, tariffs service involving demand charthe average monthly non-coince column (f). For all other types of minute integration) demand in a supplier's system reaches its lated on a megawatt basis and on bills rendered to the respondes the basis for settlement. Do narges in column (k), and the total footnote all components of the ent by the respondent. For power was delivered than received, eneration expenses, or (2) excluded on the last line of the schedular amount in column (h) must orted as Exchange Delivered darations following all required darations following all required darations. | ges imposed on a monnident peak (NCP) demandiservice, enter NA in columnth. Monthly CP demander explain. Hent. Report in columns (not report net exchange, tall of any other types of e amount shown in columner exchanges, report in enter a negative amount udes certain credits or cludle. The total amount in the reported as Exchangen Page 401, line 13. | thly (or longer) basis, entered in column (e), and the turns (d), (e) and (f). Montanand is the metered dema eported in columns (e) and (h) and (i) the megawatthous charges, including mn (l). Report in column (column (m) the settlement to the settlement amount arges covered by the | thly and d (f) ours m) t at (l) |
| | POWER E | XCHANGES | COS | ST/SETTLEMENT OF POW | ÆR I | |
| MegaWatt Hours Purchased | MegaWatt Hours | MegaWatt Hour | | y Charges Other Cha | rges Total (j+k+l) | Line No. |
| (g) | Received (h) | Delivered (i) | (\$) (j) | (\$) (k) (1) | of Settlement (\$) (m) | 140. |
| 3,865 | | | | 293,121 | 293,121 | 1 |
| 3,812 | | | | 249,704 | 249,704 | 2 |
| 153 | | | | 8,487 | 8,487 | 3 |
| 4,089 | | | | 270,276 | 270,276 | 4 |
| 3,828 | | | | 253,531 | 253,531 | 5 |
| 4,055 | | | | 265,650 | 265,650 | 6 |
| 3,994 | | | | 292,587 | 292,587 | 7 |
| 78 | | | | 4,203 | 4,203 | 8 |
| 1,886 | | | | 125,523 | 125,523 | 9 |
| 6 | | | | 270 | 270 | 10 |
| 6 | | | | 315 | 315 | 11 |
| 4 | | | | 205 | 205 | 12 |
| 5 | | | | 251 | 251 | 13 |
| 60 | | | | 2,734 | 2,734 | 14 |
| | | | | i i | | |

308,593,628

333,120,270

1,202,335

10,288,097

8,031,061

| Name of Responde | | | | Report Is: X An Original | | te of Report o, Da, Yr) | | ar/Period of Report | |
|--|---|--|---|---|---|--|--|---|--|
| Duke Energy Caro | linas, LLC | | (2) | A Resubmission | 04 | /13/2017 | En | d of2016/Q4 | |
| | | PU | RCHAS (| SED POWER(Accour Including power exch | nt 555) (Continue nanges) | d) | * | | |
| • | eriod adjustment. n explanation in a | | - | accounting adjust | ments or "true-u | ıps" for service pr | ovided | in prior reporting | |
| i. In column (c), lesignation for the dentified in column (c). For requirement we monthly average monthly NCP demand is the foliation of power exchanges and the total charges are mount for the near the foliation of the foliatio | identify the FERC ne contract. On seemn (b), is provided nts RQ purchases age billing demancoincident peak (the maximum met 60-minute integral watts. Footnote arm (g) the megaw ges received and charges in colunustments, in colunustments, in colunustments, in colunustments of energy charges other that de an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule parate lines, list. It and any type of din column (d), CP) demand in ered hourly (60 cion) in which they demand not eatthours shown delivered, used mn (j), energy on (l). Explain in eived as settlen y. If more energy incremental of footnote. (m) must be tot on, line 10. The n (i) must be re | e Numit all FI of serv, the a colum-minut e sup stated n on bi as the charge n a focument b gy wa genera talled of total ported | ber or Tariff, or, for ERC rate schedule rice involving dema verage monthly no an (f). For all other te integration) dem plier's system react on a megawatt balls rendered to the e basis for settlements in column (k), arottoe all components of the last line of the last line of the last second on the last line of the last second on the last line of the last line | s, tariffs or contained charges impun-coincident per types of service and in a month, hes its monthly usis and explain, respondent. Refers, Do not report the total of arms of the amour For power exchance (2) excludes cervice and the total of arms of the amour for power exchance (2) excludes cervice coincides. The schedule. The (h) must be reported on Page | ract designations osed on a monntl ak (NCP) demand, enter NA in colument of the columns of the c | under water the column of the carges of carg | which service, as onger) basis, enter umn (e), and the land (f). Monother metered demain columns (e) and i) the megawatthout, including Report in column ((m) the settlement amount covered by the land (g) must be | athly and d (f) burs (m) at this this this this this this this thi |
| MegaWatt Hours | | XCHANGES | | | | EMENT OF POWE | | | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hou Delivered (i) | urs | Demand Charges (\$) (j) | Energy Charge (\$) (k) | S Other Char (\$) (I) | ges | Total (j+k+l) of Settlement (\$) (m) | No. |
| 5 | | | | | | 264 | | 264 | 1 |
| 7 | | | | | | 341 | | 341 | 2 |
| 1 | | | | | | 38 | | 38 | 3 |
| 11 | | | | | | 493 | | 493 | 4 |
| 4 | | | | | | 180 | | 180 | 5 |
| 8 | | | | | | 395 | | 395 | 6 |
| 2 | | | | | | 78 | | 78 | 7 |
| 14 | | | | | | 694 | | 694 | 8 |
| 8 | | | | | | 424 | | 424 | 9 |
| 1 | | | | | | 66 | | 66 | 10 |
| 3 | | | | | | 124 | | 124 | 11 |
| 6 | | | | | | 283 | | 283 | 12 |
| 13 | | | | | | 678 | | 678 | 13 |
| 3,755 | | | | | 250 | 285 | | 250,285 | 14 |
| | | | | | | | | | |

308,593,628

333,120,270

1,202,335

10,288,097

8,031,061

| Name of Responde Duke Energy Card | | (1) | | (Mo, D | | Year/Period of Report End of 2016/Q4 | |
|---|---|---|--|---|--|--|---|
| Dake Energy Gare | Jillas, LLo | (2) | | 04/13/2 | 2017 | | |
| | | PURCH | ASED POWER(Accour (Including power excr | langes) | | | |
| • | • | Use this code for a footnote for each a | | ments or "true-ups" | for service pro | ovided in prior reporting | |
| 4. In column (c), designation for the dentified in column 5. For requirementhe monthly average monthly NCP demand is fouring the hour (must be in mega 5. Report in column for the mout-of-period adjudent for the nonclude credits of agreement, proving 12. The total charge in the data in coreported as Purcine 12. The total | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demancoincident peak (the maximum met 60-minute integral watts. Footnote arm (g) the megaw ges received and charges in colunustments, in colunustments, in colunustments, in colunustments of energy charges other that ide an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule Nu parate lines, list all l. s and any type of se d in column (d), the CP) demand in column (60-mir lion) in which the sury demand not stat ratthours shown on delivered, used as mn (j), energy charnn (l). Explain in a feived as settlement ly. If more energy van incremental gen of footnote. (m) must be totalle lot, line 10. The totan (i) must be reported. | imber or Tariff, or, for FERC rate schedule ervice involving dema e average monthly no umn (f). For all other nute integration) demupplier's system reacted on a megawatt babills rendered to the the basis for settlemerges in column (k), are footnote all component by the respondent. was delivered than referation expenses, or | nd charges imposed n-coincident peak (I types of service, end in a month. Monthes its monthly peal sis and explain. The respondent. Reported the total of any other of the amount short power exchangueived, enter a negulation (2) excludes certain the schedule. The total of nust be reported the must be reported the schedule. The total of nust be reported the schedule. The total peak of the schedule. The total peak of the schedule. | designations of the designations of the designations of the designations of the designation of the designati | n (I). Report in column (blumn (m) the settlemen If the settlement amoun arges covered by the | thly and d (f) ours m) t at (l) |
| MogaWatt Hours | POWER E | XCHANGES | | COST/SETTLEM | ENT OF POWE | R | Line |
| MegaWatt Hours Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hours Delivered (i) | Demand Charges (\$) (j) | Energy Charges (\$) (k) | Other Charg (\$) (I) | res Total (j+k+l) of Settlement (\$) (m) | No. |
| 7 | , , | | | 352 | | 352 | 1 |
| 30 | | | | 1,506 | | 1,506 | 2 |
| 8 | | | | 365 | | 365 | 3 |
| 2 | | | | 100 | | 100 | 4 |
| 3 | | | | 139 | | 139 | 5 |
| 4 | | | | 193 | | 193 | 6 |
| 46 | | | | 2,337 | | 2,337 | 7 |
| 3,084 | | | | 215,567 | | 215,567 | 8 |
| 5,048 | | | | 352,852 | | 352,852 | 9 |
| 21,038 | | | | 1,135,413 | | 1,135,413 | 10 |
| 5,179 | | | | 362,013 | | 362,013 | 11 |
| 12,858 | | | | 825,503 | | 825,503 | 12 |
| 8,032 | | | | 527,941 | | 527,941 | 13 |
| 196 | | | 1 | | | | |
| 190 | | | | 9,890 | | 9,890 | 14 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde | | | Γhis Report Is: 1) | Date of Re (Mo, Da, Y | | Year/Period of Report End of 2016/Q4 | |
|--|---|--|---|---|--|--|--|
| Duke Energy Caro | olinas, LLC | 1 ' | 2) A Resubmission | 04/13/2017 | 7 | | |
| | | PUR | CHASED POWER(Account 555) ((Including power exchanges) | Continued) | | | |
| - | eriod adjustment. In explanation in a | | r any accounting adjustments on adjustments of the second | or "true-ups" for | service provid | led in prior reporting | |
| i. In column (c), lesignation for the dentified in column (c). For requirement we monthly average monthly NCP demand is the foliation of power exchanges and the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the total c | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demandation coincident peak (of the maximum meters and the maximum meters. Footnote arm (g) the megawatts. Footnote arm (g) the megawatts in columnshown on bills receipt of energy of charges other that ide an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule I parate lines, list and any type of d in column (d), to CP) demand in cered hourly (60-ration) in which the my demand not signatthours shown adelivered, used a mn (j), energy chan (l). Explain in a leived as settlemedy. If more energian incremental gran increment | Number or Tariff, or, for non-FE all FERC rate schedules, tariffs service involving demand charche average monthly non-coince folumn (f). For all other types or minute integration) demand in a supplier's system reaches its lated on a megawatt basis and on bills rendered to the respondes the basis for settlement. Do harges in column (k), and the total footnote all components of the ent by the respondent. For powy was delivered than received, generation expenses, or (2) excelled on the last line of the schedular | ges imposed or ident peak (NCF f service, enter I a month. Monthly peak. Dexplain. Ident. Report in contreport net extra of any other e amount show wer exchanges, enter a negativudes certain credule. The total to be reported as in Page 401, line | a monnthly (or a monnthly (or a) demand in one of the columns (h) are column (l) report in column (l) report in column (l) are amount. If the column column (l) are col | er which service, as or longer) basis, enter column (e), and the column (e), and the side (d), (e) and (f). Monitis the metered demanded in columns (e) and (i) the megawatthe ges, including to the Report in column (m) the settlement amount es covered by the cumn (g) must be | thly nd d (f) ours m) t t (l) |
| MegaWatt Hours | POWER E | XCHANGES | | ST/SETTLEMENT | OF POWER | | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hour Delivered (i) | S Demand Charges Energ (\$) (j) | y Charges (\$) (k) | Other Charges (\$) (I) | Total (j+k+l) of Settlement (\$) (m) | No. |
| 1,721 | | | | 100,661 | | 100,661 | |
| 3 | | | | 140 | | 140 | 1 |
| 9,227 | | | | 615,132 | | 615,132 | 2 |
| 4 | | | | | | | |
| | | | | 205 | | 205 | 2 3 4 |
| 8,854 | | | | 676,575 | | 676,575 | 2 3 4 5 |
| 6 | | | | 676,575 312 | | 676,575 312 | 2 3 4 5 6 |
| | | | | 676,575 312 4,273 | | 676,575 312 4,273 | 2 3 4 5 6 7 |
| 6 | | | | 676,575 312 4,273 336 | | 676,575 312 4,273 336 | 2 3 4 5 6 7 8 |
| 6 84 7 1 | | | | 676,575 312 4,273 336 63 | | 676,575 312 4,273 336 63 | 2 3 4 5 6 7 8 |
| 6 84 7 1 1,631 | | | | 676,575 312 4,273 336 63 121,917 | | 676,575 312 4,273 336 63 121,917 | 2 3 4 5 6 7 8 9 |
| 6 84 7 1 | | | | 676,575 312 4,273 336 63 121,917 336,904 | | 676,575 312 4,273 336 63 121,917 336,904 | 2 3 4 5 6 7 8 9 10 |
| 6 84 7 1 1,631 | | | | 676,575 312 4,273 336 63 121,917 336,904 193 | | 676,575 312 4,273 336 63 121,917 336,904 193 | 2 3 4 5 6 7 8 9 10 11 |
| 6 84 7 1 1,631 4,557 4 | | | | 676,575 312 4,273 336 63 121,917 336,904 193 38 | | 676,575 312 4,273 336 63 121,917 336,904 193 | 2 3 4 5 6 7 8 9 10 11 12 |
| 6 84 7 1 1,631 | | | | 676,575 312 4,273 336 63 121,917 336,904 193 | | 676,575 312 4,273 336 63 121,917 336,904 193 | 2 3 4 5 6 7 8 9 10 11 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde Duke Energy Card | | (1) | | (Mo, D | | Year/Period of Report End of 2016/Q4 | |
|--|--|---|---|---|--|---|--|
| | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | (2) | A Resubmission | 04/13/2 | 2017 | | |
| | | FUNCII | ASED POWER(Accour (Including power exch | langes) | | | |
| • | - | Use this code for a footnote for each a | | ments or "true-ups" | for service pro | ovided in prior reporting | |
| 4. In column (c), designation for the dentified in column 5. For requirementhe monthly average monthly NCP demand is addring the hour (must be in mega 5. Report in column for the month of power exchanged the total charge samount for the nonclude credits of agreement, proving 12. The total charge in the data in correported as Purcine 12. The total | identify the FERC ne contract. On seemn (b), is provided into RQ purchases age billing demandration of coincident peak (the maximum met 60-minute integral watts. Footnote armn (g) the megaw ges received and charges in colunustments, in colunustme | Rate Schedule Nu parate lines, list all l. s and any type of se d in column (d), the CP) demand in coluered hourly (60-mir cion) in which the suny demand not stativatthours shown on delivered, used as mn (j), energy charnn (l). Explain in a feived as settlement y. If more energy van incremental generation (m) must be totalle pt, line 10. The totan (i) must be reported. | imber or Tariff, or, for FERC rate schedule ervice involving dema ervice involving dema ervice integration) demoupplier's system reacted on a megawatt babills rendered to the the basis for settlemerges in column (k), arricotnote all component by the respondent. Was delivered than referation expenses, or don the last line of the schedule. | nd charges imposed n-coincident peak (I types of service, end in a month. Monthes its monthly peal sis and explain. The respondent. Reported the total of any other of the amount short power exchangueived, enter a negulation (2) excludes certain the schedule. The total of nust be reported the must be reported the schedule. The total of nust be reported the schedule. The total peak of the schedule. The total peak of the schedule. | designations under a monnth NCP) demand ter NA in columnthly CP demand repair columns (h) et exchange, her types of chaown in columnes, report in columnes, report in columnes, recolumnes, recolumnes, resport in columnes, responsible to the columnes of the col | n (I). Report in column (olumn (m) the settlemen If the settlement amour irges covered by the | thly and d (f) ours (m) t nt (l) |
| | POWER E | XCHANGES | | COST/SETTLEM | ENT OF POWE | R | 1: |
| MegaWatt Hours Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hours Delivered (i) | Demand Charges (\$) (j) | Energy Charges (\$) (k) | Other Charg (\$) (I) | res Total (j+k+l) of Settlement (\$) (m) | Line No. |
| 4,049 | ` ' | () | 3, | 313,038 | | 313,038 | 1 |
| 1,605 | | | | 106,772 | | 106,772 | 2 |
| 10,283 | | | | 682,291 | | 682,291 | 3 |
| 203 | | | | 10,997 | | 10,997 | 4 |
| 4,644 | | | | 319,984 | | 319,984 | 5 |
| 4,628 | | | | 320,027 | | 320,027 | 6 |
| 9,456 | | | | 628,360 | | 628,360 | 7 |
| 9,475 | | | | 722,387 | | 722,387 | 8 |
| | | | | 20 | | 20 | |
| 9,088 | | | | 696,332 | | 696,332 | 9 |
| 1 | | | | | | 000,002 | |
| 802 | | | | | | 22 | 10 |
| 7 | | | | 32 | | 32 40 271 | 10 11 |
| , | | | | 32 40,271 | | 40,271 | 10 11 12 |
| 17 | | | | 32 | | | 10 11 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde | | | This Report Is: (1) X An Original | Date of (Mo, Da | Report a. Yr) | Year/Period of Report | |
|--|--|--|---|--|---|---|---------------------|
| Duke Energy Caro | linas, LLC | | (2) A Resubmission | 04/13/2 | | End of2016/Q4 | |
| | | PUR | RCHASED POWER(Accoun (Including power exch | t 555) (Continued) anges) | • | | |
| • | eriod adjustment. n explanation in a | Use this code for | or any accounting adjust | | for service pro | ovided in prior reporting | |
| I. In column (c), lesignation for the dentified in column (c). For requirement the monthly average monthly NCP demand is the demand is the dentification of power exchanger. Report demander out-of-period adjusted to the total charge semount for the negation of the demander of the demand | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demanded coincident peak (the maximum meters of the maximum meters of the maximum meters of the maximum meters of the maximum of the megawatts. Footnote are min (g) the megawatts, in columns of the column (g) through the column (g) through the column of | Rate Schedule parate lines, list l. and any type of din column (d), CP) demand in ered hourly (60-tion) in which they demand not statthours shown delivered, used mn (j), energy conn (l). Explain in eived as settlem y. If more energan incremental gran gran incremental gran incre | Number or Tariff, or, for all FERC rate schedules of service involving demand the average monthly not column (f). For all other the integration) demands are supplier's system reach stated on a megawatt base on bills rendered to the least the basis for settlements as the basis for settlements are footnote all componerment by the respondent. If gy was delivered than regeneration expenses, or alled on the last line of the total amount in column (ported as Exchange Delimations following all requirements. | s, tariffs or contract and charges imposed in-coincident peak (Natypes of service, enternand in a month. Mornes its monthly peaks and explain. The service of the total of any other than the total of any other than the total of any other than the service of the amount should be repower exchanged (2) excludes certain the schedule. The total on Page 401, ired data. | designations under a monnth NCP) demand the NCP) demand the NCP demand repairs of the columns (high exchange) and the columns of the columns | ly (or longer) basis, enterin column (e), and the mns (d), (e) and (f). Monand is the metered demandered in columns (e) and (i) the megawatthe arges, including in (l). Report in column (olumn (m) the settlement amountages covered by the Received on Page 401 | thly and d (f) burs |
| MegaWatt Hours | MegaWatt Hours | XCHANGES MegaWatt Hou | ura Domand Chargos I | COST/SETTLEMI Energy Charges | Other Charg | | Line |
| Purchased (g) | Received (h) | Delivered (i) | urs Demand Charges (\$) (j) | (\$) (k) | (\$) (I) | of Settlement (\$) | No. |
| 3,938 | | | | 263,196 | | 263,196 | 1 |
| 134 | | | | 7,197 | | 7,197 | 2 |
| 9,509 | | | | 725,689 | | 725,689 | 3 |
| 2 | | | | 87 | | 87 | 4 |
| 2,194 | | | | 108,986 | | 108,986 | 5 |
| 9,264 | | | | 447,372 | | 447,372 | 6 |
| 0.040 | | | | 202 121 | | 200.404 | 7 |
| 6,012 | | | | 300,131 | | 300,131 | 8 |
| 13,968 | | | | 663,551 | | 663,551 | 9 |
| | | | | | | | 10 |
| 265 | | | | 13,439 | | 13,439 | 11 |
| 26 | | | | 1,334 | | 1,334 | 12 |
| 24 | | | | 1,229 | | 1,229 | 13 |
| 2,291 | | | | 116,765 | | 116,765 | 14 |
| | | | | | | | |

308,593,628

333,120,270

1,202,335

10,288,097

8,031,061

| Name of Responde | | | Γhis Report Is: 1) | Date of (Mo, Da | | Year/Period of Report End of 2016/Q4 | |
|--|--|---|---|---|---|--|---|
| Duke Energy Caro | olinas, LLC | | 2) A Resubmission | 04/13/2 | 017 | | |
| | | PUR | CHASED POWER(Account (Including power exchains) | 555) (Continued) nges) | • | | |
| - | eriod adjustment. In explanation in a | | r any accounting adjustm h adjustment. | ents or "true-ups" | for service pro | vided in prior reporting | |
| i. In column (c), lesignation for the dentified in column (c). For requirement we monthly average monthly NCP demand is the foliation of power exchanges and the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the total c | identify the FERC ne contract. On seemn (b), is provided into RQ purchases age billing demandration of coincident peak (the maximum met 60-minute integral watts. Footnote armn (g) the megaw ges received and charges in colunustments, in colunustme | Rate Schedule I parate lines, list I. s and any type of d in column (d), if CP) demand in cered hourly (60-ration) in which the my demand not stratthours shown (delivered, used a mn (j), energy chan (l). Explain in eived as settlemely. If more energian incremental gran incremental gran footnote. (m) must be total of, line 10. The form (i) must be rep | Number or Tariff, or, for nall FERC rate schedules, service involving demands the average monthly non-column (f). For all other tyninute integration) demands supplier's system reaches the basis for settlement arges in column (k), and a footnote all components that by the respondent. For ywas delivered than recepted the last line of the total amount in column (horted as Exchange Deliverations following all requires | d charges imposed coincident peak (New pessor service, entrod in a month. Mones its monthly peak is and explain. Espondent. Report it. Do not report new the total of any other or power exchange eived, enter a negative excludes certain eschedule. The total of must be reported ered on Page 401, | designations u I on a monnthl ICP) demand i er NA in colum othly CP demand in columns (h) t exchange. her types of ch own in column es, report in co ative amount. credits or chait tal amount in co as Exchange | y (or longer) basis, enterin column (e), and the ins (d), (e) and (f). Monind is the metered demandered in columns (e) and and (i) the megawatthe arges, including (I). Report in column (I) lumn (m) the settlement amountinges covered by the column (g) must be | thly nd d (f) ours m) t t (I) |
| MegaWatt Hours | | XCHANGES | | COST/SETTLEME | | | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hour Delivered (i) | S Demand Charges (\$) (j) | Energy Charges (\$) (k) | Other Charge (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) | No. |
| 10,229 | | ., | | 715,802 | | 715,802 | 1 |
| | | | | | | | 2 |
| 485 | | | | 28,374 | | 28,374 | 3 |
| 8 | | | | 270 | | 270 | 4 5 |
| 7,067 | | | | 379 494,250 | | 379 494,250 | 5 |
| 7,007 | | | | 494,250 | | 199 | 6 |
| 8,296 | | | | 469,463 | | 469,463 | 6 |
| 5,918 | N | | | | | | 7 |
| 5,918 | | | | | | | 7 |
| 4 000 | | | | 331,258 | | 331,258 | 7 8 9 |
| 1,029 | | | | 331,258 43,650 | | 331,258 43,650 | 7 8 9 10 |
| 1,029 7 | | | | 331,258 43,650 347 | | 331,258 43,650 347 | 7 8 9 10 |
| 7 | | | | 331,258 43,650 347 134 | | 331,258 43,650 347 134 | 7 8 9 10 11 12 |
| 1,029 7 3 1,077 13 | | | | 331,258 43,650 347 | | 331,258 43,650 347 | 7 8 9 10 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Duke Energy Caro | ent | | This Report Is: 1) □ X An Original | Date of (Mo, Date) | Report a. Yr) | Year/Period of Repor | |
|--|--|--|--|---|--|--|---|
| 0, | linas, LLC | (| 2) A Resubmission | 04/13/2 | | End of2016/Q4 | |
| | | PURC | CHASED POWER(Account (Including power exch | nt 555) (Continued) nanges) | | | |
| - | eriod adjustment. L n explanation in a f | | | ments or "true-ups" | for service pro | ovided in prior reporting | |
| i. In column (c), lesignation for the dentified in column (c). For requirement we monthly average monthly NCP demand is the foliation of power exchanges and the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the total c | identify the FERC In the contract. On septing (b), is provided. Ints RQ purchases age billing demand coincident peak (C) the maximum meter and the coincident peak (C) the maximum meter and the charges in column (g) the megaward ges received and did charges in column ustments, in column shown on bills receipt of energy of charges other than the column (g) through (in the column (g) through (g) throug | Rate Schedule Narate lines, list and any type of in column (d), to the column (d), energy chann (d | Number or Tariff, or, for all FERC rate schedule service involving dema he average monthly no olumn (f). For all other ninute integration) dem supplier's system reac ated on a megawatt bath to bills rendered to the as the basis for settleme arges in column (k), and a footnote all componerent by the respondent. If y was delivered than receneration expenses, or alled on the last line of the service in the service in the last line of the service involved in the service in | s, tariffs or contract and charges imposed in-coincident peak (I types of service, entand in a month. More hes its monthly peal is and explain. It is and explain. The service of the amount should be served, enter a negative ceived, enter a negative ceived. The to (h) must be reported in the schedule. The to (h) must be reported in the schedule. The to (h) must be reported in the schedule. | designations under a monnth NCP) demand ter NA in columnthly CP demand repair columns (h) et exchange, there types of chown in columnes, report in columnes, report in columnes, recolumnes, recolumnes, resport in columnes, responsible to the columnes of the co | ly (or longer) basis, ent in column (e), and the inns (d), (e) and (f). Mor and is the metered demi- ported in columns (e) are and (i) the megawatth marges, including in (l). Report in column blumn (m) the settlement of the settlement amountarges covered by the | er nthly and nd (f) ours (m) nt nt (l) |
| | | | | | | | |
| MogaWatt Hours | POWER EX | KCHANGES | | COST/SETTLEMI | ENT OF POWE | R | Line |
| MegaWatt Hours Purchased (a) | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges | Other Charg | res Total (j+k+l) of Settlement (\$) | Line No. |
| | MegaWatt Hours | MegaWatt Hours | s Demand Charges (\$) (j) | | | jes Total (j+k+l) | No. |
| Purchased (g) | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) | Other Charg | res Total (j+k+l) of Settlement (\$) (m) | No. |
| Purchased (g) 8 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) | Other Charg | res Total (j+k+l) of Settlement (\$) (m) | No. |
| Purchased (g) 8 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 332 1,054 | Other Charg | res Total (j+k+l) of Settlement (\$) (m) 332 | No. 2 1 2 3 |
| Purchased (g) 8 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 332 1,054 245 | Other Charg | res Total (j+k+l) of Settlement (\$) (m) 332 1,054 | No. 1 2 3 3 4 |
| Purchased (g) 8 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 332 1,054 245 292 | Other Charg | Total (j+k+l) of Settlement (\$) (m) 332 1,054 245 | No. 1 2 3 4 5 |
| Purchased (g) 8 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 332 1,054 245 292 151 | Other Charg | Total (j+k+l) of Settlement (\$) (m) 332 1,054 245 292 151 | No. 2 1 2 3 3 2 4 5 6 |
| Purchased (g) 8 22 5 6 3 5 6 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 332 1,054 245 292 151 231 | Other Charg | Total (j+k+l) of Settlement (\$) (m) 332 1,054 245 292 151 231 286 | No. 2 1 1 2 3 3 2 4 5 6 6 7 |
| Purchased (g) 8 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 332 1,054 245 292 151 231 286 35,701 | Other Charg | Total (j+k+l) of Settlement (\$) (m) 332 1,054 245 292 151 231 286 35,701 | No. 2 1 1 2 3 3 2 4 5 6 6 7 8 |
| Purchased (g) 8 22 5 6 3 5 6 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 332 1,054 245 292 151 231 286 35,701 52 | Other Charg | Total (j+k+l) of Settlement (\$) (m) 332 1,054 245 292 151 231 286 35,701 52 | No. 1 1 2 3 3 2 4 4 5 6 6 7 8 8 9 9 |
| Purchased (g) 8 22 5 6 3 5 6 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 332 1,054 245 292 151 231 286 35,701 52 213 | Other Charg | Total (j+k+l) of Settlement (\$) (m) 332 1,054 245 292 151 286 35,701 52 213 | No. 1 2 1 3 2 5 6 6 7 8 2 9 10 |
| Purchased (g) 8 22 5 6 3 5 6 557 1 4 2 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 332 1,054 245 292 151 231 286 35,701 52 213 | Other Charg | Total (j+k+l) of Settlement (\$) (m) 332 1,054 245 292 151 231 286 35,701 52 213 | No. 2 1 1 2 3 3 2 4 5 6 6 7 8 8 2 9 8 10 11 |
| Purchased (g) 8 22 5 6 35 6 557 1 4 2 4,331 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 332 1,054 245 292 151 231 286 35,701 52 213 77 277,533 | Other Charg | Total (j+k+l) of Settlement (\$) (m) 332 1,054 245 292 151 286 35,701 52 213 77 277,533 | No. 2 1 1 2 3 3 2 4 4 5 6 6 7 8 8 2 9 8 10 7 11 8 12 |
| Purchased (g) 8 22 5 6 3 5 6 557 1 4 2 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 332 1,054 245 292 151 231 286 35,701 52 213 77 277,533 648,268 | Other Charg | Total (j+k+l) of Settlement (\$) (m) 332 1,054 245 292 151 231 286 35,701 52 213 77 277,533 648,268 | No. 2 1 1 2 3 3 2 4 4 5 6 6 7 8 8 2 9 8 10 7 11 8 12 8 13 |
| Purchased (g) 8 22 5 6 35 6 557 1 4 2 4,331 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 332 1,054 245 292 151 231 286 35,701 52 213 77 277,533 | Other Charg | Total (j+k+l) of Settlement (\$) (m) 332 1,054 245 292 151 286 35,701 52 213 77 277,533 | No. 2 1 1 2 3 3 2 4 4 5 6 6 7 8 8 2 9 8 10 7 11 8 12 8 13 |

308,593,628

333,120,270

1,202,335

10,288,097

8,031,061

| Name of Responde Duke Energy Caro | | (1) | | (Mo, D | | Year/Period of Repor End of 2016/Q4 | |
|---|---|--|--|---|--|--|---|
| | | (2) | | 04/13/2 | 2017 | | - |
| AD 6 | | | IASED POWER(Account (Including power exchange) | | | | |
| - | • | Use this code for a footnote for each | | ments or "true-ups" | for service pro | ovided in prior reporting | |
| 4. In column (c), designation for the dentified in column 5. For requirementhe monthly average monthly NCP demand is the during the hour (must be in megal 5. Report in column for the month of power exchanged the total charge samount for the nonclude credits or agreement, proving 12. The total charge in the data in coreported as Purcine 12. The total | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demandation coincident peak (of the maximum meters and the maximum meters. Footnote arm (g) the megawatts. Footnote arm (g) the megawatts in columnshown on bills receipt of energy of charges other that ide an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule Nuperate lines, list all d. s and any type of so d in column (d), the CP) demand in column (formal formal f | umber or Tariff, or, for FERC rate schedule ervice involving dema e average monthly no umn (f). For all other nute integration) demupplier's system reacted on a megawatt babills rendered to the the basis for settlemerges in column (k), and footnote all component by the respondent. was delivered than reperation expenses, or | s, tariffs or contract and charges impose in-coincident peak (I types of service, en and in a month. Mo hes its monthly pea is and explain. respondent. Reportent. Do not report neat the total of any of the amount short power exchang received, enter a neg (2) excludes certain the schedule. The total on Page 401 | designations of the designations of the designations of the designations of the designation of the designati | n (I). Report in column olumn (m) the settlement amou arges covered by the | er nthly and nd (f) ours (m) nt nt (l) |
| MegaWatt Hours | Ī | XCHANGES | | COST/SETTLEM | | | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hours Delivered (i) | Demand Charges (\$) (j) | Energy Charges (\$) (k) | Other Charg (\$) (I) | ges Total (j+k+l) of Settlement (\$) (m) | No. |
| 3 | | | | 132 | | 132 | 2 1 |
| 5 | | | | 256 | | 256 | 3 2 |
| 3 | | | | 154 | | 154 | 1 3 |
| 3 | | | | 152 | | 152 | 2 4 |
| 4 | | | | 192 | | 192 | |
| 2,327 | | | | 132,475 | | 132,475 | |
| | | | | | | | |
| 6,411 | | | | 422,964 | | 422,964 | |
| 2 | | | | 101 | | 10 | |
| 565 | | | | 28,639 | | 28,639 | |
| 10,521 | | | | 692,888 | | 692,888 | |
| 131 | | | | 5,405 | | 5,405 | 11 |
| 13 | | | | 636 | | 636 | 12 |
| 2 | | | | 106 | | 106 | 13 |
| 401 | | | | 26,633 | | 26,633 | 3 14 |
| | | | | | | | |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde | | | This Report Is: (1) X An Original | Date of (Mo, Date) | Report a. Yr) | Year/Period of Report | |
|--|---|---|--|--|--|---|----------------------------------|
| Duke Energy Caro | linas, LLC | | (2) A Resubmission | 04/13/2 | | End of2016/Q4 | |
| | | PUR | CHASED POWER(Account (Including power exch | t 555) (Continued) anges) | | | |
| - | eriod adjustment. n explanation in a | Use this code fo | or any accounting adjustr | | for service pro | ovided in prior reporting | |
| lesignation for th | ne contract. On se | parate lines, list | Number or Tariff, or, for all FERC rate schedules | • | | | |
| is. For requirement me monthly average monthly ICP demand is to luring the hour (inclust be in megand). Report in colurif power exchanges and the total charge is impount for the nearly credits or agreement, proving the data in content of the total charge is impount for the nearly credits or agreement, proving the total charge is included to the total charge is included to the nearly proving the total in content of the total charge is included as Purchase 12. The total | age billing demand coincident peak (the maximum meter 60-minute integrat watts. Footnote arm (g) the megawages received and charges in columnshown on bills received receipt of energy charges other that de an explanatory blumn (g) through thases on Page 40 I amount in columns | and any type of d in column (d), CP) demand in ered hourly (60-ion) in which the ey demand not statthours shown delivered, used mn (j), energy can (l). Explain in eived as settlem y. If more energy in incremental grant footnote. (m) must be total, line 10. The energy in must be representation (i) must be representation (ii) must be representation (iii) must be representation (di) | f service involving demarthe average monthly nor column (f). For all other the integration of demarks are supplier's system reachestated on a megawatt base on bills rendered to the reast the basis for settleme tharges in column (k), and a footnote all component by the respondent. Figure as delivered than reageneration expenses, or (called on the last line of the total amount in column (corted as Exchange Deliverations following all requirements). | n-coincident peak (I ypes of service, entand in a month. Mon nes its monthly peal sis and explain. respondent. Report ent. Do not report ned the total of any ot ats of the amount shaper power exchange ceived, enter a negal (2) excludes certain ne schedule. The to h) must be reported wered on Page 401, | NCP) demand for NA in columnater NA in columnater NA in columnater in columns (high exchange) and in columnater types of chown in columnative amount, credits or chall amount in the last exchange | in column (e), and the mns (d), (e) and (f). Mon and is the metered dema corted in columns (e) and (i) the megawatthe narges, including in (l). Report in column (o) blumn (m) the settlement amour arges covered by the column (g) must be | athly and ad (f) ours (m) at (I) |
| | POWER E | XCHANGES | | COST/SETTLEM | ENT OF POWE | R | 1 |
| MegaWatt Hours | MegaWatt Hours | MegaWatt Hou | irs Demand Charges | Energy Charges | Other Charg | ges Total (j+k+l) | Line No. |
| Purchased (g) | Received (h) | Delivered (i) | (\$) (j) | (\$) (k) | (\$) (I) | of Settlement (\$) (m) | NO. |
| 26,026 | | () | U/ | 1,397,439 | () | 1,397,439 | 1 |
| 3 | | | | 139 | | 139 | 2 |
| 33 | | | | 1,646 | | 1,646 | 3 |
| 3,756 | | | | 250,960 | | 250,960 | 4 |
| 4 | | | | 192 | | 192 | 5 |
| 6,376 | | | | 325,069 | | 325,069 | 6 |
| 9,310 | | | | 620,577 | | 620,577 | 7 |
| 9,779 | | | | 643,561 | | 643,561 | 8 |
| 6,219 | | | | 438,316 | | 438,316 | |
| 9,005 | | | | 646,572 | | 646,572 | |
| 768 | | | | 57,739 | | 57,739 | |
| 13 | | | | 666 | | 666 | |
| 2,197 | | | | 115,092 | | 115,092 | |
| 235 | | | | 13,943 | | 13,943 | |
| | | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde | | | This Report Is: (1) X An Original | Date of (Mo, Da | Report Yr) | Year/Period of Report | |
|--|--|--|--|--|--|--|---------------------|
| Duke Energy Caro | linas, LLC | | (2) A Resubmission | 04/13/2 | | End of2016/Q4 | |
| | | PUR | CHASED POWER(Account (Including power exchains) | 555) (Continued) nges) | 1 | | |
| • | eriod adjustment. n explanation in a | Use this code for | or any accounting adjustm | | for service pro | vided in prior reporting | |
| i. In column (c), lesignation for the dentified in column (c). For requirement we monthly average monthly NCP demand is the foliation of power exchanges and the total charges are mount for the near the foliation of the foliatio | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demandation of the maximum metron (b) the maximum metron (g) the megawatts. Footnote arm (g) the megawatts in columnshown on bills receipt of energy charges other that de an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule parate lines, list I. s and any type of d in column (d), CP) demand in dered hourly (60-tion) in which the my demand not stratthours shown delivered, used a mn (j), energy clann (l). Explain in eived as settlem by. If more energen incremental go footnote. (m) must be total of the more total of the must be reported to the more total of th | Number or Tariff, or, for nall FERC rate schedules, ferror service involving demand the average monthly noncolumn (f). For all other tyminute integration) demand supplier's system reachestated on a megawatt basion bills rendered to the reas the basis for settlement harges in column (k), and a footnote all components ent by the respondent. For ywas delivered than receiveneration expenses, or (2) alled on the last line of the total amount in column (hoorted as Exchange Deliverations following all requires | d charges imposed coincident peak (Notes of service, enter an amonth. Mores its monthly peak is and explain. Report not. Do not report not the total of any ottes of the amount shor power exchange eived, enter a negal excludes certain exchadule. The total of must be reported ered on Page 401, | designations under a monnthly NCP) demand the NCP) demand the NCP demand report in columns (h) at exchange, there types of chown in columnes, report in columnes, report in columnes, redits or chall amount in columnet and a mount in columnet and a | y (or longer) basis, enterin column (e), and the nns (d), (e) and (f). Monnd is the metered demanded in columns (e) and (i) the megawatthe arges, including (I). Report in column (blumn (m) the settlement amour rges covered by the column (g) must be | thly and d (f) burs |
| MegaWatt Hours | | XCHANGES | | COST/SETTLEMI | | | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hou Delivered (i) | rs Demand Charges (\$) (j) | Energy Charges (\$) (k) | Other Charg (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) | No. |
| 6 | | | | 269 | | 269 | 1 |
| 9 | | | | 464 | | 464 | 2 |
| 7,036 | | | | 496,501 | | 496,501 | 3 |
| 1,611 | | | | 83,248 | | 83,248 | 4 |
| 1 | | | | 44 | | 44 | 5 |
| 10,292 | | | | 673,680 | | 673,680 | 6 |
| 2,173 | | | | 165,909 | | 165,909 | 7 |
| 14 | | | | 693 | | 693 | 8 |
| 6,469 | | | | 424,650 | | 424,650 | 9 |
| 28 | | | | 1,429 | | 1,429 | 10 |
| | | | | | | | 11 |
| 12,038 | | | | 822,956 | | 822,956 | |
| | | | | -230,824 | | -230,824 | 12 |
| 164 | | | | 8,240 | | 8,240 | |
| 4 | | | | 182 | | 182 | 14 |
| | | | | | | | |

308,593,628

333,120,270

1,202,335

10,288,097

8,031,061

| Name of Responde | | | This Report Is: (1) XAn Original | Date of (Mo, Da | Report | Year/Period of Report | |
|--|--|---|--|---|--|--|---|
| Duke Energy Caro | linas, LLC | | (2) A Resubmission | 04/13/2 | | End of2016/Q4 | |
| | | PUR | CHASED POWER(Account 5 (Including power exchan | 55) (Continued) | + | | |
| - | eriod adjustment. n explanation in a | Use this code for | or any accounting adjustme | | for service pro | vided in prior reporting | |
| i. In column (c), lesignation for the dentified in column (c). For requirement we monthly average monthly NCP demand is the foliation of power exchanges and the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the total charges are mount for the negation of the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the data in control of the total charges are the total c | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demandation of the maximum metron (b) the maximum metron (g) the megawatts. Footnote arm (g) the megawatts in columnshown on bills receipt of energy charges other that de an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule parate lines, list I. | Number or Tariff, or, for no all FERC rate schedules, is service involving demand the average monthly non-column (f). For all other typininute integration) demands supplier's system reachestated on a megawatt basis on bills rendered to the react the basis for settlement arges in column (k), and is a footnote all components ent by the respondent. For your was delivered than receive eneration expenses, or (2) alled on the last line of the total amount in column (h) corted as Exchange Delivered than sequired than sequ | tariffs or contract tariffs or contract tariffs or contract tariffs or contract the coincident peak (Notes of service, ent d in a month. More its monthly peak and explain. Sepondent. Report to the total of any other total of any other total of any other of the amount short power exchange (ived, enter a negatived, enter a negatived, enter a negatived, enter a negatived, enter a negatived.) excludes certain schedule. The total on Page 401, | designations under a monnthly MCP) demander NA in columnathly CP demander CP demander CP demander types of chown in columnative amount. The credits or chance as Exchange as Exchange | y (or longer) basis, enterin column (e), and the nns (d), (e) and (f). Monnd is the metered demanded in columns (e) and (i) the megawatthe arges, including (I). Report in column (blumn (m) the settlement amour rges covered by the column (g) must be | athly and d (f) burs (m) at the total thick (I) |
| MegaWatt Hours | | XCHANGES | | COST/SETTLEME | | | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hou Delivered (i) | rs Demand Charges (\$) (j) | Energy Charges (\$) (k) | Other Charg (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) | No. |
| 12 | | | | 590 | | 590 | 1 |
| 5 | | | | 250 | | 250 | 2 |
| 12 | | | | 622 | | 622 | 3 |
| 6 | | | | 330 | | 330 | 4 |
| 260 | | | | 13,133 | | 13,133 | 5 |
| 17,801 | | | | 1,206,905 | | 1,206,905 | 6 |
| | | | | -618,479 | | -618,479 | 7 |
| 444 | | | | 28,634 | | 28,634 | 8 |
| 7 | | | | 339 | | 339 | 9 |
| 6 | | | | 289 | | 289 | 10 |
| 2 | | | + | 111 | | 111 | 11 |
| | | | + | 969 | | 969 | |
| 3 | | | | 134 | | 134 | |
| s | | | | 386 | | 386 | |
| | | | | 330 | | 350 | |

308,593,628

333,120,270

1,202,335

10,288,097

8,031,061

| Name of Responde Duke Energy Card | | | his Report Is: I) XAn Original | Date of (Mo, Da | ı, Yr) | Year/Period of Report End of 2016/Q4 | |
|--|--|---|---|---|--|--|---|
| Dake Energy Gare | Jillias, ELO | (2 | , m | 04/13/2 | 017 | | |
| | | | HASED POWER(Account 5 (Including power exchan | | | | |
| • | eriod adjustment. an explanation in a | | any accounting adjustment adjustment. | ents or "true-ups" f | for service pro | vided in prior reporting | |
| 4. In column (c), designation for the dentified in column 5. For requirementhe monthly average monthly NCP demand is fouring the hour (must be in mega 5. Report in column for exchange to the total charge samount for the nonclude credits on agreement, proving 12. The total charge in the data in coreported as Purcine 12. The total | identify the FERC ne contract. On seemn (b), is provided that RQ purchases age billing demandration coincident peak (the maximum met 60-minute integral watts. Footnote arm (g) the megaw ges received and charges in colunustments, | Rate Schedule Naparate lines, list and any type of some din column (d), the CP) demand in column (60-motion) in which the street hourly (60-motion) in which the street hours shown of delivered, used as mon (j), energy chann (j), energy chann (j). Explain in an eived as settlementy. If more energy an incremental gery footnote. (m) must be totallou, line 10. The ton (i) must be reported. | lumber or Tariff, or, for no all FERC rate schedules, the service involving demand the average monthly non-column (f). For all other type initiate integration) demands supplier's system reaches ated on a megawatt basis in bills rendered to the resist the basis for settlement arges in column (k), and the footnote all components in the theory was delivered than recent eneration expenses, or (2) alled on the last line of the statal amount in column (h) orted as Exchange Deliverations following all requires | charges imposed coincident peak (Nes of service, entrologies of service. Do not report new the total of any other of the amount short power exchange in excludes certain eschedule. The total must be reported red on Page 401, | designations undesignations under NA in columnation (h) to exchange, are types of chown in columnative amount, credits or chaital amount in cas Exchange | y (or longer) basis, ente in column (e), and the nns (d), (e) and (f). Mont nd is the metered dema orted in columns (e) and and (i) the megawattho arges, including (I). Report in column (rolumn (m) the settlement amoun rges covered by the | thly nd di (f) urs m) ti (l) |
| MegaWatt Hours | POWER E | XCHANGES | | COST/SETTLEME | NT OF POWER | 3 | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hours Delivered (i) | Demand Charges (\$) | Energy Charges (\$) (k) | Other Charg (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) | No. |
| 6 | 3 | | | 334 | | 334 | 1 |
| 2 | | | | 95 | | 95 | |
| 13 | | | | 622 | | 622 | 2 |
| 4 | | | | 180 | | 180 | 3 |
| 6 | | | | | | 283 | |
| | 9 | | | 283 | | 203 | 3 |
| 6 | | | | 283 285 | | 285 | 3 |
| 8,948 |) | | | | | | 3 4 5 |
| 8,948 5 | 3 | | | 285 | | 285 | 3 4 5 6 |
| 5 29 | , | | | 285 622,938 | | 285 622,938 | 3 4 5 6 7 |
| 5 | , | | | 285 622,938 312 | | 285 622,938 312 | 3 4 5 6 7 8 |
| 5 | | | | 285 622,938 312 1,455 | | 285 622,938 312 1,455 | 3 4 5 6 7 8 9 |
| 5 29 5 | | | | 285 622,938 312 1,455 230 | | 285 622,938 312 1,455 230 | 3 4 5 6 7 8 9 |
| 5 29 5 752 | | | | 285 622,938 312 1,455 230 49,739 | | 285 622,938 312 1,455 230 49,739 | 3 4 5 6 7 8 9 10 |
| 5 29 5 752 9,450 | | | | 285 622,938 312 1,455 230 49,739 721,566 | | 285 622,938 312 1,455 230 49,739 721,566 | 3 4 5 6 7 8 9 10 11 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde | | | Γhis Report Is: 1) | (Mo, Da | | Year/Period of Report End of 2016/Q4 | |
|--|---|--|---|--|--|--|--|
| Duke Energy Caro | linas, LLC | , | 2) A Resubmission | 04/13/2 | 017 | End of | |
| | | PURC | CHASED POWER(Account 555) (Including power exchanges | (Continued) | | | |
| • | eriod adjustment. n explanation in a | | r any accounting adjustments h adjustment. | or "true-ups" | for service pro | vided in prior reporting | |
| I. In column (c), lesignation for the dentified in column (c). For requirement the monthly average monthly NCP demand is the demand is the dentification of power exchanger. Report demander out-of-period adjusted to the total charge semount for the negation of the demander of the demand | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demancoincident peak (the maximum met 60-minute integral watts. Footnote arm (g) the megaw ges received and charges in colunustments, in colunustments, in colunustments, in colunustments of energy charges other that de an explanatory olumn (g) through thases on Page 40 I amount in column | Rate Schedule It parate lines, list and any type of d in column (d), to CP) demand in cered hourly (60-ration) in which the my demand not structured, used a mn (j), energy chann (l). Explain in a seived as settlemedy. If more energian incremental gran increment | Number or Tariff, or, for non-fall FERC rate schedules, tarif service involving demand charter average monthly non-coir column (f). For all other types minute integration) demand in supplier's system reaches its tated on a megawatt basis and bills rendered to the responses the basis for settlement. Do narges in column (k), and the a footnote all components of eart by the respondent. For pay was delivered than received eneration expenses, or (2) extilled on the last line of the schotal amount in column (h) multiported as Exchange Delivered ations following all required of | arges imposed arges imposed arges imposed acident peak (Nof service, ent a month. More monthly peak dexplain. Indent. Report o not report net total of any other amount shower exchanged, enter a negacludes certain edule. The total on Page 401, | designations undesignations under a monnthlace (Marchard Columns) (Mar | y (or longer) basis, enterin column (e), and the nns (d), (e) and (f). Monind is the metered demandered in columns (e) and and (i) the megawatthe arges, including (I). Report in column (e) lumn (m) the settlement amount rges covered by the column (g) must be | thly and d (f) ours m) t t |
| MegaWatt Hours | POWER E | XCHANGES | C | OST/SETTLEME | ENT OF POWER | 3 | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hour Delivered (i) | s Demand Charges Ene (\$) (j) | rgy Charges (\$) (k) | Other Charg (\$) (I) | es Total (j+k+l) of Settlement (\$) (m) | No. |
| 401 | . , | ., | g, | 25,762 | ., | 25,762 | 1 |
| 5,288 | | | | 335,930 | | 335,930 | 2 |
| 6 | | | | 310 | | 310 | 3 |
| 5 | | | | 269 | | 269 | 4 |
| 677 | | | | 46,580 | | 46,580 | 5 |
| 33 | | | | 1,714 | | 1,714 | 6 |
| 190 | | | | 4,502 | | 4,502 | 7 |
| 9,736 | | | | 748,911 | | 748,911 | 8 |
| 212 | | | | 10,645 | | 10,645 | 9 |
| 2 | | | | 75 | | 75 | 10 |
| 7 | | | | 373 | | 373 | 11 |
| 4 | | | | 216 | | 216 | 12 |
| 174 | | | | 9,736 | | 9,736 | - 1 |
| 9,349 | | | 1 | ٥,, ٥٥ | | | 13 |
| , | | | | 632,801 | | 632,801 | 13 14 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Duke Energy Caro | ent Jinas II.C | (1 | , | Date of (Mo, Da | ı, Yr) | Year/Period of Report End of 2016/Q4 | |
|---|--|---|---|--|--|--|---|
| | | (2 | · | 04/13/2 | 017 | | |
| | | FURC | HASED POWER(Account 55 (Including power exchan | ges) | | | |
| - | eriod adjustment. In explanation in a | | any accounting adjustme adjustment. | ents or "true-ups" | for service pro | ovided in prior reporting | |
| 4. In column (c), designation for the dentified in column 5. For requireme the monthly average monthly NCP demand is the during the hour (c) must be in megal 5. Report in column for exchange the total charge samount for the near the design of the detail charge samount for the near the design of the detail in column for the detail in the | identify the FERC ne contract. On set mn (b), is provided nts RQ purchases age billing demand coincident peak (the maximum metal formation of the maximum of the maximu | Rate Schedule No parate lines, list and any type of some din column (d), the CP) demand in column (60-math) in which the statthours shown of delivered, used as man (j), energy chann (j), energy chann (j). Explain in a served as settlement of the column (j), in the column (j), must be totall 1, line 10. The total (i) must be reported. | lumber or Tariff, or, for no II FERC rate schedules, the service involving demand the average monthly non-column (f). For all other typinute integration) demand supplier's system reaches ated on a megawatt basis in bills rendered to the resist the basis for settlement. For a was delivered than receineration expenses, or (2) and the last line of the solutions following all requires in the set of the solutions following all requires. | charges imposed coincident peak (Nes of service, ent d in a month. Mores its monthly peak and explain. Spondent. Report. Do not report ne the total of any ottof the amount short power exchange excludes certain eschedule. The total of any ottof the amount short power exchange excludes certain eschedule. The total of any ottof the amount short power exchange excludes certain eschedule. The total peak and the total of any ottof the amount short power exchange excludes certain eschedule. The total peak and | designations up to a monnth lace of the la | ly (or longer) basis, enterin column (e), and the in solumn (e), and the inns (d), (e) and (f). Mon ind is the metered demandered in columns (e) and and (i) the megawatthe larges, including in (l). Report in column (e) lumn (m) the settlement amount if the settlement amount inges covered by the column (g) must be | thly and d (f) ours m) t at (l) |
| March/off Harris | POWER E | XCHANGES | | COST/SETTLEME | NT OF POWER | ₹ 1 | |
| MegaWatt Hours Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | Demand Charges (\$) (j) | Energy Charges | Other Charg | es Total (j+k+l) of Settlement (\$) | Line |
| | | | l (i) | | (\$) (I) | | Line No. |
| 8,732 | , , | (i) | (j) | (\$) (k) | (\$) (I) | (m) | - |
| 8,732 6 | , , | | (j) | | (\$) (I) | | No. |
| 8,732 6 133 | | | (j) | (\$) (k) 665,527 | (\$) (I) | (m) 665,527 | No. |
| 6 | | | (j) | (\$) (k) 665,527 323 | (\$) | (m) 665,527 323 | No. 1 2 |
| 6 | | | (j) | (\$) (k) 665,527 323 5,740 | (\$) | (m) 665,527 323 5,740 | No. 1 2 3 |
| 6 | | | (j) | (\$) (k) 665,527 323 5,740 326 | (\$) | (m) 665,527 323 5,740 | No. 1 2 3 4 |
| 6 133 7 3 | | | (j) | (\$) (k) 665,527 323 5,740 326 158 | (\$) | (m) 665,527 323 5,740 326 158 | No. 1 2 3 4 5 |
| 6 | | | (j) | (\$) (k) 665,527 323 5,740 326 | (\$) | (m) 665,527 323 5,740 326 158 | No. 1 2 3 4 5 6 |
| 6 133 7 3 3 14,538 | | | (j) | (\$) (k) 665,527 323 5,740 326 158 124 951,372 300 | (\$) | (m) 665,527 323 5,740 326 158 124 951,372 | No. 1 2 3 4 5 6 7 |
| 6 133 7 3 3 14,538 6 71 | | | (j) | (\$) (k) 665,527 323 5,740 326 158 124 951,372 300 3,560 | (\$) | (m) 665,527 323 5,740 326 158 124 951,372 300 3,560 | No. 1 2 3 4 5 6 7 8 |
| 6 133 7 3 3 14,538 6 71 6,082 | | | (j) | (\$) (k) 665,527 323 5,740 326 158 124 951,372 300 3,560 399,297 | (\$) (I) | (m) 665,527 323 5,740 326 158 124 951,372 300 3,560 399,297 | No. 1 2 3 4 5 6 7 8 9 |
| 6 133 7 3 3 14,538 6 71 6,082 6,374 | | | (j) | (\$) (k) 665,527 323 5,740 326 158 124 951,372 300 3,560 | (\$) | (m) 665,527 323 5,740 326 158 124 951,372 300 3,560 | No. 1 2 3 4 5 6 7 8 9 10 |
| 6 133 7 3 3 14,538 6 71 6,082 6,374 3,865 | | | (j) | (\$) (k) 665,527 323 5,740 326 158 124 951,372 300 3,560 399,297 423,246 254,228 | (\$) | (m) 665,527 323 5,740 326 158 124 951,372 300 3,560 399,297 423,246 254,228 | No. 1 2 3 4 5 6 7 8 9 10 11 |
| 6 133 7 3 3 14,538 6 71 6,082 6,374 | | | (j) | (\$) (k) 665,527 323 5,740 326 158 124 951,372 300 3,560 399,297 423,246 | (\$) (I) | (m) 665,527 323 5,740 326 158 124 951,372 300 3,560 399,297 423,246 | No. 1 2 3 4 5 6 7 8 9 10 11 12 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Duke Energy Card | ent | (1) | is Report Is: XAn Original | (Mo, Da | | Year/Period of Report End of 2016/Q4 | |
|--|---|--|---|--|--|--|--|
| Duke Lifelgy Calc | milas, LLC | (2) | L | 04/13/2 | 017 | | |
| | | | HASED POWER(Accoun (Including power exch | | | | |
| • | eriod adjustment. In explanation in a | | | ments or "true-ups" | for service pro | ovided in prior reporting | |
| 4. In column (c), designation for the dentified in column 5. For requirementhe monthly average monthly NCP demand is fouring the hour (must be in mega 5. Report in column for exchange to the total charge samount for the nonclude credits on agreement, proving 12. The total charge in the data in coreported as Purcine 12. The total | identify the FERC ne contract. On segmn (b), is provided nts RQ purchases age billing demand coincident peak (0 the maximum meter 60-minute integration watts. Footnote and (g) the megawages received and charges in column ustments, in column shown on bills receipt receipt of energy or charges other that ide an explanatory olumn (g) through (hases on Page 40 I amount in column | Rate Schedule No parate lines, list all carate lines, list at thours shown or delivered, used as ann (j), energy chain (l). Explain in a sived as settlementy. If more energy in incremental ger footnote. (m) must be totalled, line 10. The total carate lines, lines, lines, list all carate lines, line | umber or Tariff, or, for I FERC rate schedules ervice involving dema e average monthly notumn (f). For all other to nute integration) dema upplier's system reacted on a megawatt bate basis for settlemetres in column (k), and footnote all componer to by the respondent. I was delivered than reperation expenses, or | nd charges imposed in-coincident peak (Natypes of service, entand in a month. Mornes its monthly peaks and explain. The service of the amount should be serviced, enter a negative of the amount should be serviced, enter a negative of the service of the service of the service of the service of the amount should be serviced. The total of any other services of the amount should be serviced, enter a negative of the service of t | designations under a monnthly CP) demand for NA in columnathly CP demand report in columns (h) at exchange, the exchange of chown in columnative amount, credits or chall amount in columnatial amount in columnatial amount in columnatial amount in columnation and the exchange | ly (or longer) basis, enter in column (e), and the inns (d), (e) and (f). Monind is the metered demandented in columns (e) and (i) the megawatthe arges, including in (l). Report in column (e) lumn (m) the settlement amountinges covered by the | thly and d (f) ours m) t t |
| MegaWatt Hours | POWER E | XCHANGES | | COST/SETTLEME | ENT OF POWER | R | |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hours Delivered (i) | Demand Charges (\$) (j) | Energy Charges (\$) | Other Charg (\$) (I) | of Settlement (\$) | Line |
| | () | | | (k) | (1) | l (m) l | Line No. |
| | | | | (\$) (k) 149,099 | (1) | (m) 149,099 | - |
| | | | | ` ' | (1) | ` ' | No. |
| | 3,670,875 | 3,613,779 | 735,816 | 149,099 | (1) | 149,099 | No. |
| 95,544 | | | | 149,099 19,509 | (1) | 149,099 19,509 | No. 1 2 |
| 95,544 | | 3,613,779 | | 149,099 19,509 2,463,154 | (1) | 149,099 19,509 1,727,338 | No. 1 2 3 |
| 95,544 | | 3,613,779 | -603,448 | 149,099 19,509 2,463,154 | (1) | 149,099 19,509 1,727,338 | No. 1 2 3 4 |
| 95,544 -2,244 | 3,010,507 1,223,625 | 3,613,779 2,963,68 | -603,448 5 -245,273 | 149,099 19,509 2,463,154 1,571,318 | (1) | 149,099 19,509 1,727,338 967,870 | No. 1 2 3 4 5 |
| , , , , , , , , , , , , , , , , , , , | 3,010,507 1,223,625 | 3,613,779 2,963,68 1,204,599 | -603,448 5 -245,273 | 149,099 19,509 2,463,154 1,571,318 -410,454 | (1) | 149,099 19,509 1,727,338 967,870 -655,727 | No. 1 2 3 4 5 6 |
| -2,244 | 3,010,507 1,223,625 | 3,613,779 2,963,68 1,204,599 2,244 | -603,448 5 -245,273 | 149,099 19,509 2,463,154 1,571,318 -410,454 -49,361 | (1) | 149,099 19,509 1,727,338 967,870 -655,727 -49,361 | No. 1 2 3 4 5 6 7 |
| -2,244 | 3,010,507 1,223,625 | 3,613,779 2,963,68 1,204,599 2,244 | -603,448 5 -245,273 4 | 149,099 19,509 2,463,154 1,571,318 -410,454 -49,361 | (1) | 149,099 19,509 1,727,338 967,870 -655,727 -49,361 | No. 1 2 3 4 5 6 7 8 |
| -2,244 -1,840 | 3,010,507 1,223,625 | 3,613,779 2,963,68 1,204,599 2,244 1,840 | -603,448 5 -245,273 4 | 149,099 19,509 2,463,154 1,571,318 -410,454 -49,361 -40,482 | (1) | 149,099 19,509 1,727,338 967,870 -655,727 -49,361 -40,482 | No. 1 2 3 4 5 6 7 8 9 |
| -2,244 -1,840 -748 | 3,010,507 1,223,625 | 3,613,779 2,963,68 1,204,599 2,244 1,840 | -603,448 5 -245,273 4 0 | 149,099 19,509 2,463,154 1,571,318 -410,454 -49,361 -40,482 | (1) | 149,099 19,509 1,727,338 967,870 -655,727 -49,361 -40,482 | No. 1 2 3 4 5 6 7 8 9 10 |
| -2,244 -1,840 -748 | 3,010,507 1,223,625 | 3,613,779 2,963,68 1,204,599 2,244 1,840 | -603,448 5 -245,273 4 0 | 149,099 19,509 2,463,154 1,571,318 -410,454 -49,361 -40,482 | (1) | 149,099 19,509 1,727,338 967,870 -655,727 -49,361 -40,482 | No. 1 2 3 4 5 6 7 8 9 10 11 |
| -2,244 -1,840 -748 | 3,010,507 1,223,625 | 3,613,779 2,963,68 1,204,599 2,244 1,840 | -603,448 5 -245,273 4 0) 3 8,148,479 | 149,099 19,509 2,463,154 1,571,318 -410,454 -49,361 -40,482 -16,454 7,748,763 | | 149,099 19,509 1,727,338 967,870 -655,727 -49,361 -40,482 -16,454 15,897,242 | No. 1 2 3 4 5 6 7 8 9 10 11 12 |

308,593,628

1,202,335

333,120,270

10,288,097

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| Duko Enorgy Care | ent | 1. | 1) 🗓 An Original | (Mo, Da | | ear/Period of Report | |
|---|---|--------------------------|---|--|-------------------------------------|---|------------------------------------|
| Duke Lileigy Card | olinas, LLC | 1 : | 1) XAn Original 2) A Resubmission | 04/13/2 | | nd of2016/Q4 | |
| | | PURC | CHASED POWER(Accour (Including power exch | nt 555) (Continued) | | | |
| AD - for out-of-ne | eriod adjustment | | any accounting adjust | | for service provided | d in prior reporting | |
| • | in explanation in a | | | anonto or true upo | ioi dei vide provide | a in prior reporting | |
| | | | | | | | |
| • • • | • | | lumber or Tariff, or, for | • | | | |
| - | ne contract. On se mn (b), is provided | | all FERC rate schedule | s, taritts or contract | designations under | wnich service, as | |
| | · /· · | | service involving dema | and charges imposed | d on a monnthly (or | longer) hasis ente | r ا |
| | | | he average monthly no | | | | · |
| | | | olumn (f). For all other | | | | thly |
| | | | ninute integration) dem | | | | |
| | | | supplier's system reac | | Demand reported | l in columns (e) an | d (f) |
| | | | ated on a megawatt ba on bills rendered to the | | in columns (h) and | (i) the measuratthe | oure |
| | | | s the basis for settleme | | | (i) the megawattic | Juis |
| • | • | | arges in column (k), an | • | • | s including | |
| | | | a footnote all componer | | | | m) |
| he total charge | shown on bills rece | eived as settleme | nt by the respondent. | For power exchange | es, report in column | (m) the settlemen | t |
| | | | y was delivered than re | | | | nt (I) |
| | - | - | eneration expenses, or | (2) excludes certain | credits or charges | covered by the | |
| • | ide an explanatory | | led on the last line of th | ao sobodulo. Tho to | tal amount in colum | on (a) must be | |
| | | | otal amount in column | | | | |
| • | • | | orted as Exchange Deli | | • | sived on rage for | , |
| | | | ations following all requ | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| MegaWatt Hours | | XCHANGES | | COST/SETTLEM | | | Line |
| MegaWatt Hours Purchased | MegaWatt Hours | MegaWatt Hours | | Energy Charges | Other Charges | Total (j+k+l) | Line No. |
| Purchased | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges | Other Charges | of Settlement (\$) | _ |
| | MegaWatt Hours Received (h) | MegaWatt Hours | Demand Charges (\$) (j) 16,000 | | | Total (j+k+l) of Settlement (\$) (m) 6,718,219 | No. |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) | Energy Charges (\$) (k) 6,702,219 | Other Charges | of Settlement (\$) (m) | No. |
| Purchased (g) 131,142 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 | Energy Charges (\$) (k) 6,702,219 | Other Charges | of Settlement (\$) (m) 6,718,219 | No. |
| Purchased (g) 131,142 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 | Energy Charges (\$) (k) 6,702,219 | Other Charges | of Settlement (\$) (m) 6,718,219 29,659,761 | No. 1 2 3 |
| Purchased (g) 131,142 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 | Energy Charges (\$) (k) 6,702,219 19,270,101 | Other Charges | of Settlement (\$) (m) 6,718,219 | No. 1 2 3 4 |
| Purchased (g) 131,142 613,640 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 | Energy Charges (\$) (k) 6,702,219 19,270,101 | Other Charges | of Settlement (\$) (m) 6,718,219 29,659,761 | No. 1 2 3 4 5 |
| Purchased (g) 131,142 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 | Energy Charges (\$) (k) 6,702,219 19,270,101 3,588 | Other Charges | of Settlement (\$) (m) 6,718,219 29,659,761 3,588 42,681 | No. 1 2 3 4 5 6 |
| Purchased (g) 131,142 613,640 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 | Energy Charges (\$) (k) 6,702,219 19,270,101 3,588 | Other Charges (\$) (I) | of Settlement (\$) (m) 6,718,219 29,659,761 3,588 42,681 107,748 | No. 1 2 3 4 5 6 7 |
| Purchased (g) 131,142 613,640 731 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 | Energy Charges (\$) (k) 6,702,219 19,270,101 3,588 32,792 | Other Charges (\$) (I) | of Settlement (\$) (m) 6,718,219 29,659,761 3,588 42,681 107,748 0 156,126,505 | No. 1 2 3 4 5 6 7 8 |
| Purchased (g) 131,142 613,640 731 6,408,111 71 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 | Energy Charges (\$) (k) 6,702,219 19,270,101 3,588 32,792 154,942,466 -76,356 | Other Charges (\$) (I) | of Settlement (\$) (m) 6,718,219 29,659,761 3,588 42,681 107,748 156,126,505 6 -58,060 | No. 1 2 3 4 5 6 7 8 9 |
| Purchased (g) 131,142 613,640 731 6,408,111 71 4,372 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 9,889 107,748 | Energy Charges (\$) (k) 6,702,219 19,270,101 3,588 32,792 154,942,466 -76,356 86,114 | Other Charges (\$) (I) | of Settlement (\$) (m) 6,718,219 29,659,761 3,588 42,681 107,748 156,126,505 6 -58,060 86,114 | No. 1 2 3 4 5 6 7 8 9 10 |
| Purchased (g) 131,142 613,640 731 6,408,111 71 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 | Energy Charges (\$) (k) 6,702,219 19,270,101 3,588 32,792 154,942,466 -76,356 86,114 | Other Charges (\$) (I) | of Settlement (\$) (m) 6,718,219 29,659,761 3,588 42,681 107,748 156,126,505 6 -58,060 | No. 1 2 3 4 5 6 7 8 9 10 11 |
| Purchased (g) 131,142 613,640 731 6,408,111 71 4,372 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 9,889 107,748 | Energy Charges (\$) (k) 6,702,219 19,270,101 3,588 32,792 154,942,466 -76,356 86,114 | Other Charges (\$) (I) | of Settlement (\$) (m) 6,718,219 29,659,761 3,588 42,681 107,748 156,126,505 6 -58,060 86,114 | No. 1 2 3 4 5 6 7 8 9 10 11 12 |
| Purchased (g) 131,142 613,640 731 6,408,111 71 4,372 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 9,889 107,748 | Energy Charges (\$) (k) 6,702,219 19,270,101 3,588 32,792 154,942,466 -76,356 86,114 | Other Charges (\$) (I) | of Settlement (\$) (m) 6,718,219 29,659,761 3,588 42,681 107,748 156,126,505 6 -58,060 86,114 | No. 1 2 3 4 5 6 7 8 9 10 11 12 |
| Purchased (g) 131,142 613,640 731 6,408,111 71 4,372 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 9,889 107,748 | Energy Charges (\$) (k) 6,702,219 19,270,101 3,588 32,792 154,942,466 -76,356 86,114 2,099,890 | Other Charges (\$) (I) | of Settlement (\$) (m) 6,718,219 29,659,761 3,588 42,681 107,748 156,126,505 5 -58,060 86,114 4,240,168 | No. 1 2 3 4 5 6 7 8 9 10 11 12 |
| Purchased (g) 131,142 613,640 731 6,408,111 71 4,372 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 9,889 107,748 | Energy Charges (\$) (k) 6,702,219 19,270,101 3,588 32,792 154,942,466 -76,356 86,114 2,099,890 | Other Charges (\$) (I) | of Settlement (\$) (m) 6,718,219 29,659,761 3,588 42,681 107,748 156,126,505 5 -58,060 86,114 4,240,168 | No. 1 2 3 4 5 6 7 8 9 10 11 12 13 |
| Purchased (g) 131,142 613,640 731 6,408,111 71 4,372 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 9,889 107,748 | Energy Charges (\$) (k) 6,702,219 19,270,101 3,588 32,792 154,942,466 -76,356 86,114 2,099,890 | Other Charges (\$) (I) | of Settlement (\$) (m) 6,718,219 29,659,761 3,588 42,681 107,748 156,126,505 5 -58,060 86,114 4,240,168 | No. 1 2 3 4 5 6 7 8 9 10 11 12 13 |
| Purchased (g) 131,142 613,640 731 6,408,111 71 4,372 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | (\$) (j) 16,000 10,389,660 9,889 107,748 | Energy Charges (\$) (k) 6,702,219 19,270,101 3,588 32,792 154,942,466 -76,356 86,114 2,099,890 | Other Charges (\$) (I) | of Settlement (\$) (m) 6,718,219 29,659,761 3,588 42,681 107,748 156,126,505 5 -58,060 86,114 4,240,168 | No. 1 2 3 4 5 6 7 8 9 10 11 12 13 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde Duke Energy Caro | | | This Report Is: (1) XAn Original | (Mo, Da | | Year/Period of Report End of 2016/Q4 | |
|--|--|--|--|---|--|---|---|
| Duke Lifelgy Calo | milias, LLC | | (2) A Resubmission | 04/13/2 | 2017 | | |
| | | PUR | CHASED POWER(Accour (Including power exch | nanges) | | | |
| • | eriod adjustment. In explanation in a | | | tments or "true-ups" | for service pro | ovided in prior reporting | |
| 4. In column (c), designation for the dentified in column 5. For requirements average monthly NCP demand is the during the hour (for the house of power exchanged). Report in column for the house of power exchanged and the total charge of the house of t | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demancoincident peak (the maximum met 60-minute integral watts. Footnote arm (g) the megaw ges received and charges in colunustments, in colunustments, in colunustments, in colunustments of energe charges other that de an explanatory olumn (g) through hases on Page 40 I amount in column | Rate Schedule parate lines, list I. s and any type of d in column (d), CP) demand in dered hourly (60-tion) in which the my demand not stratthours shown delivered, used a mn (j), energy clann (l). Explain in eived as settlemely. If more energen incremental got footnote. (m) must be total of the more total of the mor | Number or Tariff, or, for all FERC rate schedule if service involving demathe average monthly no column (f). For all other minute integration) demates supplier's system reactated on a megawatt based on bills rendered to the as the basis for settlementages in column (k), are a footnote all component by the respondent. By was delivered than referentation expenses, or alled on the last line of the alled on | es, tariffs or contract and charges imposed on-coincident peak (I types of service, enternand in a month. More thes its monthly peal asis and explain. respondent. Report ent. Do not report nead the total of any ot ints of the amount she For power exchange eceived, enter a negative (2) excludes certain the schedule. The toth (h) must be reported ivered on Page 401, | designations of on a monnth NCP) demand ter NA in colurate. Demand regarders of clumns (het exchange, her types of clumn in columnes, report in coative amount. In credits or chartal amount in the sexchange. | under which service, as ally (or longer) basis, enter in column (e), and the mns (d), (e) and (f). Monand is the metered demander or ted in columns (e) and (i) the megawatthe harges, including in (l). Report in column (or column (m) the settlement amount arges covered by the | thly ind d (f) ours m) t it (I) |
| NA | POWER E | XCHANGES | | COST/SETTLEMI | ENT OF POWE | R | Lino |
| MegaWatt Hours Purchased | MegaWatt Hours Received | MegaWatt Hou | | Energy Charges (\$) | Other Charg | ges Total (j+k+l) of Settlement (\$) | Line No. |
| (g) | (h) | (i) | (\$) (j) | (\$) (k) | (\$) (I) | (m) | |
| | | | | 1 | | 1 | 1 |
| 4,220 | | | | 88,730 | | 88,730 | 2 |
| | | | 51,088 | | | 51,088 | 3 |
| 1,300 | | | | 92,200 | | 92,200 | 4 |
| 408,033 | | | | 10,395,687 | | 10,395,687 | 5 |
| | | | | | | | 6 |
| 15,145 | | | | 307,771 | | 307,771 | 7 |
| | | | | | | | 8 |
| 750 | | | | 11,100 | | 11,100 | 9 |
| 140,544 | | | 3,889,468 | | | 7,630,614 | 10 |
| . 10,011 | | | 3,000,100 | 5,7 11,140 | | 7,000,014 | 11 |
| | | | -26,158 | -58,848 | | -85,006 | 12 |
| | | | -20,158 | -30,048 | | -05,006 | 13 |
| 040.004 | | | | E 00E 504 | | F 005 504 | 14 |
| 242,931 | | | | 5,935,564 | | 5,935,564 | 14 |
| | | | | | | | |

308,593,628

333,120,270

1,202,335

10,288,097

8,031,061

| Name of Responde | | | This Report Is: 1) □ X An Original | Date of (Mo, Da | | Year/Period of Report End of 2016/Q4 | |
|------------------------------|--|----------------------------|---|-----------------------------|-----------------|--|--|
| Duke Energy Card | olinas, LLC | (| 2) A Resubmission | 04/13/2 | | End of2016/Q4 | |
| | | PURC | CHASED POWER(Account 5 (Including power exchar | 555) (Continued) nges) | | | |
| • | - | | any accounting adjustment | ents or "true-ups" | for service pro | ovided in prior reporting | |
| ears. Provide a | in explanation in a | toothote for each | n adjustment. | | | | |
| • • • | • | | Number or Tariff, or, for no | • | | | |
| - | | • | all FERC rate schedules, | tariffs or contract | designations ι | ınder which service, as | |
| | mn (b), is provided ints RO purchases | | service involving demand | d charges imposed | l on a monnth | ly (or longer) basis, ente | r |
| | | | he average monthly non- | | | | |
| | | | olumn (f). For all other typ | | | | |
| | | | ninute integration) deman supplier's system reache | | | | |
| | | | ated on a megawatt basis | | Demana rep | | (') |
| 6. Report in colu | mn (g) the megaw | atthours shown o | on bills rendered to the re- | spondent. Report | |) and (i) the megawattho | urs |
| • | • | | s the basis for settlement | • | • | anna inaludian | |
| | | | arges in column (k), and a footnote all components | | | | m) |
| | | | ent by the respondent. For | | | | |
| amount for the n | et receipt of energ | y. If more energ | y was delivered than rece | eived, enter a nega | itive amount. | If the settlement amoun | |
| | - | - | eneration expenses, or (2 |) excludes certain | credits or cha | rges covered by the | |
| • | ide an explanatory | | lled on the last line of the | schedule. The to | tal amount in a | column (a) must be | |
| | | | otal amount in column (h) | | | | |
| | | | orted as Exchange Delive | _ | line 13. | | |
| 9. Footnote entr | ies as required an | d provide explan | ations following all require | ed data. | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| MegaWatt Hours | | XCHANGES | | COST/SETTLEME | | | Line |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges | Other Charg | res Total (j+k+l) of Settlement (\$) | No. |
| (g) | (h) | (i) | (\$) (j) | (\$) (k) | (\$) (I) | (m) | |
| 495,722 | | | | 13,174,356 | | 13,174,356 | 1 |
| | | | | 246 | | 246 | 2 |
| 1,700 | | | | 133,695 | | 133,695 | 3 |
| 27,237 | | | | 462,910 | | 462,910 | |
| -243 | | | | -2,916 | | -2,916 | 4 |
| 22,367 | 1 | | | | | [| 4 5 |
| 6,770 | | | | 517,645 | | 517,645 | 4 5 6 |
| 0,770 | | | | 517,645 117,560 | | 117,560 | 4 5 6 7 |
| 0,770 | | | 7,008 | | | 117,560 7,008 | 4 5 6 7 8 |
| | | | 7,008 238,272 | 117,560 | | 117,560 7,008 238,272 | 4 5 6 7 8 9 |
| 2,062 | | | | 117,560 89,086 | | 117,560 7,008 238,272 89,086 | 4 5 6 7 8 9 |
| | | | | 117,560 | | 117,560 7,008 238,272 | 4 5 6 7 8 9 10 |
| 2,062 4,188 1 | | | | 89,086 115,784 | | 117,560 7,008 238,272 89,086 115,784 | 4 5 6 7 8 9 10 11 |
| 2,062 4,188 1 1,644 | | | | 89,086 115,784 37,702 | | 117,560 7,008 238,272 89,086 115,784 | 4 5 6 7 8 9 10 11 12 13 |
| 2,062 4,188 1 | | | | 89,086 115,784 | | 117,560 7,008 238,272 89,086 115,784 | 4 5 6 7 8 9 10 11 |
| 2,062 4,188 1 1,644 | | | | 89,086 115,784 37,702 | | 117,560 7,008 238,272 89,086 115,784 | 4 5 6 7 8 9 10 11 12 13 |
| 2,062 4,188 1 1,644 | | | | 89,086 115,784 37,702 | | 117,560 7,008 238,272 89,086 115,784 | 4 5 6 7 8 9 10 11 12 13 |

308,593,628

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10,288,097

8,031,061

| Duke Energy Caro | | (1 | nis Report Is:) XAn Original | Date of (Mo, Da | | Year/Period of Report | |
|--|--|---|--|--|--|--|------------------------------------|
| | linas, LLC | (2 | | 04/13/2 | | End of2016/Q4 | |
| | | PURC | HASED POWER(Account (Including power exch | it 555) (Continued) | <u> </u> | | |
| • | eriod adjustment. In explanation in a | Use this code for | any accounting adjust | | for service prov | vided in prior reporting | |
| 4. In column (c), designation for the dentified in column 5. For requirement the monthly average monthly NCP demand is the during the hour (for the most be in megand). Report in column for power exchangout-of-period adjusted total charge samount for the near the column for the column for the near the column for | identify the FERC ne contract. On segmn (b), is provided nts RQ purchases age billing demand coincident peak (6 the maximum meter 60-minute integration watts. Footnote and (g) the megawages received and charges in column shown on bills receipt receipt of energy to charges other that de an explanatory olumn (g) through (hases on Page 40 I amount in column | Rate Schedule No parate lines, list and any type of some din column (d), the CP) demand in column (60-mile) in which the some delivered, used as min (j), energy chains (l). Explain in a delivered as settlement of the column (b), energy chains incremental generated as the column (d), in the total of (i) must be reported. | umber or Tariff, or, for all FERC rate schedule service involving dema e average monthly no lumn (f). For all other inute integration) demonsupplier's system reacted on a megawatt ban bills rendered to the sthe basis for settlement in the settlement of the settlem | nd charges imposed n-coincident peak (Natypes of service, ent and in a month. More hes its monthly peak sis and explain. The respondent. Report ent. Do not report nead the total of any others of the amount should be received, enter a negative of the schedule. The total of must be reported wered on Page 401, | designations under a monnthly NCP) demand is er NA in columnthly CP demand. Demand reports to column the columns (h) to exchange, the report in columnes, report in co | y (or longer) basis, entern column (e), and the noclumn (e), and the ns (d), (e) and (f). Mond is the metered demandered in columns (e) and and (i) the megawatthe arges, including (I). Report in column (bumn (m) the settlement of the settlement amount ges covered by the | thly and d (f) burs m) t at (l) |
| | | | | | | | |
| | DOWED F | VCHANCES | | COSTIGETTI EMI | ENT OF DOWER | | |
| | | XCHANGES | Domand Charges | COST/SETTLEME | | | Line |
| Purchased | MegaWatt Hours Received | MegaWatt Hours Delivered | Demand Charges (\$) (i) | Energy Charges | Other Charge | es Total (j+k+l) of Settlement (\$) | Line No. |
| | MegaWatt Hours | MegaWatt Hours | Demand Charges (\$) (j) | | | es Total (j+k+l) | No. |
| Purchased (g) | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) | Other Charge | of Settlement (\$) (m) | No. |
| Purchased (g) 4,494 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 | No. |
| Purchased (g) 4,494 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 | No. 1 2 3 |
| Purchased (g) 4,494 11,980 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 315,483 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 | No. 1 2 3 4 5 |
| Purchased (g) 4,494 11,980 | MegaWatt Hours Received | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 315,483 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 | No. 1 2 3 4 5 |
| Purchased (g) 4,494 11,980 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 315,483 1,090,708 | Other Charge | Pes Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 | No. 1 2 3 4 5 |
| Purchased (g) 4,494 11,980 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 315,483 1,090,708 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 1,090,708 | No. 1 2 3 4 5 6 |
| Purchased (g) 4,494 11,980 | MegaWatt Hours Received (h) | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 315,483 1,090,708 4,043 -218,679 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 1,090,708 4,043 -218,679 | No. 1 2 3 4 5 6 7 |
| Purchased (g) 4,494 11,980 | MegaWatt Hours Received (h) 115 -6,356 -1,275 | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 | No. 1 2 3 4 5 6 7 8 9 |
| Purchased (g) 4,494 11,980 | MegaWatt Hours Received (h) 115 -6,356 -1,275 5,221 | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 | No. 1 2 3 4 5 6 7 8 9 |
| Purchased (g) 4,494 11,980 | MegaWatt Hours Received (h) 115 -6,356 -1,275 5,221 1,143 | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 48,925 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 48,925 | No. 1 2 3 4 5 6 7 8 9 10 |
| Purchased (g) 4,494 11,980 | MegaWatt Hours Received (h) 115 -6,356 -1,275 5,221 1,143 -189 | MegaWatt Hours Delivered | | Energy Charges (\$) (\$) (\$) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 48,925 -6,143 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 48,925 -6,143 | No. 1 2 3 4 5 6 7 8 9 10 11 |
| (g) 4,494 11,980 | MegaWatt Hours Received (h) 115 -6,356 -1,275 5,221 1,143 -189 | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 48,925 -6,143 950,381 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 48,925 -6,143 950,381 | No. 1 2 3 4 5 6 7 8 9 10 11 12 13 |
| Purchased (g) 4,494 11,980 | MegaWatt Hours Received (h) 115 -6,356 -1,275 5,221 1,143 -189 | MegaWatt Hours Delivered | | Energy Charges (\$) (\$) (\$) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 48,925 -6,143 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 48,925 -6,143 | No. 1 2 3 4 5 6 7 8 9 10 11 12 |
| Purchased (g) 4,494 11,980 | MegaWatt Hours Received (h) 115 -6,356 -1,275 5,221 1,143 -189 | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 48,925 -6,143 950,381 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 48,925 -6,143 950,381 | No. 1 2 3 4 5 6 7 8 9 10 11 12 13 |
| Purchased (g) 4,494 11,980 | MegaWatt Hours Received (h) 115 -6,356 -1,275 5,221 1,143 -189 | MegaWatt Hours Delivered | | Energy Charges (\$) (k) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 48,925 -6,143 950,381 | Other Charge | Total (j+k+l) of Settlement (\$) (m) 97,819 315,483 1,090,708 4,043 -218,679 -41,534 19,538 48,925 -6,143 950,381 | No. 1 2 3 4 5 6 7 8 9 10 11 12 13 |

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|--|--|--|--|---|---|---|---|
| Duke Energy Caro | olinas, LLC | | (2) A Resubmission | 04/13/2 | | End of2016/Q4 | - |
| | | PUR | CHASED POWER(Accourt (Including power exc | nt 555) (Continued) hanges) | | | |
| • | eriod adjustment. In explanation in a | | r any accounting adjus h adjustment. | tments or "true-ups" | for service pro | vided in prior reporting | |
| I. In column (c), designation for the dentified in column (c). For requirement the monthly average monthly NCP demand is the foliation of power exchanged to the total charges amount for the negative of the column of the month of the foliation of the month of the foliation of the month of the foliation of the month of the month of the month of the foliation of t | identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing deman coincident peak (the maximum met 60-minute integral watts. Footnote alm (g) the megaw ges received and charges in colunustments, in colun | Rate Schedule I parate lines, list I. s and any type of d in column (d), to CP) demand in cered hourly (60-ration) in which the my demand not so that thours shown of delivered, used a mn (j), energy chan (l). Explain in eived as settlemental gran incremental gran gran incremental gran incremental gran incremental gran increment | Number or Tariff, or, fo all FERC rate schedule service involving demathe average monthly not column (f). For all other minute integration) demathed as the basis for settlem harges in column (k), and a footnote all compone ent by the respondent. By was delivered than referentiation expenses, or alled on the last line of the total amount in column orted as Exchange Delivations following all requirements. | es, tariffs or contract and charges imposed on-coincident peak (I types of service, en and in a month. More its monthly peal asis and explain. respondent. Report ent. Do not report near the total of any of the total of any of the total of any of the exchange eceived, enter a negular exceived, enter a negular (2) excludes certain the schedule. The total on Page 401 tivered on Page 401 | designations under a monnthly NCP) demand ter NA in columnthly CP demand repair columns (h) et exchange. The types of change in column es, report in column es, report in column es, recolumn es es exchange | y (or longer) basis, end in column (e), and the ins (d), (e) and (f). Mon ind is the metered demorted in columns (e) and and (i) the megawatth harges, including in (l). Report in column follumn (m) the settlement of the settlement amounting covered by the | er nthly and nd (f) ours (m) nt nt (l) |
| | | | | | | | |
| | | | | | | | |
| MegaWatt Hours | | XCHANGES | Domand Charges | COST/SETTLEM | | | Line |
| MegaWatt Hours Purchased (g) | POWER E MegaWatt Hours Received (h) | XCHANGES MegaWatt Hour Delivered (i) | s Demand Charges (\$) (j) | COST/SETTLEM Energy Charges (\$) (k) | ENT OF POWEF Other Charg (\$) (I) | | Line No. |
| | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges | Other Charg | es Total (j+k+l) of Settlement (\$) | No. |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) | Other Charg | es Total (j+k+l) of Settlement (\$) (m) | No. 1 2 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 | Other Charg | es Total (j+k+l) of Settlement (\$) (m) 1,220 | No. 1 2 3 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 | Other Charg | es | No. 1 2 3 2 4 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 | Other Charg | es Total (j+k+l) of Settlement (\$) (m) 1,220 | No. 1 2 3 2 4 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 | Other Charg | es | No. 1 2 3 3 4 4 5 6 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 31 992 | Other Charg | es | No. 1 2 3 2 4 9 5 6 6 2 7 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 31 992 | Other Charg | es | No. 1 2 3 2 4 4 9 5 6 6 2 7 5 8 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 31 992 9 22 | Other Charg | es | No. 1 2 3 3 4 4 9 5 6 6 2 7 5 8 8 2 9 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 31 992 9 22 5 582 | Other Charg | es | No. 1 2 3 3 2 4 4 9 5 6 6 2 7 5 8 8 2 9 8 10 2 11 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 31 992 9 22 5 582 63 12 | Other Charg | es | No. 1 1 2 3 3 2 4 4 9 5 6 6 2 7 6 8 9 9 3 10 2 11 12 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 31 992 9 22 5 582 63 12 1,105 | Other Charg | es | No. 1 1 2 3 3 2 4 4 9 5 6 6 2 7 6 8 2 9 8 10 2 11 12 5 13 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 31 992 9 22 5 582 63 12 | Other Charg | es | No. 1 1 2 3 3 2 4 9 5 6 6 2 7 6 8 2 9 8 10 2 11 12 5 13 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 31 992 9 22 5 582 63 12 1,105 | Other Charg | es | No. 1 1 2 3 3 2 4 4 9 5 6 6 2 7 6 8 2 9 8 10 2 11 12 5 13 |
| Purchased | MegaWatt Hours Received | MegaWatt Hour Delivered | | Energy Charges (\$) (k) 1,220 31 992 9 22 5 582 63 12 1,105 | Other Charg | es | No. 1 1 2 3 3 2 4 4 9 5 6 6 2 7 6 8 2 9 8 10 2 11 12 5 13 |

308,593,628

1,202,335

333,120,270

10,288,097

8,031,061

| Name of Responde | ent | | This Report Is: 1) X An Original | Date of (Mo, D | Report | Year/Period of Report | |
|--|--|---|--|--|--|---|------------------------------------|
| Duke Energy Card | olinas, LLC | | 1) X An Original 2) A Resubmission | 04/13/2 | | End of2016/Q4 | |
| | | PUR | CHASED POWER(Accour (Including power exch | nt 555) (Continued) | · · · · · · · · · · · · · · · · · · · | | |
| • | eriod adjustment. an explanation in a | Use this code fo | r any accounting adjust | | for service provid | ded in prior reporting | |
| i. In column (c), designation for the dentified in column. For requirements the monthly average monthly average monthly average monthly average monthly average monthly average in mega. Report in column for the mout-of-period adjust-of-period ad | identify the FERC ne contract. On se mn (b), is provided that RQ purchases age billing demand coincident peak (of the maximum met 60-minute integrate watts. Footnote arm (g) the megaw ges received and charges in columustments, i | Rate Schedule I parate lines, list I. s and any type of d in column (d), if CP) demand in cered hourly (60-ration) in which the my demand not stratthours shown (delivered, used a mn (j), energy chan (l). Explain in eived as settlemely. If more energian incremental gran incremental gran footnote. (m) must be total of, line 10. The form (i) must be rep | Number or Tariff, or, for all FERC rate schedule service involving demarke average monthly no column (f). For all other minute integration) demarked on a megawatt be contained in the last for settlement as the basis for settlement are footnote all compone on the last line of th | and charges imposed in-coincident peak (I types of service, en and in a month. Mothes its monthly peats and explain. The respondent. Reported the total of any of the amount should be received, enter a negular excludes certain the schedule. The total of nust be reported the total of any of the amount should be reported to the total of any of the amount should be received, enter a negular excludes certain the schedule. The total of nust be reported ivered on Page 401 | designations und d on a monnthly (NCP) demand in ter NA in columns othly CP demand k. Demand report in columns (h) are et exchange. her types of char nown in column (I es, report in colum ative amount. If it oredits or charge otal amount in col d as Exchange Re | der which service, as for longer) basis, enter column (e), and the so (d), (e) and (f). Mon is the metered demanded in columns (e) and (i) the megawatthouges, including (e). Report in column (e) mn (m) the settlement amountes covered by the column (g) must be | thly and d (f) burs m) t t at (l) |
| | | | | | | | |
| MegaWatt Hours | POWER E | XCHANGES | | COST/SETTLEM | ENT OF POWER | | Line |
| Purchased (g) | MegaWatt Hours Received (h) | MegaWatt Hour Delivered (i) | s Demand Charges (\$) (j) | Energy Charges (\$) (k) | Other Charges (\$) (I) | Total (j+k+l) of Settlement (\$) (m) | No. |
| | | | | 80 | | 80 | 1 |
| | 93,281 | 92,2 | 43 | | | | 2 |
| | | | | | | | 3 |
| | | | | | | | 4 |
| | | | | | | | 5 |
| | | | | | | | 6 |
| | | | | | | | 7 |
| | | | | | | | |
| | | | | | | | 8 |
| | | | | | | | 9 |
| | | | | | | | 9 |
| | | | | | | | |
| | | | | | | | 9 10 11 |
| | | | | | | | 9 10 11 12 |
| | | | | | | | 9 10 11 12 13 |
| | | | | | | | 9 10 11 12 |
| | | | | | | | 9 10 11 12 13 |

| | e of Respondent | (1) XAn Original | Date of Report (Mo, Da, Yr) | Year/Period of | т кероп 016/Q4 |
|------|--|---|--------------------------------|---|-------------------|
| Duke | Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | End of 2 | 010/Q4 |
| | TRANS | MISSION OF ELECTRICITY FOR OTHER Including transactions referred to as 'wheel | S (Account 456.1) | + | |
| 1 R | eport all transmission of electricity, i.e., wh | | | r nublic authoritie | e |
| | fying facilities, non-traditional utility supplie | | | r public authoritic | 3, |
| | se a separate line of data for each distinct | | | lumn (a), (b) and | (c). |
| | eport in column (a) the company or public | | | | |
| | c authority that the energy was received fr | | - | • | |
| | ide the full name of each company or publi | | | nyms. Explain in | a footnote |
| - | ownership interest in or affiliation the response | | | | |
| | column (d) enter a Statistical Classification - Firm Network Service for Others, FNS - | • | | | |
| | smission Service, OLF - Other Long-Term | | | | |
| | ervation, NF - non-firm transmission service | | | | |
| | ny accounting adjustments or "true-ups" fo | | riods. Provide an expla | anation in a footn | ote for |
| each | adjustment. See General Instruction for d | efinitions of codes. | | | |
| | | | | | |
| | Payment By | Energy Received From | Enorgy D | elivered To | Statistical |
| Line | (Company of Public Authority) | (Company of Public Authority) | | Public Authority) | Classifi- |
| No. | (Footnote Affiliation) | (Footnote Affiliation) | (Footnote | Affiliation) | cation |
| | (a) | (b) | , | c) | (d) |
| | Brookfield Energy Marketing | Various | Various | | LFP |
| 2 | Brookfield Energy Marketing | Various | Various | | LFP |
| 3 | Brookfield Energy Marketing | Various | Various | | SFP |
| 4 | Brookfield Energy Marketing | Various | Various | | os |
| 5 | Calpine Power Services Company | Various | Various | | os |
| 6 | Cargill-Alliant LLC | Various | Various | | LFP |
| 7 | Cargill-Alliant LLC | Various | Various | | LFP |
| 8 | Cargill-Alliant LLC | Various | Various | | LFP |
| 9 | Cargill-Alliant LLC | Various | Various | | LFP |
| 10 | Cargill-Alliant LLC | Various | Various | | LFP |
| 11 | Cargill-Alliant LLC | Various | Various | | LFP |
| 12 | Cargill-Alliant LLC | Various | Various | | os |
| 13 | Cargill-Alliant LLC | Various | Various | | SFP |
| 14 | Carolina Power & Light | Various | Various | | LFP |
| 15 | Carolina Power & Light | Various | Various | | LFP |
| | Carolina Power & Light | Various | Various | | LFP |
| 17 | Carolina Power & Light | Various | Various | | LFP |
| | Carolina Power & Light | Various | Various | | LFP |
| | Carolina Power & Light | Various | Various | | os |
| | Carolina Power & Light | Various | Various | | SFP |
| | EDF Trading North America | Various | Various | | os |
| | Endure Energy LLC | Various | Various | | os |
| | Exelon Power Team | Various | Various | | os |
| | Exelon Power Team | Various | Various | | SFP |
| | | | | | os |
| | FP&L Energy Marketing & Trading | Various | Various | | SFP |
| | FP&L Energy Marketing & Trading | Various | Various | | |
| | Florida Power Corp | Various | Various | | OS |
| | Florida Power Corp | Various | Various | | SFP |
| | J.P. Morgan Ventures Energy Corporation | Various | Various | | OS |
| | Mercuria Energy America Inc | Various | Various | | os |
| | Morgan Stanley Capital Group Inc | Various | Various | | OS |
| | Morgan Stanley Capital Group Inc | Various | Various | | SFP |
| | Noble Americas Gas & Power Corp | Various | Various | | os |
| 34 | Noble Americas Gas & Power Corp | Various | Various | | SFP |
| | | | | | |
| | | | | | |
| | TOTAL | | | | |
| | | | | | |

| Name | e of Respondent | | Date of Report (Mo, Da, Yr) | Year/Period of F | • |
|------|--|---|--------------------------------|---------------------|--------------------------|
| Duke | Energy Carolinas, LLC | | 04/13/2017 | End of201 | 16/Q4 |
| | TRANS | MISSION OF ELECTRICITY FOR OTHERS (A Including transactions referred to as 'wheeling | Account 456.1) | | |
| 1 D | ر eport all transmission of electricity, i.e., wh | | | nublic authorities | |
| | fying facilities, non-traditional utility supplie | | | public authorities, | |
| | se a separate line of data for each distinct | • | | umn (a). (b) and (d | 2). |
| | eport in column (a) the company or public | | | . , , , , , , | , |
| | c authority that the energy was received from | | | | |
| | ide the full name of each company or publi | - | - | yms. Explain in a | footnote |
| , - | ownership interest in or affiliation the respo | | | . 6 11 | |
| | column (d) enter a Statistical Classification - Firm Network Service for Others, FNS - | _ | | | |
| | smission Service, OLF - Other Long-Term | | | | |
| l . | ervation, NF - non-firm transmission service | | | | |
| l . | ny accounting adjustments or "true-ups" fo | | | • | |
| each | adjustment. See General Instruction for de | efinitions of codes. | | | |
| | | | | | |
| | Dayment Dy | Francy Dannived Fram | Energy Del | ivered Te | Ctatiatical |
| Line | Payment By (Company of Public Authority) | Energy Received From (Company of Public Authority) | Energy Del (Company of Pu | | Statistical Classifi- |
| No. | (Footnote Affiliation) | (Footnote Affiliation) | (Footnote A | | cation |
| | (a) | (b) | (c) | 1 | (d) |
| 1 | North Carolina Electric Membership | Various | Various | | LFP |
| 2 | North Carolina Electric Membership | Various | Various | | LFP |
| 3 | North Carolina Electric Membership | Various | Various | | LFP |
| 4 | North Carolina Electric Membership | Various | Various | | LFP |
| 5 | North Carolina Electric Membership | Various | Various | | os |
| 6 | North Carolina Electric Membership | Various | Various | | SFP |
| 7 | North Carolina Municipal Power Agency 1 | Various | Various | | os |
| 8 | North Carolina Municipal Power Agency 1 | Various | Various | | SFP |
| 9 | South Carolina Public Service Authority | Various | Various | | LFP |
| | Southern Wholesale | Various | Various | | LFP |
| _ | Southern Wholesale | Various | Various | | os |
| | Southern Wholesale | Various | Various | | SFP |
| | Tenaska Power Services Co | Various | Various | | os |
| 14 | Tennessee Valley Authority | Various | Various | | os |
| | The Energy Authority | Various | Various | | os |
| | The Energy Authority | Various | Various | | SFP |
| | • • | | | | os |
| | Westar Energy | Various | Various | | SFP |
| | Westar Energy | Various | Various | | SFF |
| | Point to Point MWH(s) for all entries above | | | | EN 10 |
| | Blue Ridge Electric Membership Corporation | Various | Various | | FNO |
| 21 | Broad River | Various | Various | | FNO |
| 22 | Central Electric Power Coop | Various | Various | | FNO |
| 23 | City of Concord | Various | Various | | FNO |
| 24 | City of Kings Mountain | Various | Various | | FNO |
| 25 | City of Seneca | Various | Various | | FNO |
| 26 | EnergyUnited Electric Membership | Various | Various | | FNO |
| 27 | Greenwood Commissioners of Public Works | Various | Various | | FNO |
| 28 | Haywood Electric Membership Corporation | Various | Various | | FNO |
| 29 | Lockhart | Various | Various | | FNO |
| 30 | NC Electric Membership Corporation | Various | Various | | FNO |
| 31 | NCMPA | Various | Various | | FNO |
| 32 | Piedmont Electric Membership Corporation | Various | Various | | FNO |
| | Piedmont Municipal Power Agency | Various | Various | | FNO |
| | Rutherford Electric Membership Corporation | Various | Various | | FNO |
| | The state of the s | | | | |
| | | | | | |
| | TOTAL | | | | |
| | | | 1 | | |

| Name | e of Respondent | | Date of Report (Mo, Da, Yr) | Year/Period of F | |
|----------|--|--|--------------------------------|----------------------|-------------|
| Duke | Energy Carolinas, LLC | | 04/13/2017 | End of | 6/Q4 |
| | TRANS | MISSION OF ELECTRICITY FOR OTHERS (Announced in the control of the | Account 456.1) | | |
| 4 D | | | | | |
| | eport all transmission of electricity, i.e., whe fying facilities, non-traditional utility supplier | | | public authorities, | |
| | se a separate line of data for each distinct t | • | | lumn (a) (b) and (d | ., |
| 1 | eport in column (a) the company or public a | •• | | , , , , , , | , |
| 1 | c authority that the energy was received fro | • | • | | • |
| | ide the full name of each company or public | | | | |
| | ownership interest in or affiliation the respon | | | ., <u> </u> | |
| | column (d) enter a Statistical Classification | | | of the service as t | ollows: |
| FNO | - Firm Network Service for Others, FNS - F | Firm Network Transmission Service for S | elf, LFP - "Long-Ter | m Firm Point to Po | int |
| 1 | smission Service, OLF - Other Long-Term F | | | | |
| 1 | ervation, NF - non-firm transmission service | | | • | |
| 1 | ny accounting adjustments or "true-ups" for | | ds. Provide an expla | ination in a footnot | e for |
| each | adjustment. See General Instruction for de | finitions of codes. | | | |
| | | | | | |
| | Payment By | Energy Received From | Energy De | elivered To | Statistical |
| Line | (Company of Public Authority) | (Company of Public Authority) | (Company of P | | Classifi- |
| No. | (Footnote Affiliation) | (Footnote Affiliation) | (Footnote | | cation |
| | (a) | (b) | (0 | ;) | (d) |
| | | Various | Various | | FNO |
| 2 | SCPSA - Network | Various | Various | | FNO |
| 3 | Southern Power Rowan | Various | Various | | FNO |
| 4 | Dallas | Various | Various | | FNO |
| | | Various | Various | | FNO |
| — | , | Various | Various | | FNO |
| - | | Various | Various | | FNO |
| | ' ' | Various | Various | | FNO |
| - | 1 07 | Various | Various | | FNO |
| | 0,7 | Various | Various | | FNO |
| 11 | Revenue Accrual | Various | Various | | |
| 13 | | | | | |
| 14 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | | | | | |
| 18 | | | | | |
| 19 | | | | | |
| 20 | | | | | |
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| 28 | | | | | |
| 29 | | | | | |
| 30 | | | | | |
| 31 | | | | | |
| 32 | | | | | |
| 33 | | | | | |
| 34 | | | | | |
| | | | | | |
| | TOTAL | | | | |
| | TOTAL | | | | |

| Name of Respo | ondent | This Report Is: (1) X An Original | | Date of Report (Mo, Da, Yr) | Year/Period of Repo | |
|---|--|--|---|---|--|--------------|
| Duke Energy (| | (2) A Resubmis | | 04/13/2017 | End of2016/Q4 | 1 |
| | TRAN | NSMISSION OF ELECTRICITY F (Including transactions re | OR OTHERS (Acc | count 456)(Continued) | + | |
| designations 6. Report red designation for (g) report the contract. | (e), identify the FERC Rat under which service, as id- ceipt and delivery locations or the substation, or other a designation for the substa | e Schedule or Tariff Number, entified in column (d), is provious for all single contract path, "pappropriate identification for wation, or other appropriate identification for wation | On separate line ded. ooint to point" tra where energy wan tification for whe | es, list all FERC rate s nsmission service. In s received as specifie ere energy was deliver | column (f), report the d in the contract. In colu ed as specified in the | |
| reported in co | olumn (h) must be in mega | watts. Footnote any demand megawatthours received and | not stated on a | | | iditid |
| FERC Rate Schedule of | Point of Receipt | Point of Delivery | Billing | TRANS | FER OF ENERGY | Line |
| Tariff Number (e) | (Subsatation or Other Designation) (f) | (Substation or Other Designation) (g) | Demand (MW) (h) | MegaWatt Hours Received (i) | MegaWatt Hours Delivered (j) | No. |
| 454 | Various | Various | () | 99 | 07 | 1 |
| 454 | Various | Various | | 200 | | 2 |
| 443 | Various | Various | | | | 3 |
| | Various | Various | | | | 4 |
| 045 | Various | Various | | | | 5 |
| 385 | Various | Various | | 200 | | 6 |
| 385 | Various | Various | | 46 | | 7 |
| | Various | Various | | 200 | | 8 |
| 385 | Various | Various | | 46 | | 9 |
| 385 | Various | Various | | 46 | | 10 |
| 385 | Various | Various | | 46 | | 11 |
| 119 | Various | Various | | | | 12 |
| 187 | Various | Various | | | | 13 |
| 390 | Various | Various | | <mark>100</mark> | | 14 |
| 401 | Various | Various | | 850 | | 15 |
| 382 | Various | Various | | <mark>150</mark> | | 16 |
| 470 | Various | Various | | <mark>150</mark> | | 17 |
| 405 | Various | Various | | 300 | | 18 |
| 035 | Various | Various | | | | 19 |
| 163 | Various | Various | | | | 20 |
| 319 | Various | Various | | | | 21 |
| 412 | Various | Various | | | | 22 |
| 195 | Various | Various | | | | 23 |
| 194 | Various | Various | | | | 24 |
| 149 | Various | Various | | | | 25 |
| 465 | Various | Various | | | | 26 |
| 292 | Various | Various | | | | 27 |
| 230 | Various | Various | | | | 28 |
| 415 | Various | Various | | | | 29 |
| 476 | Various | Various | | | | 30 |
| 019 | Various | Various | | | | 31 |
| 308 | Various | Various | | | | 32 |
| 441 | Various | Various | | | | 33 |
| 440 | Various | Various | | | | 34 |
| | | | 2, | 898 36,97 ² | 1,944 36,821,37 | 71 |
| · | <u>i </u> | | | I | l . | |

| Name of Respo | | (1) X An Original | | ate of Report lo, Da, Yr) | Year/Period of Report | |
|--|---|--|--|--|---|------|
| Duke Energy (| • | (2) A Resubmis | ssion 04 | /13/2017 | End of2016/Q4 | |
| | TRAN | NSMISSION OF ELECTRICITY F | | 456)(Continued) | | |
| E la column | | | | | ulas ar contract | |
| designations 6. Report red designation for | under which service, as ide beipt and delivery locations for the substation, or other | e Schedule or Tariff Number, entified in column (d), is proving for all single contract path, "pappropriate identification for witton, or other appropriate iden | ded. point to point" transm where energy was red | ission service. In colu eived as specified in t | mn (f), report the he contract. In colur | mn |
| | column (h) the number of r | negawatts of billing demand t | hat is specified in the | firm transmission ser | vice contract. Dema | and |
| reported in co | olumn (h) must be in mega | watts. Footnote any demand megawatthours received and | not stated on a meg | | | and |
| FERC Rate | Point of Receipt | Point of Delivery | Billing | TRANSFER | OF ENERGY | T |
| Schedule of | (Subsatation or Other | (Substation or Other | Demand - | MegaWatt Hours | | Line |
| Tariff Number | , | Designation) | (MW) | Received | MegaWatt Hours Deliyered | No. |
| (e) 383 | (f) Various | (g) Various | (h) 50 | (i) | (j) | 1 |
| 384 | Various | Various | 55 | | | 2 |
| 389D | Various | Various | 50 | | | 3 |
| 474 | Various | Various | 100 | | | 4 |
| 334 | Various | Various | 100 | | | 5 |
| 387 | Various | Various | | | | 6 |
| 134 | | | | | | 7 |
| | Various | Various | | | | |
| 152 | Various | Various | 10 | | | 8 |
| 033 | Various | Various | 10 | | | 9 |
| 473 | Various | Various | 200 | | | 10 |
| 012 | Various | Various | | | | 11 |
| 161 | Various | Various | | | | 12 |
| 060 | Various | Various | | | | 13 |
| 007 | Various | Various | | | | 14 |
| 048 | Various | Various | | | | 15 |
| 306 | Various | Various | | | | 16 |
| 279 | Various | Various | | | | 17 |
| 278 | Various | Various | | 44.000.000 | 44.500.004 | 18 |
| | N . | \(\frac{1}{2}\) | | 14,673,652 | | |
| | Various | Various | | 1,390,822 | 1,390,822 | |
| | Various | Various | | 0.005.500 | 0.005.500 | 21 |
| | Various | Various | | 2,335,593 | | |
| | Various | Various | | 971,804 | 971,804 | |
| | Various | Various | | 156,654 | 156,654 | |
| | Various | Various | | 166,579 | | |
| | Various | Various | | 2,754,690 | | |
| | Various | Various | | 335,171 | 335,171 | |
| | Various | Various | | 126,941 | 126,941 | 28 |
| | Various | Various | | 269,025 | 269,025 | |
| | Various | Various | | 2,164,141 | 2,164,141 | |
| | Various | Various | | 5,508,031 | 5,508,031 | 1 |
| | Various | Various | | 408,973 | • | |
| | Various | Various | | 2,467,440 | | |
| | Various | Various | | 1,338,564 | 1,338,564 | 34 |
| | | | 2,898 | 36,971,944 | 36,821,371 | |

| varrie or Respo | ondent | (1) X An Original | | (Mo, Da, Yr) | real/Period of Report | |
|------------------------------|------------------------------------|---|------------------------|----------------------------|-----------------------------|----------|
| Duke Energy C | Carolinas, LLC | (2) A Resubmis | | 04/13/2017 | End of2016/Q4 | |
| | TRAN | SMISSION OF ELECTRICITY For (Including transactions ref | | nt 456)(Continued) | | |
| | (e), identify the FERC Rate | Schedule or Tariff Number, ntified in column (d), is provide | On separate lines, | | dules or contract | |
| 6. Report rec | eipt and delivery locations | for all single contract path, "p ppropriate identification for w | oint to point" transi | | | mn |
| g) report the | | on, or other appropriate iden | | | | 11111 |
| ontract. Report in c | column (h) the number of m | egawatts of billing demand th | nat is specified in th | ne firm transmission se | rvice contract Dema | and |
| eported in co | lumn (h) must be in megaw | vatts. Footnote any demand negawatthours received and | not stated on a me | | | |
| . Report in C | column (i) and (j) the total in | legawattilours received and t | uelivereu. | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| FERC Rate | Point of Receipt | Point of Delivery | Billing | _ | R OF ENERGY | Line |
| Schedule of Tariff Number | (Subsatation or Other Designation) | (Substation or Other Designation) | Demand (MW) | MegaWatt Hours Received | MegaWatt Hours Delivered | No. |
| (e) | (f) | (g) | `(h) [′] | (i) | (j) | |
| | Various | Various | | 5,18 | | |
| | Various | Various | | 1,556,41 | 8 1,556,418 | + |
| | Various | Various | | 70.70 | 70.70 | 3 |
| | Various | Various | | 73,72 | | + |
| | Various Various | Various Various | | 13,59 125,95 | · · | |
| | Various | Various | | 49,87 | | + |
| | Various | Various | | 12,74 | | |
| | Various | Various | | 21,41 | | + + |
| | Various | Various | | 44,95 | + | |
| | Various | Various | | 1 1,00 | 1.,,555 | 11 |
| | | | | | | 12 |
| | | | | | | 13 |
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| | | | | | | 32 |
| | | | | | 1 | 33 |
| | | | | | | 34 |
| | | | | | | |
| | | | | | | |
| | | | 2,898 | 36,971,94 | 4 36,821,371 | 4 |

| Name of Respondent | This Report Is: (1) X An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report End of 2016/Q4 | |
|--|--|--|---|--|
| Duke Energy Carolinas, LLC | (2) A Resubmiss | sion 04/13/2017 | | |
| | TRANSMISSION OF ELECTRICITY FO (Including transactions reff | PR OTHERS (Account 456) (Continu fered to as 'wheeling') | led) | |
| charges related to the billing dema amount of energy transferred. In cout of period adjustments. Explain charge shown on bills rendered to (n). Provide a footnote explaining rendered. 10. The total amounts in columns purposes only on Page 401, Lines | rt the revenue amounts as shown on and reported in column (h). In column column (m), provide the total revenue in in a footnote all components of the the entity Listed in column (a). If no the nature of the non-monetary settle (i) and (j) must be reported as Trans 16 and 17, respectively. explanations following all required dates. | in (I), provide revenues from energy from all other charges on bills amount shown in column (m). For monetary settlement was made lement, including the amount and smission Received and Transmission. | ergy charges related to the or vouchers rendered, including Report in column (n) the total or, enter zero (11011) in column d type of energy or service | ing n |
| | REVENUE FROM TRANSMISSIO | N OF ELECTRICITY FOR OTHERS | <u> </u> | |
| Demand Charges | Energy Charges | (Other Charges) | Total Revenues (\$) | Line |
| (\$) | (\$) | (\$) | (k+l+m) | No. |
| (k) | (I) | (m) | (n) | 1 |
| 1,823,580 3,684,000 | 97 | | 1,823,580 3,684,097 | |
| 3,064,000 | 97 | -343,460 | -343,460 | |
| | | -343,400 | 14 | |
| | | 891 | 891 | 5 |
| 654,000 | 9,737 | 091 | 663,737 | |
| 75,210 | 318 | | 75,528 | |
| 327,000 | 17,623 | | 344,623 | |
| 75,210 | 17,023 | | 75,210 | |
| 75,210 | 39 | | 75,249 | |
| 75,210 | 39 | | 75,210 | |
| 70,210 | 142,442 | 841,209 | 983,651 | |
| | 610,704 | 1,368,982 | 1,979,686 | |
| | 010,104 | 1,000,002 | 1,070,000 | 14 |
| | | | | 15 |
| | | | | 16 |
| | | | | 17 |
| | | | | 18 |
| | | | | 19 |
| | | -4,371 | -4,371 | 20 |
| | 3,056 | 215,394 | 218,450 | 21 |
| | 5,555 | 15,889 | 15,889 | 22 |
| | | 342,214 | 342,214 | |
| | 1,173 | 2,661,442 | 2,662,615 | |
| | 1,110 | 57,727 | 57,727 | 25 |
| | | 72,782 | 72,782 | 26 |
| | | 73,614 | 73,614 | |
| | | 11,582 | 11,582 | 28 |
| | | 324 | 324 | |
| | | 18,818 | 18,818 | 30 |
| | 304 | 775,713 | 776,017 | |
| | | 340,201 | 340,201 | 32 |
| | | 393 | 393 | |
| | | 38,255 | 38,255 | |
| | | | | |
| 63,989,872 | 844,860 | 20,339,907 | 85,174,639 | |
| | | | | |

| 9. In column (k) through (n), report the revenue amount of energy transferred. In column (m), provide out of period adjustments. Explain in a footnote all contains shown on bills rendered to the entity Listed in (n). Provide a footnote explaining the nature of the nat | F ELECTRICITY FO ing transactions refunts as shown or umn (h). In colume the total revenuomponents of the column (a). If no incommonetary setto reported as Transtively. Ving all required decommonations and column (b). OM TRANSMISSIC charges | OR OTHERS (Actifered to as wheeler to as wheeler to as wheeler to bills or vouched and (I), provide resident showr to monetary settement, includir smission Receipata. | evenues from energer charges on bills on in column (m). Reglement was made, and the amount and | provide revenues from dema gy charges related to the or vouchers rendered, includi eport in column (n) the total enter zero (11011) in column type of energy or service | ng 1 |
|--|---|--|---|--|-----------------------|
| 2. In column (k) through (n), report the revenue amo charges related to the billing demand reported in columnunt of energy transferred. In column (m), provide out of period adjustments. Explain in a footnote all cocharge shown on bills rendered to the entity Listed in (n). Provide a footnote explaining the nature of the nicendered. 10. The total amounts in columns (i) and (j) must be purposes only on Page 401, Lines 16 and 17, respect 11. Footnote entries and provide explanations follow REVENUE FR: Demand Charges (s) (s) (l) (l) | ounts as shown or umn (h). In colume the total revenue omponents of the column (a). If no column (a) are reported as Tranctively. OM TRANSMISSIC charges | n bills or vouchern (I), provide reserved amount shown or monetary settlement, includir smission Receivata. | ers. In column (k), evenues from energer charges on bills on in column (m). Reflement was made, and the amount and even and Transmiss (STY FOR OTHERS) CITY FOR OTHERS Charges) (\$) (m) -3,956 89,395 1,555,432 | provide revenues from dema gy charges related to the or vouchers rendered, includi eport in column (n) the total enter zero (11011) in column type of energy or service sion Delivered for annual report (k+l+m) (n) (n) 1,002,750 -3,956 89,395 1,555,432 | Line No. 1 2 3 4 5 6 |
| charges related to the billing demand reported in columnamount of energy transferred. In column (m), provide out of period adjustments. Explain in a footnote all cocharge shown on bills rendered to the entity Listed in (n). Provide a footnote explaining the nature of the norendered. 10. The total amounts in columns (i) and (j) must be purposes only on Page 401, Lines 16 and 17, respect 11. Footnote entries and provide explanations follows: REVENUE FR: Demand Charges Energy C (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$) | umn (h). In colume the total revenue omponents of the column (a). If no column (a). | es from all other amount shown o monetary sett element, includir smission Recei ata. | evenues from energer charges on bills on in column (m). Reglement was made, and the amount and eved and Transmiss (s) (m) -3,956 89,395 1,555,432 | Total Revenues (\$) (k+l+m) (n) 1,002,750 -3,956 89,395 1,555,432 | Line No. 1 2 3 4 5 6 |
| Demand Charges (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$) | Charges) | (Other | Charges) (\$) (m) -3,956 89,395 1,555,432 | (k+l+m) (n) 1,002,750 -3,956 89,395 1,555,432 | No. 1 2 3 4 5 |
| Demand Charges (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$) | Charges) | (Other | Charges) (\$) (m) -3,956 89,395 1,555,432 | (k+l+m) (n) 1,002,750 -3,956 89,395 1,555,432 | No. 1 2 3 4 5 |
| (\$) (k) 1,002,750 184,200 604,950 | | | (\$) (m) -3,956 89,395 1,555,432 | (k+l+m) (n) 1,002,750 -3,956 89,395 1,555,432 | No. 1 2 3 4 5 |
| 1,002,750 184,200 604,950 | | | -3,956 89,395 1,555,432 | 1,002,750 -3,956 89,395 1,555,432 | 2 3 4 5 6 |
| 184,200 604,950 | 278 | | 89,395 1,555,432 | -3,956 89,395 1,555,432 | 2 3 4 5 6 |
| 184,200 604,950 | 278 | | 89,395 1,555,432 | -3,956 89,395 1,555,432 | 3 4 5 6 |
| 184,200 604,950 | 278 | | 89,395 1,555,432 | -3,956 89,395 1,555,432 | 4 5 6 |
| 604,950 | 278 | | 89,395 1,555,432 | 89,395 1,555,432 | 5 6 |
| 604,950 | 278 | | 89,395 1,555,432 | 89,395 1,555,432 | 6 |
| 604,950 | 278 | | 1,555,432 | 1,555,432 | |
| 604,950 | 278 | | 1 1 | | 7 |
| 604,950 | 278 | | 2,247,880 | 2 247 880 | |
| 604,950 | 278 | | | 2,247,000 | 8 |
| | 278 | | | 184,200 | 9 |
| | 278 | | | 604,950 | 10 |
| 3,330,560 | | | 2,739,095 | 2,739,373 | 11 |
| 3,330,560 | 58,312 | | 1,339,243 | 1,397,555 | 12 |
| 3,330,560 | 00,012 | | 652 | 652 | 13 |
| 3,330,560 | | | 2 | 2 | 14 |
| 3,330,560 | | | 353,402 | 353,402 | 15 |
| 3,330,560 | 777 | | 460,880 | 461,656 | 16 |
| 3,330,560 | 111 | | | | |
| 3,330,560 | | | 45,083 | 45,083 | 17 |
| 3,330,560 | | | 187,237 | 187,237 | 18 |
| 3,330,560 | | | 204.445 | | 19 |
| | | | 981,115 | 4,311,675 | 20 |
| -282,400 | | | | -282,400 | 21 |
| 5,752,691 | | | 1,671,044 | 7,423,735 | 22 |
| 2,246,418 | | | 660,547 | 2,906,965 | 23 |
| 318,054 | | | 93,511 | 411,565 | 24 |
| 403,515 | | | 65,602 | 469,117 | 25 |
| 7,201,187 | | | 1,193,023 | 8,394,210 | 26 |
| 783,087 | | | 230,651 | 1,013,738 | 27 |
| 318,198 | | | 93,862 | 412,060 | 28 |
| 876,620 | | | 258,106 | 1,134,726 | 29 |
| 5,907,011 | | | -15,674 | 5,891,337 | 30 |
| 11,132,263 | | | 985,888 | 12,118,151 | 31 |
| 1,103,892 | | | 325,115 | 1,429,007 | 32 |
| 6,053,227 | | | 668,874 | 6,722,101 | 33 |
| 3,783,807 | | | 1,098,583 | 4,882,390 | 34 |
| | | | | | |
| 63,989,872 | 844,860 | | 20,339,907 | 85,174,639 | |

Name of Respondent

| Name of Respondent | | This Report | | | Date of Report | Year/Period of Report | |
|---|--|--|---|--|--|--|----------|
| Duke Energy Carolinas, LLC | (2) AR | An Original (Mo, Da, Yr) A Resubmission 04/13/2017 | | End of2016/Q4 | | | |
| | TRANSMISSION (Inc | OF ELECTR | ICITY FO | R OTHERS (Adered to as 'whe | ccount 456) (Continu eling') | ed) | |
| 9. In column (k) through (n), repocharges related to the billing demonant of energy transferred. In out of period adjustments. Explain charge shown on bills rendered to (n). Provide a footnote explaining rendered. 10. The total amounts in columns ourposes only on Page 401, Lines 11. Footnote entries and provide | and reported in of column (m), proving in a footnote a to the entity Listed the nature of the fill and (j) must a 16 and 17, respectively. | column (h). vide the total Il componen d in column (e non-mone) be reported pectively. | In columing the column of the care of the | n (I), provide in es from all oth amount show monetary set ement, including mission Rece | revenues from ene er charges on bills in in column (m). F ttlement was made ing the amount and | rgy charges related to the or vouchers rendered, including Report in column (n) the total enter zero (11011) in column type of energy or service | ing n |
| | DEVENITE | FDOM TDAN | OISSIMS | N OF ELECTRI | ICITY FOR OTHERS | | |
| Domand Charges | | y Charges | | | | Total Revenues (\$) | Line |
| Demand Charges | Energ | | | (Other | r Charges) | (k+l+m) | No. |
| (\$) (k) | | (\$) (I) | | | (\$) (m) | (n) | INO. |
| | | (1) | | | ` ' | <u>`</u> | |
| 13,557 | | | | | 4,037 | 17,594 | 1 |
| 4,426,607 | | | | | 729,218 | 5,155,825 | 2 |
| | | | | | -416,880 | -416,880 | 3 |
| 101 =0= | | | | | , | | |
| 161,787 | | | | | 47,791 | 209,578 | |
| 31,373 | | | | | 9,236 | 40,609 | 5 |
| 270,074 | | | | | 79,610 | 349,684 | 6 |
| 117,334 | | | | | 34,584 | 151,918 | |
| | | | | | * | | |
| 24,164 | | | | | 7,147 | 31,311 | 8 |
| 540,680 | | | | | 149,369 | 690,049 | 9 |
| 115,785 | | | | | 34,121 | 149,906 | 10 |
| | | | | | · | | |
| 779,061 | | | | | -4,150,531 | -3,371,469 | |
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| | | | | | | | |
| 63,989,872 | | | 844,860 | | 20,339,907 | 85,174,639 | |
| , , , - | | | • | | , , | , ,=== | |

Name of Respondent

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|----------------------------|----------------------|----------------|-----------------------|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| FOOTNOTE DATA | | | | | | | |

Schedule Page: 328 Line No.: 1 Column: h

This long term firm transaction with Brookfield Energy Marketing expires 6/30/19.

Schedule Page: 328 Line No.: 1 Column: k

Demand charges include long term firm transmission for prior period adjustments resulting from a change in revenue requirement for transmission and schedule 1.

Schedule Page: 328 Line No.: 2 Column: h

This long term firm transaction with Brookfield Energy Marketing expires 6/30/19.

Schedule Page: 328 Line No.: 2 Column: k

Demand charges include long term firm transmission for prior period adjustments resulting from a change in revenue requirement for transmission and schedule 1.

Schedule Page: 328 Line No.: 2 Column: I

Energy charges include loss compensation.

Schedule Page: 328 Line No.: 3 Column: m

Other charges include base transmission and ancillary service charges

(scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 4 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 5 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 6 Column: h

This long term firm transaction with Cargill-Alliant LLC expires 8/31/16.

Schedule Page: 328 Line No.: 6 Column: k

Demand charges include long term firm transmission for prior period adjustments resulting from a change in revenue requirement for transmission and schedule 1.

Schedule Page: 328 Line No.: 6 Column: I

Energy charges include loss compensation.

Schedule Page: 328 Line No.: 7 Column: h

This long term firm transaction with Cargill-Alliant LLC expires 9/30/16.

Schedule Page: 328 Line No.: 7 Column: k

Demand charges include long term firm transmission for prior period adjustments resulting from a change in revenue requirement for transmission and schedule 1.

Schedule Page: 328 Line No.: 7 Column: I

Energy charges include loss compensation.

Schedule Page: 328 Line No.: 8 Column: h

This long term firm transaction with Cargill-Alliant LLC expires 6/30/16.

Schedule Page: 328 Line No.: 8 Column: k

Demand charges include long term firm transmission for prior period adjustments resulting from a change in revenue requirement for transmission and schedule 1.

Schedule Page: 328 Line No.: 8 Column: I

Energy charges include loss compensation.

Schedule Page: 328 Line No.: 9 Column: h

This long term firm transaction with Cargill-Alliant LLC expires 10/31/16.

Schedule Page: 328 Line No.: 9 Column: k

Demand charges include long term firm transmission for prior period adjustments resulting from a change in revenue requirement for transmission and schedule 1.

Schedule Page: 328 Line No.: 10 Column: h

This long term firm transaction with Cargill-Alliant LLC expires 11/30/16.

Schedule Page: 328 Line No.: 10 Column: k

Demand charges include long term firm transmission for prior period adjustments resulting from a change in revenue requirement for transmission and schedule 1.

Schedule Page: 328 Line No.: 10 Column: I

Energy charges include loss compensation.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|----------------------------|--------------------|----------------|-----------------------|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | - | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| FOOTNOTE DATA | | | | | | | |

Schedule Page: 328 Line No.: 11 Column: h

This long term firm transaction with Cargill-Alliant LLC expires 12/31/16.

Schedule Page: 328 Line No.: 11 Column: k

Demand charges include long term firm transmission for prior period adjustments resulting from a change in revenue requirement for transmission and schedule 1.

Schedule Page: 328 Line No.: 12 Column: I

Energy charges include loss compensation.

Schedule Page: 328 Line No.: 12 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 13 Column: I

Energy charges include loss compensation.

Schedule Page: 328 Line No.: 13 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 14 Column: a

Carolina Power & Light is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 14 Column: h

This long term firm transaction with Carolina Power & Light expires 12/31/17.

Schedule Page: 328 Line No.: 15 Column: a

Carolina Power & Light is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 15 Column: h

This long term firm transaction with Carolina Power & Light expires 6/30/18.

Schedule Page: 328 Line No.: 16 Column: a

Carolina Power & Light is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 16 Column: h

This long term firm transaction with Carolina Power & Light expires 12/31/19.

Schedule Page: 328 Line No.: 17 Column: a

Carolina Power & Light is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 17 Column: h

This long term firm transaction with Carolina Power & Light expires 12/31/20.

Schedule Page: 328 Line No.: 18 Column: a

Carolina Power & Light is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 18 Column: h

This long term firm transaction with Carolina Power & Light expires 12/31/34.

Schedule Page: 328 Line No.: 19 Column: a

Carolina Power & Light is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 20 Column: a

Carolina Power & Light is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 20 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 21 Column: I

Energy charges include loss compensation.

Schedule Page: 328 Line No.: 21 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 22 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 23 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 24 Column: I

Energy charges include loss compensation.

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|----------------------------|--------------------|----------------|-----------------------|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | - | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| FOOTNOTE DATA | | | | | | | |

Schedule Page: 328 Line No.: 24 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 25 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 26 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 27 Column: a

Florida Power Corp is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 27 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 28 Column: a

Florida Power Corp is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 28 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 29 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 30 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 31 Column: I

Energy charges include loss compensation.

Schedule Page: 328 Line No.: 31 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 32 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 33 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 34 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328.1 Line No.: 1 Column: h

This long term firm transaction with North Carolina Electric Membership expires 12/31/16.

Schedule Page: 328.1 Line No.: 2 Column: h

This long term firm transaction with North Carolina Electric Membership expires 12/31/16.

Schedule Page: 328.1 Line No.: 3 Column: h

This long term firm transaction with North Carolina Electric Membership expires 9/30/19.

Schedule Page: 328.1 Line No.: 3 Column: k

Demand charges include long term firm transmission for prior period adjustments resulting from a change in revenue requirement for transmission and schedule 1.

Schedule Page: 328.1 Line No.: 4 Column: h

This long term firm transaction with North Carolina Electric Membership expires 12/31/20.

Schedule Page: 328.1 Line No.: 5 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328.1 Line No.: 6 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch

FERC FORM NO. 1 (ED. 12-87)

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | |
|----------------------------|--------------------|----------------|-----------------------|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | - | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | |
| FOOTNOTE DATA | | | | | | | | |

and reactive support).

Schedule Page: 328.1 Line No.: 7 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328.1 Line No.: 8 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328.1 Line No.: 9 Column: h

This long term firm transaction with South Carolina Public Service Authority expires 12/31/18.

Schedule Page: 328.1 Line No.: 9 Column: k

Demand charges include long term firm transmission for prior period adjustments resulting from a change in revenue requirement for transmission and schedule 1.

Schedule Page: 328.1 Line No.: 10 Column: h

This long term firm transaction with Southern Wholesale expires 5/31/17.

Schedule Page: 328.1 Line No.: 10 Column: k

Demand charges include long term firm transmission for prior period adjustments resulting from a change in revenue requirement for transmission and schedule 1.

Schedule Page: 328.1 Line No.: 11 Column: I

Energy charges include loss compensation.

Schedule Page: 328.1 Line No.: 11 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328.1 Line No.: 12 Column: I

Energy charges include loss compensation.

Schedule Page: 328.1 Line No.: 12 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328.1 Line No.: 13 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328.1 Line No.: 14 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328.1 Line No.: 15 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328.1 Line No.: 16 Column: I

Energy charges include loss compensation.

Schedule Page: 328.1 Line No.: 16 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328.1 Line No.: 17 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328.1 Line No.: 18 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328.1 Line No.: 20 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 22 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 23 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC

FERC FORM NO. 1 (ED. 12-87)

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|----------------------------|--------------------|----------------|-----------------------|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | · | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| FOOTNOTE DATA | | | | | | | |

Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 24 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 25 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 26 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 27 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 28 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 29 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 30 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 31 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 32 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 33 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.1 Line No.: 34 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.2 Line No.: 1 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.2 Line No.: 2 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.2 Line No.: 4 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.2 Line No.: 5 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.2 Line No.: 6 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.2 Line No.: 7 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.2 Line No.: 8 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.2 Line No.: 9 Column: k

FERC FORM NO. 1 (ED. 12-87) Page 450.5

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|----------------------------|----------------------|----------------|-----------------------|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| FOOTNOTE DATA | | | | | | | |

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.2 Line No.: 10 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

Schedule Page: 328.2 Line No.: 11 Column: n

FERC Audit 1Q16 (86,466)
2014 Revenue True-up 2Q16 (3,805,114)
ROE Settlement 2Q16 (859,500)
Current Year Rate Change 2Q16 616,000
FERC Audit 2Q16 11,550
Current Year Rate Change 3Q16 (616,000)
2014 OATT Settlement Accrual Reversal 4Q16 4,699,499
Adjust DEC Revenue for ROE Settlement 4Q16 (859,500)
2015 OATT Settlement DEC True-up (2,471,939)

| Name | e of Respondent | This Report | | | Date of I (Mo, Da | Report | Year/ | Period of Report |
|----------|--|------------------|--------------------------------------|--------------|----------------------------------|------------------------------------|-------------|-------------------------|
| Duke | e Energy Carolinas, LLC | (2) A | Original Resubmission | | 04/13/20 | | End o | of 2016/Q4 |
| | | | N OF ELECTR | | | | | |
| | port in Column (a) the Transmission Owner receiv | | | | | | | |
| | e a separate line of data for each distinct type of tr Column (b) enter a Statistical Classification code b | | | | | | e as follow | vs: FNO – Firm |
| | ork Service for Others, FNS – Firm Network Trans | | | | | | | |
| Long- | Term Firm Transmission Service, SFP – Short-Te | rm Firm Point | -to-Point Transn | nission Re | eservation, N | F – Non-Firm | Transmiss | sion Service, OS - |
| | Transmission Service and AD- Out-of-Period Adju | | | | | | | rvice provided in prior |
| | ing periods. Provide an explanation in a footnote column (c) identify the FERC Rate Schedule or tar | | | | | | | nations under which |
| | e, as identified in column (b) was provided. | in reamber, or | r ocparate inico, | iiot aii i L | ire rate son | Saules of conti | dot doolgi | idiono dilaci willon |
| 5. In c | column (d) report the revenue amounts as shown of | | | | | | | |
| 6. Rep | port in column (e) the total revenues distributed to | the entity liste | | | -4- O-bd-l | T-4-1 D | - h. D-t- | T-t-I D |
| No. | Payment Received by (Transmission Owner Name) (a) | | Statistical Classification (b) | or Tari | ate Schedule ff Number (c) | Total Revenu Schedule or (d) | | Total Revenue (e) |
| 1 | (-) | | (2) | | (-) | (4) | | (-) |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
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| | | | | | | | | |
| 40 | TOTAL | | | | | | | |
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| Nam | e of Respondent | | This Report | t ls: n Original | | Date of Report Mo, Da, Yr) | | riod of Report |
|--|--|--|--|--|--|---|--|--|
| Duk | e Energy Carolinas, LLC | | (2) A | Resubmission | Ċ |)4/13/2017 [°] | End of _ | 2016/Q4 |
| | | TRANSI (lı | MISSION OF ncluding trans | ELECTRICITY sactions referre | BY OTHERS (A | Account 565) y") | • | |
| uth Interpretation In | eport all transmission, i.e. who orities, qualifying facilities, and column (a) report each compeviate if necessary, but do no emission service provider. Use mission service for the quarter column (b) enter a Statistical - Firm Network Transmission Service, and OS - Other Transmission, and Column (c) and (d) the eport in column (e), (f) and (g) and charges and in column (f) or charges on bills or vouchers ponents of the amount shown etary settlement was made, eding the amount and type of each are column (f) or the column (f) or charges on the column (f) or charges on the column (f) or charges on bills or vouchers of the amount shown etary settlement was made, eding the amount and type of each column (f) or charges on the column (f) | eeling or electrical others for the any or public a truncate name additional color reported. Classification of Service, SFP - Sh sion Service. Service total megawa expenses as so energy charges rendered to the in column (g). | icity provided equarter. In thority that e or use acrumns as new code based elf, LFP - Lonort-Term Fill See General tt hours receishown on bines related to the responder Report in column (h). Provided to the context of the column (h). | provided transonyms. Explancessary to report on the original of the provided and delimited and delim | ctric utilities, consmission serving in in a footnote port all companual contractual termination of the properties of definitions of the properties of the p | ce. Provide the any ownership it ies or public authors and condition Transmission Reservations f statistical class rovider of the transmission the respondent. Inferred. On column ad adjustments. Economic on bills reno | full name of the interest in or affinorities that proposed one of the services of the services of the services, NF - Non-Firmifications. Insmission services of column (e) rean (g) report the explain in a foodered to the residentees of the r | e company, filiation with the vided ce as follows: F - Other m Transmission vice. port the total of all tnote all spondent. If no |
| i. Er | nter "TOTAL" in column (a) as potnote entries and provide ex | the last line. | | | | | | |
| ine | The second of the provide of | | | R OF ENERGY | EXPENSES | FOR TRANSMISS | ION OF ELECTE | RICITY BY OTHER |
| No. | Name of Company or Public Authority (Footnote Affiliations) (a) | Statistical Classification (b) | Magawatt- hours Received (c) | Magawatt- hours Delivered (d) | Demand Charges (\$) (e) | Energy Charges (\$) (f) | Other Charges (\$) (g) | Total Cost of Transmission (\$) (h) |
| 1 | Carolina Power & Light | NF | | | | 3,637,279 | 5,821 | 3,643,100 |
| 2 | Carolina Power & Light | SFP | | | | 33,775 | 2,890 | 36,665 |
| 3 | North Carolina EMC | os | | | 41,351 | | | 41,351 |
| 4 | North Carolina MPA | os | | | 33,231 | | | 33,231 |
| 5 | Energy United | OS | | | 111,351 | | | 111,351 |
| 6 | Central Electric | os | | | 665,289 | | | 665,289 |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | + | | |
| 14 | | | | | | + | | |
| 15 | | | | | | + | | |
| 16 | | | | | | + | | |
| | | | | | | | | |
| | TOTAL | | | | 851,222 | 3,671,054 | 8,711 | 4,530,987 |

| | of Respondent | This Rep | ort Is: An Original | Date of Report (Mo, Da, Yr) | Year/Period of Report |
|------|--|------------|------------------------|--------------------------------|-----------------------|
| Duke | Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of2016/Q4 |
| | MISCELLAN | ` ′ 🖳 | NERAL EXPENSES (Accou | nt 930.2) (ELECTRIC) | |
| Line | | | ription a) | | Amount |
| No. | Industry Association Duca | (b) | | | |
| 1 | Industry Association Dues | 1,198,693 | | | |
| 2 | Nuclear Power Research Expenses | | | | 2 000 000 |
| 3 | Other Experimental and General Research Expe | | | | 2,688,069 |
| 4 | Pub & Dist Info to Stkhldrsexpn servicing outsta | | | | 97,173 |
| 5 | Oth Expn >=5,000 show purpose, recipient, amo | unt. Group | o it < \$5,000 | | -45,118,707 |
| 6 | Dues and subscriptions to various organizations | | | | |
| 7 | American Society of Corporate Executives | | | | 6,251 |
| 8 | Anderson Area CoC | | | | 2,237 |
| 9 | Artisphere | | | | 1,000 |
| 10 | Better Business Bureau of Central North Carolina | | | | 2,620 |
| 11 | Better Business Bureau of Northwest North Caro | lina | | | 800 |
| 12 | Burke County CoC | | | | 675 |
| 13 | Cabarrus Regional CoC | | | | 2,000 |
| 14 | Caldwell County CoC | | | | 1,500 |
| 15 | Carolina Foothills CoC | | | | 525 |
| 16 | Catawba County CoC | | | | 5,000 |
| 17 | Chapel Hill Carrboro CoC | | | | 8,415 |
| 18 | Charlotte CoC | | | | 50,000 |
| 19 | Cherokee County CoC (NC) | | | | 500 |
| 20 | Cherokee County CoC (SC) | | | | 2,500 |
| 21 | Chester County CoC | 1,250 | | | |
| 22 | Clemson Area CoC | 860 | | | |
| 23 | Edison Electric Institute | | | | 24,358 |
| 24 | European American CoC | | | | 5,000 |
| 25 | Franklin Area CoC | | | | 1,000 |
| 26 | Gaston Regional CoC | 1,452 | | | |
| 27 | Greater Durham CoC | | | | 14,415 |
| 28 | Greater Easley CoC | | | | 800 |
| 29 | Greater Gaston Development Corporation | | | | 5,000 |
| 30 | Greater Greer CoC | | | | 570 |
| 31 | Greater Mauldin CoC | | | | 500 |
| 32 | Greater Oconee CoC | | | | 700 |
| 33 | Greater Winston Salem CoC | | | | 11,131 |
| 34 | Greater York CoC | | | | 520 |
| 35 | Greensboro CoC | | | | 6,159 |
| 36 | Greenville CoC | | | | 17,500 |
| 37 | Greenwood CoC | | | | 966 |
| | Henderson County CoC | | | | 1,138 |
| 38 | Hickory Nut Gorge CoC | | | | 510 |
| 39 | | | | | 3,360 |
| 40 | Hillsborough / Orange County CoC | | | | |
| 41 | Jackson CoC | | | | 1,000 |
| 42 | King CoC | | | | 575 |
| 43 | Lake Norman CoC | 1,200 | | | |
| 44 | Lancaster County CoC | | | | 2,100 |
| 45 | Lenoir Rhyne University Business Council | | | | 1,000 |
| | | | | | |
| | | | | | |
| 40 | TOTAL | | | | 04.004.000 |
| 46 | TOTAL | | | | -34,884,222 |
| | | | | | |

| | of Respondent | This Rep | ort Is: An Original | Date of Report (Mo, Da, Yr) | | ear/Period of Report |
|-------------|---|----------|------------------------|--------------------------------|---|----------------------|
| Duke | Energy Carolinas, LLC | (1) [X] | A Resubmission | 04/13/2017 | E | nd of 2016/Q4 |
| | MISCELLAN | | NERAL EXPENSES (Accou | int 930.2) (ELECTRIC) | | |
| Line No. | | | ription a) | | | Amount (b) |
| 6 | McDowell Coc | | <i>ω</i> , | | | 660 |
| 7 | Mount Airy CoC | | | | | 1,010 |
| 8 | Municipal Association of South Carolina | | | | | 1,900 |
| 9 | National Minority Supplier Development Council | | | | | 7,287 |
| 10 | North Carolina Business Committee for Education | on . | | | | 3,300 |
| 11 | North Carolina CoC | | | | | 65,390 |
| 12 | North Carolina Hispanic CoC | | | | | 6,000 |
| 13 | Palmetto Business Council | | | | | 3,230 |
| 14 | Randleman CoC | | | | | 560 |
| 15 | Rotary Club of Greensboro | | | | | 765 |
| 16 | Rotary Club of Stratford | | | | | 835 |
| 17 | Rowan County CoC | | | | | 2,997 |
| 18 | Rutherford CoC | | | | | 750 |
| 19 | Salisbury Rotary Club | | | | | 578 |
| 20 | Simpsonville Area CoC | | | | | 660 |
| 21 | South Carolina Association of Counties | | | | | 760 |
| 22 | South Carolina CoC | | | | | 18,848 |
| 23 | South Carolina Forestry Association | | | | | 529 |
| 24 | Spartanburg Area CoC | | | | | 7,727 |
| 25 | Spartanburg County Municipal Association | | | | | 500 |
| 26 | Stanly County CoC | | | | | 2,380 |
| 27 | Swain County CoC | | | | | 700 |
| 28 | Thomasville County CoC | | | | | 1,826 |
| 29 | US CoC | | | | | 99,977 |
| 30 | Union County CoC | | | | | 569 |
| 31 | Upstate Employers Network | | | | | 1,783 |
| 32 | VisitGreenvilleSC | | | | | 525 |
| 33 | Wilkes CoC | | | | | 1,828 |
| 34 | York County Regional CoC | | | | | 3,000 |
| 35 | York Rotary Club | | | | | 580 |
| 36 | Chamber of Commerce (27) | | | | | 8,372 |
| 37 | | | | | | |
| 38 | Transferred Employee Homes | | | | | 4,267,455 |
| 39 | | | | | | |
| 40 | Leased Circuit Charges | | | | | 8,983 |
| 41 | | | | | | |
| 42 | Director's Fees and Expenses | | | | | 1,541,199 |
| 43 | | | | | | |
| 44 | | | | | | |
| 45 | | | | | | |
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| | | | | | | |
| 46 | TOTAL | | | | | -34,884,222 |
| | | | | | | |

| | e of Respondent e Energy Carolinas, LLC | This Report Is: (1) X An Origi | | Date of Report (Mo, Da, Yr) | Year/Perio End of | d of Report 2016/Q4 | | | | | |
|------|--|-----------------------------------|------------------------------------|--------------------------------|-----------------------------------|------------------------|--|--|--|--|--|
| Duk | • | (2) A Resub | | 04/13/2017 | _ | | | | | | |
| | | (Except amortization | of aquisition adjustr | | . , | | | | | | |
| | Report in section A for the year the amounts | | | | | | | | | | |
| | Retirement Costs (Account 403.1; (d) Amortization of Limited-Term Electric Plant (Account 404); and (e) Amortization of Other Electric Plant (Account 405). | | | | | | | | | | |
| 2. F | Report in Section 8 the rates used to compute amortization charges for electric plant (Accounts 404 and 405). State the basis used to | | | | | | | | | | |
| | ompute charges and whether any changes have been made in the basis or rates used from the preceding report year. | | | | | | | | | | |
| | Report all available information called for in Section C every fifth year beginning with report year 1971, reporting annually only changes columns (c) through (g) from the complete report of the preceding year. | | | | | | | | | | |
| | ess composite depreciation accounting for to | | | numerically in colum | n (a) each plant s | subaccount, | | | | | |
| | ount or functional classification, as appropria | | | | | | | | | | |
| | uded in any sub-account used. | | | bratala la facilità | | | | | | | |
| | blumn (b) report all depreciable plant balanc posite total. Indicate at the bottom of sectio | | | | | | | | | | |
| | hod of averaging used. | | Willer Column bale | ances are obtained. | ii average balani | ccs, state the | | | | | |
| For | columns (c), (d), and (e) report available info | | | | | | | | | | |
| | If plant mortality studies are prepared to ass | | | | | | | | | | |
| | cted as most appropriate for the account an posite depreciation accounting is used, repo | | | | | ng plant. If | | | | | |
| | f provisions for depreciation were made duri | | | | | rates, state at | | | | | |
| | bottom of section C the amounts and nature | | | | • | , | | | | | |
| | | | | | | | | | | | |
| | A. Sumr | nary of Depreciation | and Amortization Ch | narges | | | | | | | |
| | | .,, | Depreciation | Amortization of | | | | | | | |
| Line | Functional Classification | Depreciation Expense | Expense for Asset Retirement Costs | Limited Term Electric Plant | Amortization of Other Electric | Total | | | | | |
| No. | (a) | (Account 403) (b) | (Account 403.1) (c) | | Plant (Acc 405) (e) | (f) | | | | | |
| 1 | Intangible Plant | (5) | (0) | 45,637,934 | (0) | 45,637,934 | | | | | |
| - | Steam Production Plant | 259,738,653 | | | | 259,738,653 | | | | | |
| 3 | Nuclear Production Plant | 219,822,148 | | | | 219,822,148 | | | | | |
| | Hydraulic Production Plant-Conventional | 17,481,689 | | | | 17,481,689 | | | | | |
| - | Hydraulic Production Plant-Pumped Storage | 20,487,980 | | | | 20,487,980 | | | | | |
| ļ | Other Production Plant | 71,667,473 | | | | 71,667,473 | | | | | |
| | Transmission Plant | 71,186,690 | | | | 71,186,690 | | | | | |
| | Distribution Plant | 232,635,449 | | | | 232,635,449 | | | | | |
| | Regional Transmission and Market Operation | 232,033,449 | | | | 232,033,443 | | | | | |
| | General Plant | E0 EE1 E70 | | 122.460 | | E9 67E 020 | | | | | |
| | | 58,551,579 | | 123,460 | | 58,675,039 | | | | | |
| | Common Plant-Electric | | | | | | | | | | |
| 12 | TOTAL | 951,571,661 | | 45,761,394 | | 997,333,055 | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | D. D f A | | | | | | | | | |
| | | B. Basis for Am | ortization Charges | | | | | | | | |
| | ted term electric depreciable plant base is \$312,1 | | | | | | | | | | |
| | rtized assets which have been fully amortized burrtized over the remaining life of the license. | t not yet retired. Inta | ingible plant is amort | ized over 5 years. The | generating plant r | elicensing is | | | | | |
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| · | | | This Report Is: (1) X An Original | Date of Report (Mo, Da, Yr) Year/Period of Report 2016/04 | | | | |
|-------------|--|--------|--|---|-----------------------------------|----------|-------------------------------|-------------------------------------|
| Duke | e Energy Carolinas, LLC | | (2) A Resubmis | 04/13/2017 | , | End of | | |
| | DEPREC | IATIO | N AND AMORTIZAT | ION OF ELEC | TRIC PLANT (Co | ntinued) | • | |
| | C. Factors Used in E | stimat | ting Depreciation Cha | arges | | | | |
| Line No. | Account No. Account No. Plant Base (In Thousands (b) | | Estimated Avg. Service Life (c) | Net Salvage (Percent) (d) | Applied Depr. rates (Percent) (e) | C T | rtality urve ype (f) | Average Remaining Life (g) |
| 12 | Steam: | | (0) | (4) | (0) | | (-) | (3/ |
| 13 | Land Rights | 2,014 | | | | | | |
| 14 | Other 6,46 | 7,376 | | | | | | |
| 15 | Subtotal: 6,46 | 9,390 | | | | | | |
| 16 | | | | | | | | |
| 17 | Nuclear: | | | | | | | |
| 18 | Land Rights | 957 | | | | | | |
| 19 | Other 8,15 | 0,180 | | | | | | |
| 20 | Subtotal: 8,15 | 1,137 | | | | | | |
| 21 | | | | | | | | |
| 22 | Hydro: | | | | | | | |
| 23 | Land Rights 2 | 3,590 | | | | | | |
| 24 | Other 2,03 | 3,682 | | | | | | |
| 25 | Subtotal: 2,06 | 2,272 | | | | | | |
| 26 | | | | | | | | |
| | Other Production: | | | | | | | |
| | | 8,897 | | | | | | |
| 29 | Solar 2 | 9,306 | | | | | | |
| 30 | Subtotal: 2,36 | 3,203 | | | | | | |
| 31 | | | | | | | | |
| 32 | Transmission: | | | | | | | |
| | _ | 1,662 | | | | | | |
| | | 5,314 | | | | | | |
| | Subtotal: 3,52 | 6,976 | | | | | | |
| 36 | | | | | | | | |
| | Distribution: | | | | | | | |
| | _ | 9,365 | | | | | | |
| | Other 10,63 | | | | | | | |
| | Subtotal: 10,63 | 9,678 | | | | | | |
| 41 | | | | | | | | |
| | General: | | | | | | | |
| | | 6,495 | | | | | | |
| | | 0,422 | | | | | | |
| | | 6,917 | | | | | | |
| | Total 34,05 | 4,573 | | | | | | |
| 47 | | | | | | | | |
| 48 | | | | | | | | |
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| Name | e of Respondent | | Report Is: X An Original | Date of Repor (Mo, Da, Yr) | | Period of Report |
|---------------|---|-------------|--|----------------------------------|--|--|
| Duke | Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End o | f 2016/Q4 |
| | R | EGULA | TORY COMMISSION EXP | ENSES | <u> </u> | |
| being 2. R | eport particulars (details) of regulatory comm g amortized) relating to format cases before a eport in columns (b) and (c), only the current rred in previous years. | a regul | atory body, or cases in w | hich such a body w | as a party. | - |
| Line No. | Description (Furnish name of regulatory commission or bod docket or case number and a description of the or (a) | y the case) | Assessed by Regulatory Commission (b) | Expenses of Utility (c) | Total Expense for Current Year (b) + (c) (d) | Deferred in Account 182.3 at Beginning of Year (e) |
| | North Carolina Utilities Commission: | | | | | |
| 2 | NCUC Regulatory Fee - Electric | | 7,119,361 | | 7,119,361 | |
| 3 | Coal Ash Management Commission Fee per N Senate Bill 729 | NC . | 704 005 | | 704 995 | |
| 5 | Docket E-7, Sub 989 | | 701,885 | 247,000 | 701,885 247,000 | 1,242,666 |
| 6 | Docket E-7, Sub 909 Docket E-7, Sub 1029 | | | 210,000 | 210,000 | |
| 7 | Docket M-100, Sub 142 | | | -1,221,728 | -1,221,728 | 398,635 |
| 8 | | | | | | |
| 9 | | | | | | |
| | Public Service Commission of South Carolina: | | | | | |
| 11 | SC PSC Fees | | 2,451,049 | | 2,451,049 | |
| 12 | Docket 2009-226-E | | | 10,133 | 10,133 | 191,037 |
| 13 14 | Docket 2011-271-E Docket 2003-59-E | | | 15,945 5,000 | 15,945 5,000 | 403,098 659,998 |
| 15 | Docket 2003-39-L Docket 2015-362-E | | | 3,000 | 3,000 | 039,990 |
| 16 | 2 000.00, 20 10 002 2 | | | | | |
| 17 | | | | | | |
| 18 | Federal Energy Regulatory Commission: | | | | | |
| 19 | Annual FERC Billing | | 2,546,053 | | 2,546,053 | |
| 20 | | | | | | |
| 21 | | | | | | |
| 22 23 | | | | | | |
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| | | | | | | |
| 46 | TOTAL | | 12,818,348 | -733,650 | 12,084,698 | 4,001,806 |

| Name of Respondent Duke Energy Carolinas, LLC | | This Report Is: (1) X An Original (2) A Resubmission | | | Date of Report (Mo, Da, Yr) 04/13/2017 Year/Period of Report End of 2016/Q4 | | | | |
|--|-----------------|--|---------|-------------------|---|---|-----------|---------------------------|----------|
| | | REG | | DRY COMMISSION EX | PENSES (| | | | |
| |), (g), and (h) | expenses incurre | ed duri | - | | d. List in column (a) thurrently to income, pla | - | | ١. |
| EXPEN | ISES INCLIRRE | ED DURING YEAR | | | | AMORTIZED DURIN | G YEAR | | |
| | ENTLY CHARG | | | Deferred to | Contra | | | eferred in count 182.3 | Line |
| Department | Account No. | Amount | | Account 182.3 | Account | t | Acc Er | nd of Year | No. |
| (f) | (g) | (h) | | (i) | (j) | (k) | | (l) | 1 |
| Electric | 928 | 7,11 | 19,361 | | | | | | 2 |
| | | | | | | | | | 3 |
| lectric | 928 | 70 |)1,885 | | | | | | 4 |
| | | | | | | 247, 210, | | 995,666 896,372 | |
| Electric | 928 | -1 22 | 21,728 | 1,221,728 | | 210, | 000 | 1,620,363 | |
| | 020 | ., | .,0 | .,, | | | | .,020,000 | 8 |
| | | | | | | | | | 9 |
| | | | | | | | | | 10 |
| Electric | 928 | 2,45 | 51,049 | | | 10 | 133 | 180,904 | 11 12 |
| | | | | | | | 945 | 387,153 | |
| Electric | 186 | | 8,333 | 8,333 | | | 000 | 663,331 | - |
| | | | | , | | | | , | 15 |
| | | | | | | | | | 16 |
| | | | | | | | | | 17 |
| 'le atri e | 020 | 2.54 | 10.050 | | | | | | 18 |
| Electric | 928 | 2,52 | 16,053 | | | | | | 19 20 |
| | | | | | | | | | 21 |
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| | | | | | | | | | |
| | | 11,60 | 04,953 | 1,230,061 | | 488, | 078 | 4,743,789 | 46 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

| Sc | hedu | ile Page: 350 | Line No.: 6 | Column: e | |
|----|------|---------------|-------------|-----------|--|
| | | 1.61 | | | |

Reclassification of \$58 between NC and SC to tie to working trial balance.

Schedule Page: 350 Line No.: 7 Column: e

Balance for Docket M-100, Sub 142 was omitted in error in 2015 filing.

Schedule Page: 350 Line No.: 13 Column: e
Reclassification of \$58 between NC and SC to tie to working trial balance.

| Name of Respondent This Rep | | | | ls: Original | Date of Report (Mo, Da, Yr) | Year/Period of Report | | |
|-----------------------------|--|------------------------------|-----------------------------------|--|--|-------------------------------|--|--|
| Duke | Energy Carolinas, LLC | (1) | | Original Resubmission | 04/13/2017 | End of | | |
| | RESEAR | CH, D | EVELC | PMENT, AND DEMONS | TRATION ACTIVITIES | | | |
| D) pro recipion | escribe and show below costs incurred and accound pject initiated, continued or concluded during the yent regardless of affiliation.) For any R, D & D works (See definition of research, development, and dedicate in column (a) the applicable classification, a | /ear. F rk carri emons | Report a ied with tration i | also support given to othe others, show separately in Uniform System of Acc | rs during the year for jointly the respondent's cost for th | -sponsored projects (Identify | | |
| Class | ifications: | | | | | | | |
| | ectric R, D & D Performed Internally: | | a. (| Overhead | | | | |
| (1) (| Generation | | b. I | Underground | | | | |
| | hydroelectric | ` ' | Distribu | | kat Onevetien | | | |
| | Recreation fish and wildlife Other hydroelectric | | _ | al Transmission and Marl nment (other than equipm | | | | |
| b. | Fossil-fuel steam | | | Classify and include item | | | | |
| | Internal combustion or gas turbine | | | Cost Incurred | | | | |
| | Nuclear Unconventional generation | | | R, D & D Performed External R | ernally: al Research Council or the | Flectric | | |
| | Siting and heat rejection | , , | | Research Institute | ar rescaron soundi or the | Licotio | | |
| (2) T | ransmission | | | 1 | | | | |
| Line | Classification | | | | Description | | | |
| No. | (a) | | | | (b) | | | |
| _ | A. Electric R, D & D Performed Internally: | | | December 9 Developmen | nt Administration Costs | | | |
| 3 | (3) Distribution: | | | Research & Developme | ource Management System | | | |
| 4 | | | | Distributed Effergy Rest | Durce Management System | | | |
| | (6) Other: | | | Others (less than \$50K | each) | | | |
| 6 | (o) Guier. | | | Curero (1656 trial) poort | | | | |
| 7 | (7) Total Cost Incurred | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | B. Electric R,D & D Performed Externally: | | | | | | | |
| 11 | (1) Research Support to: | | | | | | | |
| 12 | Electric Power Research Institute | | | Electric Power Research | · · · · · · · · · · · · · · · · · · · | | | |
| 13 | | | | EPRI Nuclear Co-Funds | | | | |
| 14 | (1) D | | | Others (less than \$50K | each) | | | |
| — | (4) Research Support to Others | | | Alternative Energy (Adv | anand Energy Dage \ | | | |
| 16 17 | | | | Alternative Energy (Adva | | | | |
| 18 | | | | Centre for Energy Advancement through Technological Innovation Clemson University | | | | |
| 19 | | | | Georgia Tech Research Corporation | | | | |
| 20 | | | | University of North Carolina | | | | |
| 21 | | | | Others (less than \$50K | | | | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | (5) Total Cost Incurred | | | | | | | |
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| Name of Respondent | | This Rep | | Date of Report | Year/Period of Repo | |
|---|---|--|---|--|--|----------|
| Duke Energy Carolinas, | | (2) | An Original A Resubmission | (Mo, Da, Yr) 04/13/2017 | End of2016/Q- | <u>4</u> |
| | | VELOPME | ENT, AND DEMONSTRA | TION ACTIVITIES (Continue | d) | |
| (3) Research Support to(4) Research Support to(5) Total Cost Incurred | | iternally ar | nd in column (d) those ite | ems performed outside the con | npany costing \$50,000 or | more, |
| Group items under \$50,0 D activity. | cific area of R, D & D (such as 00 by classifications and indica e account number charged wit | ate the nur | mber of items grouped. L | Under Other, (A (6) and B (4)) | classify items by type of R | l, D & |
| listing Account 107, Cons 5. Show in column (g) the Development, and Demo | struction Work in Progress, firs e total unamortized accumulat nstration Expenditures, Outsta | t. Show in ing of cost nding at th | column (f) the amounts is of projects. This total note end of the year. | related to the account charged nust equal the balance in Acco | l in column (e) ount 188, Research, | |
| "Est." | segregated for R, D &D activi | | | or columns (c), (a), and (i) with | such amounts identified t | oy . |
| | I | I | | | Unamortized | 1 |
| Current Year | Costs Incurred Externally Current Year | | AMOUNTS CHARGED | | Accumulation | Line |
| Current Year (c) | Current Year (d) | | Account (e) | Amount (f) | (g) | No. |
| 187,474 | | | 930.2 | 187,474 | | 2 |
| 482 | | | 930.2 | 482 | | 3 |
| | | | | | | 4 |
| 7,060 | | | 930.2 | 7,060 | | 5 6 |
| 195,016 | | | | 195,016 | | 7 |
| | | | | 100,010 | | 8 |
| | | | | | | 10 |
| | | | | | | 11 |
| | 7,357,867 | | various | 7,357,867 | | 12 |
| | 1,306,942 | | various | 1,306,942 | | 13 |
| | 99,213 | | various | 99,213 | | 14 |
| | | | | | | 15 |
| | 2,052,536 | | 930.2 | 2,052,536 | | 16 |
| | 160,750 | | 930.2 | 160,750 | | 17 |
| | 80,000 | | 930.2 | 80,000 | | 18 |
| | 160,000 | | 930.2 | 160,000 | | 19 |
| | 89,567 | | 930.2 | 89,567 | | 20 |
| | -49,800 | | 930.2 | -49,800 | | 21 |
| | | | | | | 23 |
| | | | | | | 24 |
| | 11,257,075 | | | 11,257,075 | | 25 |
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| Name of Respondent Duke Energy Carolinas, LLC | | l (1) 区 An Original | | (Mo, D 04/13/2 | . , | Year/Period of Report End of2016/Q4 | | |
|--|--|---------------------|---|--------------------------------------|--|---|--|--|
| Jtility provio giving | rt below the distribution of total salaries and property Departments, Construction, Plant Removals ded. In determining this segregation of salary substantially correct results may be used. | wages for t | the year. Segregate amer Accounts, and enter s ges originally charged to | ounts orig uch amou o clearing | nts in the approp accounts, a metl | oriate lines and columns nod of approximation | | |
| ine No. | Classification (a) | | Direct Payr Distributio (b) | oll n | Allocation of Payroll charged to Clearing Account (c) | for Total its (d) | | |
| 1 | Electric | | | | (-) | (-) | | |
| 2 | Operation | | | | | | | |
| 3 | Production | | 344 | ,308,003 | | | | |
| 4 | Transmission | | 14 | ,278,390 | | | | |
| 5 | Regional Market | | | | | | | |
| 6 | Distribution | | 32 | 2,067,602 | | | | |
| 7 | Customer Accounts | | 30 | ,529,331 | | | | |
| 8 | Customer Service and Informational | | 8 | 3,926,914 | | | | |
| 9 | Sales | | 6 | 5,585,179 | | | | |
| 10 | Administrative and General | | | ,810,636 | | | | |
| 11 | TOTAL Operation (Enter Total of lines 3 thru 10) | | 622 | 2,506,055 | | | | |
| 12 | Maintenance | | | | | | | |
| 13 | Production | | | ,955,065 | | | | |
| 14 | Transmission | | 7 | ,950,557 | | | | |
| 15 | Regional Market | | | | | | | |
| 16 | Distribution | | 38 | 3,195,779 | | | | |
| 17 | Administrative and General | | | 568,621 | | | | |
| 18 | TOTAL Maintenance (Total of lines 13 thru 17) | | 286 | 6,670,022 | | | | |
| 19 | Total Operation and Maintenance | | | | | | | |
| 20 | Production (Enter Total of lines 3 and 13) | | 584 | ,263,068 | | | | |
| 21 | Transmission (Enter Total of lines 4 and 14) | | 22 | 2,228,947 | | | | |
| 22 | Regional Market (Enter Total of Lines 5 and 15) | | | | | | | |
| 23 | Distribution (Enter Total of lines 6 and 16) | | 70 | ,263,381 | | | | |
| 24 | Customer Accounts (Transcribe from line 7) | | 30 | ,529,331 | | | | |
| 25 | Customer Service and Informational (Transcribe | from line 8) | 8 | 3,926,914 | | | | |
| 26 | Sales (Transcribe from line 9) | | 6 | 5,585,179 | | | | |
| 27 | Administrative and General (Enter Total of lines 1 | 10 and 17) | 186 | 3,379,257 | | | | |
| 28 | TOTAL Oper. and Maint. (Total of lines 20 thru 2 | 7) | 909 | ,176,077 | 4,798 | 913,974,28 | | |
| 29 | Gas | | | | | | | |
| 30 | Operation | | | | | | | |
| | Production-Manufactured Gas | | | | | | | |
| | Production-Nat. Gas (Including Expl. and Dev.) | | | | | | | |
| | Other Gas Supply | | | | | | | |
| | Storage, LNG Terminaling and Processing | | | | | | | |
| | Transmission | | | | | | | |
| | Distribution | | | | | | | |
| 37 | Customer Accounts | | | | | | | |
| 38 | Customer Service and Informational | | | | | | | |
| | Sales | | | | | | | |
| | Administrative and General | | | | | | | |
| | TOTAL Operation (Enter Total of lines 31 thru 40 |) | | | | | | |
| 42 | Maintenance | | | | | | | |
| | Production-Manufactured Gas | | | | | | | |
| | Production-Natural Gas (Including Exploration an | d Developm | nent) | | | | | |
| | Other Gas Supply | | | | | | | |
| | Storage, LNG Terminaling and Processing | | | | | | | |
| 47 | Transmission | | | | | | | |
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| | e of Respondent | | An Original | | (Mo, E | Do Vr) | | ear/Period of Report nd of 2016/Q4 | |
|----------|--|----------|-------------|--------------|------------------------|--|-------------|---------------------------------------|--|
| Duke | e Energy Carolinas, LLC | · · | A Resubmiss | | 04/13/ | | LIIC | 101 | |
| | DIST | RIBUTION | OF SALARIE | S AND WAGE | S (Continu | ued) | | | |
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| | | | | | | | | | |
| Line | Classification | | | Direct Payro | oll | Allocation of Payroll charge Clearing Acco | of d for | Total | |
| No. | (a) | | | (b) | ' | Cléaring Acco | unts | (d) | |
| 48 | Distribution | | | · / | | | | | |
| 49 | Administrative and General | | | | | | | | |
| 50 | TOTAL Maint. (Enter Total of lines 43 thru 49) | | | | | | | | |
| 51 | Total Operation and Maintenance | 04 | 40) | | | | | | |
| 52 53 | Production-Manufactured Gas (Enter Total of lin Production-Natural Gas (Including Expl. and Dev | | | | | | | | |
| 54 | Other Gas Supply (Enter Total of lines 33 and 48 | , , | 165 32, | | | | | | |
| 55 | Storage, LNG Terminaling and Processing (Total | | 1 thru | | | | | | |
| 56 | Transmission (Lines 35 and 47) | | | | | | | | |
| 57 | Distribution (Lines 36 and 48) | | | | | | | | |
| 58 | Customer Accounts (Line 37) | | | | | | | | |
| 59 | Customer Service and Informational (Line 38) | | | | | | | | |
| 60 | Sales (Line 39) | | | | | | | | |
| 61 62 | Administrative and General (Lines 40 and 49) TOTAL Operation and Maint. (Total of lines 52 the second secon | hru 61) | | | | | | | |
| 63 | Other Utility Departments | 1114 01) | | | | | | | |
| 64 | Operation and Maintenance | | | | | | | | |
| 65 | TOTAL All Utility Dept. (Total of lines 28, 62, and | d 64) | | 909 | ,176,077 | 4,7 | 98,211 | 913,974,288 | |
| 66 | Utility Plant | | | | | | | | |
| 67 | Construction (By Utility Departments) | | | | | | | | |
| 68 | Electric Plant | | | 195 | ,782,464 | 20,3 | 16,476 | 216,098,940 | |
| 69 | Gas Plant | | | | | | | | |
| 70 71 | Other (provide details in footnote): TOTAL Construction (Total of lines 68 thru 70) | | | 105 | ,782,464 | 20.3 | 16,476 | 216,098,940 | |
| 72 | Plant Removal (By Utility Departments) | | | 190 | ,702,404 | 20,3 | 10,470 | 210,090,940 | |
| 73 | Electric Plant | | | 25 | ,746,612 | | | 25,746,612 | |
| 74 | Gas Plant | | | | | | | | |
| 75 | Other (provide details in footnote): | | | | | | | | |
| 76 | TOTAL Plant Removal (Total of lines 73 thru 75) | | | 25 | ,746,612 | | | 25,746,612 | |
| 77 | Other Accounts (Specify, provide details in footn | iote): | | | | | | 0.000.044 | |
| 78 79 | Non-Regulated Products & Services Other Work in Progress | | | | 2,982,944 | | | 2,982,944 2,645,443 | |
| 80 | Other Accounts | | | | 2,542,699 | | | 2,542,699 | |
| 81 | Other Accounts | | | | .,042,000 | | | 2,042,000 | |
| 82 | | | | | | | | | |
| 83 | | | | | | | | | |
| 84 | | | | | | | | | |
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| 92 | | | | | | | | | |
| 93 | | | | | | | | | |
| 94 | TOTAL Other Assessed | | | | 474 000 | | | 0.171.000 | |
| 95 96 | TOTAL Other Accounts TOTAL SALARIES AND WAGES | | | | 3,171,086 3,876,239 | 25.4 | 14,687 | 8,171,086 1,163,990,926 | |
| 90 | TOTAL SALANILS AND WAGES | | | 1,138 | ,010,238 | 20,1 | 14,007 | 1,103,990,926 | |
| | | | | | | | | | |
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| Name of Respondent | This Rep | | Date of Report (Mo, Da, Yr) | Year/Period of Repo | | | | | | |
|--|----------|-------------------------------|--------------------------------|---------------------|---------|--|--|--|--|--|
| Duke Energy Carolinas, LLC | • • — | An Original A Resubmission | 04/13/2017 | End of _ | 2016/Q4 | | | | | |
| | COMMON (| | PENSES | | | | | | | |
| 1. Describe the property carried in the utility's accounts as common utility plant and show the book cost of such plant at end of year classified by accounts as provided by Plant Instruction 13, Common Utility Plant, of the Uniform System of Accounts. Also show the allocation of such plant costs to the respective departments using the common utility plant and explain the basis of allocation used, giving the allocation factors. 2. Furnish the accumulated provisions for depreciation and amortization at end of year, showing the amounts and classifications of such accumulated provisions, and amounts allocated to utility departments using the Common utility plant to which such accumulated provisions relate, including explanation of basis of allocation and factors used. 3. Give for the year the expenses of operation, maintenance, rents, depreciation, and amortization for common utility plant classified by accounts as provided by the Uniform System of Accounts. Show the allocation of such expenses to the departments using the common utility plant to which such expenses are related. Explain the basis of allocation used and give the factors of allocation. 3. Give date of approval by the Commission for use of the common utility plant classification and reference to order of the Commission or other authorization. | | | | | | | | | | |
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| Name of Respondent Duke Energy Carolinas, LLC | | This Report Is: (1) X An Original | Date of (Mo, Da | n, Yr) End o | Period of Report 2016/Q4 | |
|---|--|-----------------------------------|-------------------|-------------------|-----------------------------|--|
| | | (2) A Resubmission 04/13/2017 | | | | |
| AMOUNTS INCLUDED IN ISO/RTO SETTLEMENT STATEMENTS | | | | | | |
| 1. The respondent shall report below the details called for concerning amounts it recorded in Account 555, Purchase Power, and Account 447, Sales for Resale, for items shown on ISO/RTO Settlement Statements. Transactions should be separately netted for each ISO/RTO administered energy market for purposes of determining whether an entity is a net seller or purchaser in a given hour. Net megawatt hours are to be used as the basis for determining whether a net purchase or sale has occurred. In each monthly reporting period, the hourly sale and purchase net amounts are to be aggregated and separately reported in Account 447, Sales for Resale, or Account 555, Purchased Power, respectively. | | | | | | |
| Line | Description of Item(s) | Balance at End of | Balance at End of | Balance at End of | Balance at End of | |
| No. | (a) | Quarter 1 (b) | Quarter 2 (c) | Quarter 3 (d) | Year (e) | |
| 1 | Energy | (6) | (6) | (u) | (e) | |
| 2 | Net Purchases (Account 555) | 338,370 | 431,099 | 9,988,847 | 13,174,604 | |
| 3 | Net Sales (Account 447) | 58,033 | 241,922 | 244,277 | 693,158 | |
| - | Transmission Rights | | | | | |
| | Ancillary Services Other Items (list separately) | | | | | |
| 7 | Other items (list separatery) | | | | | |
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| 45 | | | | | | |
| | | | | | | |
| 46 | TOTAL | 396,403 | 673,021 | 10,233,124 | 13,867,762 | |

| lam | ne of Respondent | (1) | Report Is: X An Original | | (Mo, Da, Yr) | | eriod of Report |
|--------------|--|----------------------|------------------------------|-----------------------|----------------------|------------------|------------------|
| Duk | te Energy Carolinas, LLC | (2) | A Resubmis | | 04/13/2017 | End of | 2016/Q4 |
| | | PURCHAS | ES AND SALES | OF ANCILLARY SE | ERVICES | • | |
| | ort the amounts for each type of an condents Open Access Transmission | | own in columr | n (a) for the year a | s specified in Orde | er No. 888 and | d defined in the |
| n co | olumns for usage, report usage-rela | ted billing deterr | ninant and the | unit of measure. | | | |
| 1) (| On line 1 columns (b), (c), (d), (e), (f | f) and (g) report | he amount of | ancillary services | purchased and so | d during the y | /ear. |
| | On line 2 columns (b) (c), (d), (e), (f) and the year. |), and (g) report | he amount of | reactive supply an | d voltage control s | services purch | nased and sold |
| - | On line 3 columns (b) (c), (d), (e), (f) ng the year. |), and (g) report | he amount of | regulation and free | quency response s | services purch | nased and sold |
| 1) (| On line 4 columns (b), (c), (d), (e), (| f), and (g) report | the amount of | f energy imbalance | e services purchas | ed and sold d | uring the year. |
| | On lines 5 and 6, columns (b), (c), (c) thased and sold during the period. | d), (e), (f), and (o |) report the ar | mount of operating | reserve spinning | and suppleme | ent services |
| 3) (| On line 7 columns (b), (c), (d), (e), (1 | f), and (g) report | the total amou | unt of all other type | es ancillary service | s purchased | or sold during |
| | year. Include in a footnote and spec | | | | | - | or conditioning |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | Amoun | : Purchased for t | the Year | Amo | unt Sold for the | Year |
| | | Usage - | Related Billing [| Determinant | Usage - | Related Billing | Determinant |
| 1 | | <u> </u> | Unit of | | | Unit of | |
| ne | Type of Ancillary Service | Number of Units | | Dollars | Number of Units | Measure | Dollars |
| ο. | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| - | Scheduling, System Control and Dispatch | | | 156,625 | | | 2,071,28 |
| 2 | Reactive Supply and Voltage | 30,68 | 0 MWH | 137,097 | 9,637,303 | MWH | 7,540,9 |
| 3 | Regulation and Frequency Response | | | | | | 483,67 |
| - | Energy Imbalance | 14,237,29 | 9 MWH | 1,348,120 | 14,270,074 | MWH | 586,39 |
| 5 | Operating Reserve - Spinning | | | | | | 1,295,58 |
| 6 | Operating Reserve - Supplement | | | | | | 1,295,58 |
| - | Other | | <mark>0</mark> MWH | 2,097,991 | 37,277 | MWH | 596,72 |
| 8 | Total (Lines 1 thru 7) | 14,848,81 | 9 | 3,739,833 | 23,944,654 | | 13,870,23 |
| | | | | | | | |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | |
|----------------------------|----------------------|----------------|-----------------------|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | - | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | |
| | FOOTNOTE DATA | | | | | |

Schedule Page: 398 Line No.: 1 Column: g

\$531,048, is based upon \$/MWH and \$9,637,303 MWH. The remainder is based upon Load Ratio Share (LRS) calculation. The LRS calculation uses a twelve month rolling average for coincidental peak demand.

Schedule Page: 398 Line No.: 2 Column: g

\$3,168,053 is based upon \$/MWH and 9,637,303 MWH. The remainder is based upon Load Ratio Share (LRS) calculation. The LRS calculation uses a twelve month rolling average from coincidental peak demand.

Schedule Page: 398 Line No.: 3 Column: g

The dollars are based upon a Load Ratio Share (LRS) calculation. The LRS calculation uses a twelve month rolling average for coincidental peak demand.

Schedule Page: 398 Line No.: 4 Column: b

Energy Imbalance is also reported on FERC Form 1 pages 326-327.

Schedule Page: 398 Line No.: 4 Column: d

Energy Imbalance is also reported on FERC Form 1 pages 326-327.

Schedule Page: 398 Line No.: 4 Column: e

Energy Imbalance is also reported on FERC Form 1, pages 326-327.

Schedule Page: 398 Line No.: 4 Column: g

Energy Imbalance is also reported on FERC Form 1, pages 326-327.

Schedule Page: 398 Line No.: 5 Column: g

The dollars are based upon a Load Ratio Share (LRS) calculation. The LRS calculation uses a twelve month rolling average for coincidental peak demand.

Schedule Page: 398 Line No.: 6 Column: g

The dollars are based upon a Load Ratio Share (LRS) calculation. The LRS calculation uses a twelve month rolling average for coincidental peak demand.

Schedule Page: 398 Line No.: 7 Column: b

The number of units represent Generator Imbalance purchased from Broad River Energy Center, Cargill-Alliant, LLC, North Carolina Municipal Power Agency 1, Piedmont Municipal Power Agency, Southern Power Company - Rowan Plant, Southern Power Company - Cleveland Plant, and PJM settlements, Inc. The number of units are also reported on FERC Form 1, pages 326-327.

Schedule Page: 398 Line No.: 7 Column: d

The dollars represents Generator Imbalance purchased from Broad River Energy Center, Cargill-Alliant, LLC, North Carolina Municipal Power Agency 1, Piedmont Municipal Power Agency, Southern Power Plant - Rowan Plant, Southern Power Plant - Cleveland Plant. Also, included in this amount are PJM black start services, PJM balancing operating reserves, adn PJM load response.

Schedule Page: 398 Line No.: 7 Column: e

The number of units represents Generator Imbalance and Sales to PJM Settlements, Inc. The number of units are also reported on FERC Form 1, pages 310-311.

Schedule Page: 398 Line No.: 7 Column: g

The dollars represents Generator Imbalance and PJM balancing operating reserve.

| Nam | lame of Respondent | | | | This Report Is | | Date o | f Report | Year/Period o | f Report |
|----------------------------------|---|--|---|--|--|---|---|-------------------------------------|--|------------------|
| Duk | e Energy Caroli | inas, LLC | | | (1) X An C (2) A Re | riginal submission | (Mo, D 04/13/2 | | End of 2 | 2016/Q4 |
| | | | | М | | | STEM PEAK LOAD | | | |
| integ (2) R (3) R (4) R | rated, furnish the Report on Colum Report on Colum Report on Colum | ne required inform on (b) by month th ons (c) and (d) th | nation for one transmine specified by month | ndent's treach nor ession sy d informa | ransmission sys n-integrated sysi stem's peak load ation for each m | tem. If the respo tem. d. onthly transmiss | ondent has two or n sion - system peak att load by statistica | load reported or | n Column (b). | |
| NAM | IE OF SYSTEM | 1: | | | | | | | | |
| Line No. | Month | Monthly Peak MW - Total | Day of Monthly Peak | Hour of Monthly Peak | Firm Network Service for Self | Firm Network Service for Others | Long-Term Firm Point-to-point Reservations | Other Long- Term Firm Service | Short-Term Firm Point-to-point Reservation | Other Service |
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) |
| 1 | January | 21,892 | 19 | | 14,259 | 4,421 | 2,114 | | 1,098 | |
| 2 | February | 20,983 | 11 | 8 | 13,586 | 4,182 | 2,114 | | 1,101 | |
| 3 | March | 17,091 | 3 | 8 | 11,728 | 3,099 | 2,114 | | 150 | |
| 4 | Total for Quarter 1 | | | | 39,573 | 11,702 | 6,342 | | 2,349 | |
| 5 | April | 17,433 | 28 | 17 | 11,615 | 3,230 | 2,114 | | 474 | |
| 6 | May | 18,750 | 31 | 16 | 12,477 | 3,634 | 2,114 | | 525 | |
| 7 | June | 22,077 | 22 | 17 | 14,224 | 4,459 | 2,514 | | 880 | |
| 8 | Total for Quarter 2 | | | | 38,316 | 11,323 | 6,742 | | 1,879 | |
| 9 | July | 23,622 | 27 | 17 | 15,868 | 4,740 | 2,514 | | 500 | |
| 10 | August | 22,946 | 15 | 17 | 15,374 | 4,522 | 2,514 | | 536 | |
| 11 | September | 21,328 | 8 | 17 | 13,986 | 4,293 | 2,314 | | 735 | |
| 12 | Total for Quarter 3 | | | | 45,228 | 13,555 | 7,342 | | 1,771 | |
| 13 | October | 17,574 | 19 | 17 | 11,559 | 3,294 | 2,360 | | 361 | |
| 14 | November | 17,120 | 22 | 8 | 11,300 | 3,246 | 2,314 | | 260 | |
| 15 | December | 20,045 | 16 | 8 | 12,001 | 3,993 | 2,314 | | 1,737 | |
| 16 | Total for Quarter 4 | | | | 34,860 | 10,533 | 6,988 | | 2,358 | |
| 17 | Total Year to Date/Year | | | | 157,977 | 47,113 | 27,414 | | 8,357 | |
| | | | | | | | | | | |
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| Nam | Name of Respondent | | | This Report Is | | | Date of Report (Mo, Da, Yr) | | Year/Period of Report | | |
|---|---|---|---|--|--|--|--------------------------------|--------------------|--------------------------|---|-------------|
| Duk | e Energy Caroli | nas, LLC | | | (1) X An ((2) A Re | original esubmission | | (IVIO, L 04/13/ | | End of | 2016/Q4 |
| | | | | MONTI | ı ` ´ 🗀 | TRANSMISSION | I SYSTE | | | <u> </u> | |
| integ (2) F (3) F (4) F Colu (5) A | grated, furnish the seport on Colum seport on Colum seport on Colum mn (g) are to be smounts reported | ne required inform on (b) by month the on (c) and (d) the ons (e) through (i) de excluded from the od in Column (j) fo | nation for he transmin specified by monther those amo | each non ission systemation in the systematic contraction is systematic contraction. | n-integrated system's peak loaten for each motern's transmissorted in Column | stem. nd. onthly transmissio sion usage by cla ns (e) and (f). | on - syste | em peak k | oad reported on | stems which are n Column (b). Through and Out S | |
| INAIV | IE OF SYSTEM | | | Π | | ļ | | | | | |
| Line No. | Month | Monthly Peak MW - Total | Day of Monthly Peak | Hour of Monthly Peak | Imports into ISO/RTO | Exports from ISO/RTO | | gh and Service | Network Service Usage | Point-to-Point Service Usage | Total Usage |
| | (a) | (b) | (c) | (d) | (e) | (f) | (9 | g) | (h) | (i) | (j) |
| 1 | 1 January | | | | | | | | | | |
| 2 February | | | | | | | | | | | |
| 3 | March | | | | | | | | | | |
| 4 | Total for Quarter 1 | | | | | | | | | | |
| | April | | | | | | | | | | |
| 6 | May | | | | | | | | | | |
| 7 | June | | | | | | | | | | |
| 8 | Total for Quarter 2 | | | | | | | | | | |
| 9 | July | | | | | | | | | | |
| 10 | August | | | | | | | | | | |
| 11 | September | | | | | | | | | | |
| 12 | Total for Quarter 3 | | | | | | | | | | |
| 13 | October | | | | | | | | | | |
| 14 | November | | | | | | | | | | |
| 15 | December | | | | | | | | | | |
| 16 | Total for Quarter 4 | | | | | | | | | | |
| 17 | Total Year to Date/Year | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | <u> </u> | | | | | |

| | e of Respondent | This Report Is: (1) XAn Origina | ı | | Date of Report (Mo, Da, Yr) | | ear/Period of Report |
|------|--|---------------------------------|--------|-------------|--------------------------------|--------|-------------------------|
| Duke | Energy Carolinas, LLC | (2) A Resubm | | | 04/13/2017 | En | nd of2016/Q4 |
| | | ELECTRIC EN | NERG' | Y ACCOUN | Т | | |
| Re | port below the information called for concerning | ng the disposition of electr | ic ene | rgy generat | ed, purchased, exchanged | and wh | neeled during the year. |
| Line | ltem | MegaWatt Hours | Line | | Item | | MegaWatt Hours |
| No. | (a) | (b) | No. | | (a) | | (b) |
| 1 | SOURCES OF ENERGY | | 21 | DISPOSIT | ION OF ENERGY | | |
| 2 | Generation (Excluding Station Use): | | 22 | Sales to UI | timate Consumers (Includir | ng | 79,462,909 |
| 3 | Steam | 25,886,775 | | Interdepart | mental Sales) | | |
| 4 | Nuclear | 44,825,575 | 23 | Requireme | ents Sales for Resale (See | | 7,605,263 |
| 5 | Hydro-Conventional | 1,598,144 | | instruction | 4, page 311.) | | |
| 6 | Hydro-Pumped Storage | 3,439,693 | | · · | rements Sales for Resale (| See | 1,476,543 |
| 7 | Other | 11,360,858 | | | 4, page 311.) | | |
| 8 | Less Energy for Pumping | 4,215,690 | | | rnished Without Charge | | |
| 9 | Net Generation (Enter Total of lines 3 | 82,895,355 | 26 | | ed by the Company (Electri | С | 159,149 |
| | through 8) | | | | Excluding Station Use) | | . = 2 2 2 2 2 |
| 10 | Purchases | 10,288,097 | | Total Energ | | | 4,782,092 |
| | Power Exchanges: | | 28 | , | nter Total of Lines 22 Throu | gh | 93,485,956 |
| 12 | Received | 8,031,061 | | 27) (MUST | EQUAL LINE 20) | | |
| | Delivered | 7,879,130 | | | | | |
| 14 | Net Exchanges (Line 12 minus line 13) | 151,931 | | | | | |
| 15 | Transmission For Other (Wheeling) | | | | | | |
| 16 | Received | 36,971,944 | | | | | |
| 17 | Delivered | 36,821,371 | | | | | |
| | Net Transmission for Other (Line 16 minus line 17) | 150,573 | | | | | |
| 19 | Transmission By Others Losses | | | | | | |
| | TOTAL (Enter Total of lines 9, 10, 14, 18 and 19) | 93,485,956 | | | | | |
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| Nam | e of Respondent | | This Report Is: Date of Report Year/Period of Report (Mo, Da, Yr) Find of 2016/ | | | | |
|----------------------------------|--|---|---|--|-------------------------|-------------|--|
| Duk | e Energy Carolina | as, LLC | (2) A Resubmission | 04/13/2017 | End of | 2016/Q4 | |
| | | | MONTHLY PEAKS AN | D ОИТРÚТ | 1 | | |
| infor 2. Ro 3. Ro 4. Ro | mation for each neport in column (beport in column (coport in column (coport in column (coport in column (column (colu | peak load and energy output. If on- integrated system. b) by month the system's output it c) by month the non-requirement d) by month the system's monthly e) and (f) the specified informatio | in Megawatt hours for each mo s sales for resale. Include in th y maximum megawatt load (60 | onth. e monthly amounts any er minute integration) assoc | nergy losses associated | | |
| NAM Line No. | E OF SYSTEM: | Total Monthly Engrav | Monthly Non-Requirments Sales for Resale & | Magawatta (See Instr | MONTHLY PEAK | Hour | |
| INO. | Month Total Monthly Energy (a) (b) | | Associated Losses (c) | Megawatts (See Instr. (d) | Day of Month (e) | Hour (f) | |
| 29 | January | 8,499,984 | 127,995 | 17,0 | | 800 | |
| 30 | February | 7,643,536 | 135,434 | 16,2 | 61 11 | 800 | |
| 31 | March | 6,724,613 | 48,378 | 13,0 | 36 3 | 800 | |
| 32 | April | 6,528,823 | 55,091 | 13,2 | 08 28 | 1700 | |
| 33 | May | 7,039,856 | 21,692 | 14,3 | 25 31 | 1700 | |
| 34 | June | 8,420,899 | 40,063 | 16,6 | 66 22 | 1700 | |
| 35 | July | 9,442,858 | 89,441 | 18,0 | 22 27 | 1700 | |
| 36 | August | 9,381,503 | 149,061 | 17,4 | 76 15 | 1700 | |
| 37 | September | 8,174,017 | 172,042 | 16,2 | 41 8 | 1700 | |
| 38 | October | 6,954,345 | 283,730 | 13,0 | 86 19 | 1700 | |
| 39 | November | 6,788,395 | 113,033 | 12,9 | 21 22 | 800 | |
| 40 | December | 7,887,127 | 240,583 | 15,3 | 77 16 | 800 | |
| | | | | | | | |
| 41 | TOTAL | 93,485,956 | 1,476,543 | | | | |

| Name | e of Respondent | This Report Is | : Iriginal | | Date of Report | rt Year/Period of Report | | | |
|--|--|---|---|---|---|--|---|--|--|
| Duke | e Energy Carolinas, LLC | (1) X An C (2) | submission | | (Mo, Da, Yr) 04/13/2017 | | End of 2 | 016/Q4 | |
| | CTEAM EL | ` ' | | NIT OTATIO | | .4-) | | | |
| | | | | | STICS (Large Plar | | | | |
| this p as a j more therm per u | eport data for plant in Service only. 2. Large planage gas-turbine and internal combustion plants of oint facility. 4. If net peak demand for 60 minutes than one plant, report on line 11 the approximate a basis report the Btu content or the gas and the quit of fuel burned (Line 41) must be consistent with a burned in a plant furnish only the composite heat | 10,000 Kw or mes is not available average number uantity of fuel but a charges to exp | nore, and nuc e, give data v r of employee urned convert pense accoun | lear plants. vhich is ava es assignab ed to Mct. | Indicate by a ilable, specifying le to each plant. Quantities of | a footnote and period. 5. 6. If gas is fuel burned | ny plant leased If any employ used and pur (Line 38) and | d or operated ees attend chased on a average cost | |
| Line | ltem | | Plant | | | Plant | | | |
| No. | i.c.iii | | Name: Belev | vs Creek | | Name: Ma | arshall | | |
| | (a) | | | (b) | | | (c) | | |
| 1 | Kind of Plant (Internal Comb, Gas Turb, Nuclear | | | | Steam | | | Steam | |
| | Type of Constr (Conventional, Outdoor, Boiler, et | C) | | | Conventional | | | Conventional | |
| 3 | Year Originally Constructed | | | | 1974 | | | 1965 | |
| 4 | Year Last Unit was Installed | | | | 1975 | | | 1970 | |
| | Total Installed Cap (Max Gen Name Plate Rating | s-MW) | | | 2491.20 | | | 2119.00 | |
| | Net Peak Demand on Plant - MW (60 minutes) | | | | 2284 | | | 2074 | |
| | Plant Hours Connected to Load | | | | 7159 | | | 8777 | |
| | Net Continuous Plant Capability (Megawatts) | | | | 2220 | | | 2079 | |
| 10 | When Not Limited by Condenser Water When Limited by Condenser Water | | | | 2220 | | | 2078 2078 | |
| | Average Number of Employees | | | | 181 | | | 184 | |
| | Net Generation, Exclusive of Plant Use - KWh | | | | 10731176000 | | | 9754372000 | |
| | Cost of Plant: Land and Land Rights | | | | 21881889 | | 5749203 | | |
| 14 | Structures and Improvements | | | | 290032066 | | | 81845322 | |
| 15 | Equipment Costs | | 1674983296 | | | | | 1430927131 | |
| 16 | Asset Retirement Costs | | | | 319133069 | | | 304386182 | |
| 17 | Total Cost | | | | 2306030320 | | | 1822907838 | |
| 18 | Cost per KW of Installed Capacity (line 17/5) Inclu | uding | 925.6705 | | | | | 860.2680 | |
| 19 | Production Expenses: Oper, Supv, & Engr | | | | 5074441 | | | 4799649 | |
| 20 | Fuel | | | | 329443156 | | | 312201034 | |
| 21 | Coolants and Water (Nuclear Plants Only) | | | | 0 | | | 0 | |
| 22 | Steam Expenses | | | | 20714385 | | | 15900725 | |
| 23 | Steam From Other Sources | | | | 0 | | | | |
| 24 | Steam Transferred (Cr) | | | | 0 | - | | | |
| 25 | Electric Expenses | | | | 1598068 | | | | |
| 26 | Misc Steam (or Nuclear) Power Expenses | | | | 7678567 | 7 4672098 | | | |
| 27 | Rents | | | | 0 | | | | |
| 28 | Allowances | | | | 13554 | | | | |
| 29 30 | Maintenance Supervision and Engineering | | | | 4032406 | | | 4113364 | |
| 31 | Maintenance of Structures Maintenance of Boiler (or reactor) Plant | | | | 5222106 16135183 | | | 5545643 16265809 | |
| 32 | Maintenance of Electric Plant | | | | 4645488 | | | 12950778 | |
| 33 | Maintenance of Misc Steam (or Nuclear) Plant | | | | 1399171 | | | 1043012 | |
| 34 | Total Production Expenses | | | | 395956525 | | | 379713539 | |
| 35 | Expenses per Net KWh | | | | 0.0369 | | | 0.0389 | |
| | Fuel: Kind (Coal, Gas, Oil, or Nuclear) | | Coal | Oil | | Coal | Oil | | |
| 37 | Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indica | ate) | Tons | Barrels | | Tons | Barrels | | |
| 38 | Quantity (Units) of Fuel Burned | | 3967881 | 61822 | 0 | 3644319 | 37667 | 0 | |
| 39 | Avg Heat Cont - Fuel Burned (btu/indicate if nucl | ear) | 12356 | 137801 | 0 | 12316 | 137781 | 0 | |
| 40 | Avg Cost of Fuel/unit, as Delvd f.o.b. during year | | 76.310 | 60.220 | 0.000 | 79.160 | 60.900 | 0.000 | |
| 41 | Average Cost of Fuel per Unit Burned | | 81.500 | 59.307 | 0.000 | 83.990 | 60.874 | 0.000 | |
| 42 | Average Cost of Fuel Burned per Million BTU | | 3.298 | 10.247 | 0.000 | 3.410 | 10.519 | 0.000 | |
| 43 | Average Cost of Fuel Burned per KWh Net Gen | | 0.031 | 0.031 | 0.000 | 0.032 | 0.032 | 0.000 | |
| 44 | Average BTU per KWh Net Generation | | 9170.000 | 9170.000 | 0.000 | 9225.000 | 9225.000 | 0.000 | |
| | | | | | | | | | |

| Name | e of Respondent | This Report Is | eport Is: Date of Re ∏An Original (Mo, Da, Y | | | | | | |
|---|--|---|---|---|--|--|--|--|--|
| Duke | Energy Carolinas, LLC | | submission | | (MO, Da, 11) 04/13/2017 | | End of | 2016/Q4 | |
| | STEAM-ELECTRIC | GENERATING | PI ANT STA | TISTICS (I | arge Plants) (Cor | ntinued) | | | |
| this p as a j more therm per un | eport data for plant in Service only. 2. Large planage gas-turbine and internal combustion plants of oint facility. 4. If net peak demand for 60 minute than one plant, report on line 11 the approximate a basis report the Btu content or the gas and the quality of fuel burned (Line 41) must be consistent with a burned in a plant furnish only the composite heat | nts are steam pl 10,000 Kw or n es is not availabl average numbe uantity of fuel bu n charges to exp | lants with insomore, and nucle, give data or of employed arned conversense accour | talled capa clear plants which is av es assigna ted to Mct. | city (name plate ra . 3. Indicate by a ailable, specifying ble to each plant. 7. Quantities of | ting) of 2s a footnote period. 6. If gas fuel burn | e any plant lease 5. If any emplo s is used and pu ed (Line 38) and | ed or operated yees attend irchased on a d average cost | |
| iuci ic | burned in a plant farmon only the composite heat | rate for all facil | burrieu. | | | | | | |
| Line | Item | | Plant | | | Plant | | | |
| No. | | | Name: Dan | River | | | Dan River | | |
| | (a) | | | (b) | | | (c) | | |
| 1 | Kind of Plant (Internal Comb, Gas Turb, Nuclear | | | | Steam | | Com | bustion Turbine | |
| | Type of Constr (Conventional, Outdoor, Boiler, etc. | c) | | | Conventional | | | Conventional | |
| 3 | Year Originally Constructed | | | | 1949 | | | 1968 | |
| 4 | Year Last Unit was Installed | | | | 1955 | | | 1969 | |
| | Total Installed Cap (Max Gen Name Plate Ratings | s-MW) | | | 0.00 | | | 0.00 | |
| - | Net Peak Demand on Plant - MW (60 minutes) | | | | 0 | | | 0 | |
| | Plant Hours Connected to Load | | | | 0 | | | 0 | |
| 9 | Net Continuous Plant Capability (Megawatts) | | | | 0 | | | 0 | |
| 10 | When Not Limited by Condenser Water When Limited by Condenser Water | | | | 0 | | | 0 | |
| | Average Number of Employees | | | | 0 | | | 0 | |
| | Net Generation, Exclusive of Plant Use - KWh | | 0 | | | | | 0 | |
| - | Cost of Plant: Land and Land Rights | | 0 | | | | | 0 | |
| 14 | Structures and Improvements | | | | 0 | | | 0 | |
| 15 | Equipment Costs | | | | 0 | | | 0 | |
| 16 | Asset Retirement Costs | | | | -73989939 | | | 0 | |
| 17 | Total Cost | | | | -73989939 | | | 0 | |
| | Cost per KW of Installed Capacity (line 17/5) Inclu | uding | | | 0 | | | 0 | |
| | Production Expenses: Oper, Supv, & Engr | | 1042 | | | | | 0 | |
| 20 | Fuel | | | | 2702 | | | 0 | |
| 21 | Coolants and Water (Nuclear Plants Only) Steam Expenses | | 0 | | | | | | |
| 23 | Steam From Other Sources | | 43158 | | | | | | |
| 24 | Steam Transferred (Cr) | | | | 0 | | | | |
| 25 | Electric Expenses | | | | 0 | | | | |
| 26 | Misc Steam (or Nuclear) Power Expenses | | | | 1314180 | | | | |
| 27 | Rents | | | | 0 | | | | |
| 28 | Allowances | | | | 0 | | | 0 | |
| 29 | Maintenance Supervision and Engineering | | | | 2836 | | | 824 | |
| 30 | Maintenance of Structures | | | | -5874946 | 85 | | | |
| 31 | Maintenance of Boiler (or reactor) Plant | | | | 117 | | | 0 | |
| 32 | Maintenance of Electric Plant | | | | 1069 | | | 1539 | |
| 33 | Maintenance of Misc Steam (or Nuclear) Plant | | | | -5928 -4515770 | | | 0 4058 | |
| 35 | Total Production Expenses Expenses per Net KWh | | | | 0.0000 | | | 0.0000 | |
| | Fuel: Kind (Coal, Gas, Oil, or Nuclear) | | Coal | Oil | 0.0000 | Gas | Oil | 0.0000 | |
| 37 | Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indica | ate) | Tons | Barrels | | MCF | Barrels | | |
| 38 | Quantity (Units) of Fuel Burned | , | 0 | 0 | 0 | 0 | 0 | 0 | |
| 39 | Avg Heat Cont - Fuel Burned (btu/indicate if nucle | ear) | 0 | 0 | 0 | 0 | 0 | 0 | |
| 40 | Avg Cost of Fuel/unit, as Delvd f.o.b. during year | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| 41 | Average Cost of Fuel per Unit Burned | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| 42 | Average Cost of Fuel Burned per Million BTU | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| 43 | Average Cost of Fuel Burned per KWh Net Gen | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| 44 | Average BTU per KWh Net Generation | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| | | | | | | | | | |

| Name | e of Respondent | This Report Is (1) X An O | : riginal | | Date of Report | rt Year/Period of Report | | | |
|--|---|--|---|--|---|--|--|---|--|
| Duke | uke Energy Carolinas, LLC (1) (2) STEAM-ELECTRIC GE | | submission | | (Mo, Da, Yr) 04/13/2017 | | End of | 2016/Q4 | |
| | STEAM-FLECTRIC | ` | | ISTICS (Lar | rge Plants) (Con | ntinued) | | | |
| this p as a j more therm per u | eport data for plant in Service only. 2. Large planage gas-turbine and internal combustion plants of oint facility. 4. If net peak demand for 60 minute than one plant, report on line 11 the approximate a basis report the Btu content or the gas and the qualit of fuel burned (Line 41) must be consistent with a burned in a plant furnish only the composite heat | nts are steam pl 10,000 Kw or mes is not available average numbee uantity of fuel but n charges to exp | ants with instanore, and nucle, give data were of employee urned converteense account | alled capacitear plants. Thich is avaite assignable de to Mct. | 3. Indicate by a lable, specifying le to each plant. 7. Quantities of | ting) of 25,0 a footnote a period. 5. 6. If gas is fuel burned | ny plant lease If any employ used and pur (Line 38) and | d or operated vees attend rchased on a average cost | |
| Line | Item | | Plant | | | Plant | | | |
| No. | (a) | | Name: Buck | (b) | | Name: Bu | | | |
| | (a) | | | (b) | | | (c) | | |
| 1 | Kind of Plant (Internal Comb, Gas Turb, Nuclear | | | | Steam | | Comb | oustion Turbine | |
| 2 | Type of Constr (Conventional, Outdoor, Boiler, et | c) | | | Conventional | | | Conventional | |
| 3 | Year Originally Constructed | | | | 1953 | | | 1970 | |
| 4 | Year Last Unit was Installed | | | | 1953 | | | 1970 | |
| | Total Installed Cap (Max Gen Name Plate Ratings | s-MW) | | | 0.00 | | | 0.00 | |
| | Net Peak Demand on Plant - MW (60 minutes) Plant Hours Connected to Load | | | | 0 | | | 0 | |
| | Net Continuous Plant Capability (Megawatts) | | | | 0 | | | 0 | |
| 9 | When Not Limited by Condenser Water | | | | 0 | | | 0 | |
| 10 | When Limited by Condenser Water | | | | 0 | | | 0 | |
| 11 | Average Number of Employees | | | | 0 | | | 0 | |
| 12 | Net Generation, Exclusive of Plant Use - KWh | | | | 0 | | | 0 | |
| 13 | Cost of Plant: Land and Land Rights | | 0 | | | | | 0 | |
| 14 | Structures and Improvements | | | | 0 | | | 0 | |
| 15 | Equipment Costs | | | | 0 | | | 0 | |
| 16 | Asset Retirement Costs | | | | 79929798 | | | 0 | |
| 17 | Total Cost | ıdina | | | 79929798 0 | | | 0 | |
| _ | Cost per KW of Installed Capacity (line 17/5) Inclu Production Expenses: Oper, Supv, & Engr | ading | | | 1119 | | | 702169 | |
| 20 | Fuel | | | | 9160 | | | 0 | |
| 21 | Coolants and Water (Nuclear Plants Only) | | | | 0 | | | 0 | |
| 22 | Steam Expenses | | | | 458 | 3 | | | |
| 23 | Steam From Other Sources | | | | 0 | 0 0 | | | |
| 24 | Steam Transferred (Cr) | | | | 0 | 0 0 | | | |
| 25 | Electric Expenses | | | | 0 | , | | | |
| 26 | Misc Steam (or Nuclear) Power Expenses | | | | 247635 | | | | |
| 27 | Rents | | | | 0 | | | | |
| 28 | Allowances | | | | 0 | | | 0 | |
| 29 30 | Maintenance Supervision and Engineering Maintenance of Structures | | | | 417716 201043 | | | 1893 0 | |
| 31 | Maintenance of Boiler (or reactor) Plant | | | | 201043 | | | 0 | |
| 32 | Maintenance of Electric Plant | | | | 2270 | | | 9349 | |
| 33 | Maintenance of Misc Steam (or Nuclear) Plant | | | | 9421 | | | 0 | |
| 34 | Total Production Expenses | | | | 888822 | | | 713411 | |
| 35 | Expenses per Net KWh | | | | 0.0000 | | | 0.0000 | |
| 36 | Fuel: Kind (Coal, Gas, Oil, or Nuclear) | | Coal | Oil | | Gas | Oil | | |
| 37 | Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indica | ate) | Tons | Barrels | | MCF | Barrels | | |
| 38 | Quantity (Units) of Fuel Burned | | 0 | 0 | 0 | 0 | 0 | 0 | |
| 39 | Avg Cost of Fuel/unit on Dollyd fig. b. during year | | 0 | 0 | 0 000 | 0 000 | 0 000 | 0 | |
| 40 | Avg Cost of Fuel/unit, as Delvd f.o.b. during year Average Cost of Fuel per Unit Burned | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| 41 | Average Cost of Fuel Burned per Million BTU | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| 43 | Average Cost of Fuel Burned per KWh Net Gen | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| 44 | Average BTU per KWh Net Generation | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| | | | | | | | | | |

| Name | e of Respondent | This Report Is | | | Date of Report | ort Year/Period of Report | | | |
|---|--|---|--|---|---|--|--|--|--|
| Duke | Energy Carolinas, LLC | (1) X An C (2) A Re | submission | | (Mo, Da, Yr) 04/13/2017 | | End of2 | 016/Q4 | |
| | STEAM-ELECTRIC | GENERATING | PI ANT STAT | ISTICS (Lar | ge Plants) (Con | ntinued) | | | |
| this p as a j more therm per un | eport data for plant in Service only. 2. Large plant age gas-turbine and internal combustion plants of oint facility. 4. If net peak demand for 60 minute than one plant, report on line 11 the approximate a basis report the Btu content or the gas and the quint of fuel burned (Line 41) must be consistent with | nts are steam pl 10,000 Kw or n es is not availabl average numbe uantity of fuel bu n charges to exp | lants with instance, and nucle, give data wer of employee urned converted ense account | alled capacit ear plants. hich is avail s assignable ed to Mct. | 3. Indicate by a lable, specifying le to each plant. 7. Quantities of | ting) of 25,00 a footnote ar period. 5. 6. If gas is fuel burned | y plant leased If any employe used and pure (Line 38) and a | or operated ees attend chased on a average cost | |
| fuel is | s burned in a plant furnish only the composite heat | rate for all fuels | s burned. | | | | | | |
| Line | Item | | Plant | | | Plant | | | |
| No. | (a) | | Name: McGu | iire (b) | | Name: Ca | tawba (c) | | |
| | (3) | | | (~) | | | (0) | | |
| | Kind of Plant (Internal Comb, Gas Turb, Nuclear | | | | Nuclear | | | Nuclear | |
| | Type of Constr (Conventional, Outdoor, Boiler, et | c) | | | Conventional | | | Conventional | |
| | Year Originally Constructed | | | | 1981 | | | 1985 | |
| 4 | Year Last Unit was Installed | o M/M/ | | | 1984 | | | 1986 | |
| | Total Installed Cap (Max Gen Name Plate Rating: Net Peak Demand on Plant - MW (60 minutes) | 9-1VI V V) | | | 2440.60 2394 | | | 463.90 456 | |
| - | Plant Hours Connected to Load | | | | 8784 | | | 8784 | |
| | Net Continuous Plant Capability (Megawatts) | | | | 0 | | | 0 | |
| 9 | When Not Limited by Condenser Water | | | | 2386 | | | 453 | |
| 10 | When Limited by Condenser Water | | | | 2316 | | | 441 | |
| 11 | Average Number of Employees | | | | 1257 | | | 1094 | |
| 12 | Net Generation, Exclusive of Plant Use - KWh | | | | 19884289000 | | 3764183489 | | |
| - | Cost of Plant: Land and Land Rights | | | | 572795 | | | 779551 | |
| 14 | Structures and Improvements | | | | 685252617 | | | 239236905 | |
| 15 | Equipment Costs | | | | 2516512215 | | | 602652232 | |
| 16 17 | Asset Retirement Costs Total Cost | | | | -303637729 | | | -11991426 | |
| | Cost per KW of Installed Capacity (line 17/5) Inclu | ıdina | | | 2898699898 1187.6997 | | | 830677262 1790.6386 | |
| | Production Expenses: Oper, Supv, & Engr | durig | | | 22228723 | | | 3719090 | |
| 20 | Fuel | | | | 126582711 | | | 24892050 | |
| 21 | Coolants and Water (Nuclear Plants Only) | | | | 3680061 | | | 887112 | |
| 22 | Steam Expenses | | | | 25026649 | | | | |
| 23 | Steam From Other Sources | | | | 0 | 0 (| | | |
| 24 | Steam Transferred (Cr) | | | | 0 | * | | | |
| 25 | Electric Expenses | | | | 2763045 | | | | |
| 26 | Misc Steam (or Nuclear) Power Expenses | | | | 83532120 | | | | |
| 27 | Rents | | | | 0 | | | 0 | |
| 28 | Allowances | | | | 20267242 | | | 4636304 | |
| 29 30 | Maintenance Supervision and Engineering Maintenance of Structures | | | | 30267243 6282026 | | | 4636294 1823196 | |
| 31 | Maintenance of Boiler (or reactor) Plant | | | | 42947819 | | | 9034900 | |
| 32 | Maintenance of Electric Plant | | | | 28953378 | | | 5785165 | |
| 33 | Maintenance of Misc Steam (or Nuclear) Plant | | | | 18423923 | | | 5053029 | |
| 34 | Total Production Expenses | | | | 390687698 | | | 77331010 | |
| 35 | Expenses per Net KWh | | | | 0.0196 | | | 0.0205 | |
| | Fuel: Kind (Coal, Gas, Oil, or Nuclear) | | MBTUs | Nuclear | Grams of | MBTUs | Nuclear | Grams of | |
| 37 | Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indica | ate) | | | Uranium | | | Uranium | |
| 38 | Quantity (Units) of Fuel Burned |) | 199101000 | 0 | 3147959 | 37819000 | 0 | 595647 | |
| 39 | Avg Cost of Fuel/unit on Dollyd fig. b. during year | | 0 | 0 | 0 | 0 | 0 | 0 | |
| 40 | Avg Cost of Fuel/unit, as Delvd f.o.b. during year Average Cost of Fuel per Unit Burned | | 0.000 | 0.000 40.148 | 0.000 | 0.000 | 0.000 41.675 | 0.000 | |
| 41 | Average Cost of Fuel Burned per Million BTU | | 0.000 | 0.635 | 0.000 | 0.000 | 0.656 | 0.000 | |
| 43 | Average Cost of Fuel Burned per KWh Net Gen | | 0.000 | 0.006 | 0.000 | 0.000 | 0.007 | 0.000 | |
| 44 | Average BTU per KWh Net Generation | | 0.000 | 10013.000 | 0.000 | 0.000 | 10047.000 | 0.000 | |
| | | | | • | • | | | | |

| Name | e of Respondent | S: Original | | Date of Report | ort Year/Period of Report | | | |
|--|--|---|---|--|---|--|---|--|
| Duke | e Energy Carolinas, LLC | (1) X An ((2) | original esubmission | | (Mo, Da, Yr) 04/13/2017 | | End of | 2016/Q4 |
| | | _ · · | | | | | | |
| | STEAM-ELECTRIC | | | | - ' ' | | | |
| nis p is a j nore nerm ier u | eport data for plant in Service only. 2. Large plar age gas-turbine and internal combustion plants of oint facility. 4. If net peak demand for 60 minute than one plant, report on line 11 the approximate a basis report the Btu content or the gas and the quinit of fuel burned (Line 41) must be consistent with a burned in a plant furnish only the composite heat | 10,000 Kw or r s is not availab average numbe uantity of fuel b a charges to ex | more, and nuc le, give data ver of employee urned convert pense accoun | lear plants which is aves assigna ed to Mct. | s. 3. Indicate by a vailable, specifying ble to each plant. 7. Quantities of | a footnote period. 6. If gas fuel burne | e any plant leas 5. If any emplo s is used and p ed (Line 38) an | sed or operated oyees attend ourchased on a and average cost |
| ine | Item | | Plant | | | Plant | | |
| No. | | | Name: Dan I | River CC | | Name: | | |
| | (a) | | | (b) |) | | (c) | |
| | | | | | | | | |
| | Kind of Plant (Internal Comb, Gas Turb, Nuclear | -> | | | Combined Cycle | | | |
| | Type of Constr (Conventional, Outdoor, Boiler, etc | C) | | | Conventional | | | |
| | Year Originally Constructed Year Last Unit was Installed | | | | 2012 2012 | | | |
| - | Total Installed Cap (Max Gen Name Plate Ratings | =_M\M\) | | | 697.90 | | | 0.00 |
| | Net Peak Demand on Plant - MW (60 minutes) | 3-14144) | | | 719 | | | 0.00 |
| | Plant Hours Connected to Load | | | | 8250 | | | 0 |
| | Net Continuous Plant Capability (Megawatts) | | | | 0 | | | 0 |
| 9 | | | | | 706 | | | 0 |
| 10 | When Limited by Condenser Water | | | | 651 | | | 0 |
| 11 | Average Number of Employees | | | | 45 | | | 0 |
| 12 | Net Generation, Exclusive of Plant Use - KWh | | | | 4824316000 | | | 0 |
| 13 | Cost of Plant: Land and Land Rights | | 119364 | | | | | 0 |
| 14 | Structures and Improvements | | | | 143549392 | | | 0 |
| 15 | Equipment Costs | | | | 508901077 | | | 0 |
| 16 | Asset Retirement Costs | | | | 0 | | | 0 |
| 17 | Total Cost | | | | 652569833 | | | 0 |
| | Cost per KW of Installed Capacity (line 17/5) Inclu | ıding | 935.0478 | | | | | 0 |
| | Production Expenses: Oper, Supv, & Engr | | 1565887 | | | | | 0 |
| 20 | | | | | 115559915 | | | 0 |
| 21 | Coolants and Water (Nuclear Plants Only) | | | | 0 | | | 0 |
| 22 | Steam Expenses Steam From Other Sources | | | | | 0 | | |
| 24 | Steam Transferred (Cr) | | | | 0 | | | |
| 25 | Electric Expenses | | | | 1748448 | | | |
| 26 | Misc Steam (or Nuclear) Power Expenses | | | | 0 | | | |
| 27 | Rents | | | | 0 | | | 0 |
| 28 | Allowances | | | | 0 | | | 0 |
| 29 | Maintenance Supervision and Engineering | | | | 717258 | | | 0 |
| 30 | Maintenance of Structures | | | | 1304775 | | | 0 |
| 31 | Maintenance of Boiler (or reactor) Plant | | | | 0 | | | 0 |
| 32 | Maintenance of Electric Plant | | | | 4622999 | | | 0 |
| 33 | Maintenance of Misc Steam (or Nuclear) Plant | | | | 0 | | | 0 |
| 34 | Total Production Expenses | | | | 125519282 | | | 0 |
| 35 | Expenses per Net KWh | | _ | 1 | 0.0260 | | | 0.0000 |
| | Fuel: Kind (Coal, Gas, Oil, or Nuclear) | | Gas | Oil | | | | |
| 37 | Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indica | ite) | MCF | Barrels | | 0 | | |
| 38 | Quantity (Units) of Fuel Burned | | 33147760 | 0 | 0 | 0 | 0 | 0 |
| 39 | Avg Cost of Fuel/unit, as Delvid for hyduring year | | 1039 | 0 000 | 0 | 0 000 | 0 000 | 0.000 |
| 40 | Avg Cost of Fuel/unit, as Delvd f.o.b. during year Average Cost of Fuel per Unit Burned | | 3.485 3.485 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 | Average Cost of Fuel Burned per Million BTU | | 3.465 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 43 | | | 0.024 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 44 | | | 7136.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ·· | - 25 | | | 1 | 15.555 | 2.300 | | 1 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | 1 | | 1 | | | Ì | | |

| Name of Resp | ondent | | This Re | port Is: | | Date of Report | Yea | r/Period of Repor | t | |
|---|--|--|--|--|--|--|--|---|---------------|--|
| Duke Energy | Carolinas, LLC | | (1) X (2) | An Original A Resubmissior | 1 | (Mo, Da, Yr) 04/13/2017 | End | of2016/Q4 | | |
| | | STEAM ELE | ` ` | | | ge Plants) (Contir | | | | |
| | | | | | | | | | | |
| Dispatching, at 547 and 549 or designed for posteam, hydro, i | r Cost of Plant are nd Other Expense n Line 25 "Electric eak load service. nternal combustic n with a conventio | es Classified as C Expenses," and Designate autom on or gas-turbine | other Power Sup Maintenance Ad natically operated equipment, repo | ply Expenses. ccount Nos. 553 d plants. 11. F ort each as a sep | 10. For IC and and 554 on Line or a plant equip arate plant. Ho | GT plants, report e 32, "Maintenand ped with combina wever, if a gas-tu | Operating Expose of Electric Plations of fossil further the control of the contro | enses, Account N ant." Indicate plan uel steam, nuclea ons in a combined | its r d | |
| | counting method | | | | | | | | | |
| | | | | | | | | | | |
| | nd other physical | | | | 9 | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | rpe fuel used, fuel enrichment type and quantity f | | | |
| Plant | | | Plant | | | Plant | | | Line | |
| Name: Allen | | | Name: Lee | , , | | Name: Lee | 45 | | No. | |
| | (d) | | | (e) | | | (f) | | | |
| | | Ctaam | | | Ctoons | | 0.5 | ahatian Tuhina | 1 | |
| | | Steam | | | Steam | | Cor | nbustion Turbine | 1 | |
| | | Conventional 1957 | | | Conventiona 1951 | | | Conventional 2006 | 3 | |
| | | 1961 | | | 1951 | _ | | 2006 | 4 | |
| | | 1148.40 | | | 163.20 | | | 108.00 | 5 | |
| | | 1114 | | | 103.20 | _ | | 97 | 6 | |
| | | 4462 | | | 2393 | _ | | 742 | 7 | |
| | - | | | | 0 | _ | | 0 | 8 | |
| | 116 | | | | 173 | 1 | | 82 | 9 | |
| | | 1127 | | | 170 | 1 | | 82 | 10 | |
| | | 112 | | | 48 | | | 0 | 11 | |
| | | 1497961000 | | | 221298000 | 1 | | 62820000 | 12 13 | |
| | | 584928 | | | 167823 | 1 | 0 | | | |
| | | 85105771 | | | 14607215 | i | | 341026 | 14 | |
| | | 1052177614 | | | 81435004 | | | 58891481 | 15 | |
| | | 224146455 | | | 9563039 | _ | | 0 | 16 | |
| | | 1362014768 | | | 105773081 | _ | | 59232507 | 17 | |
| | | 1186.0108 2628540 | | | 648.1194 1144830 | _ | | 548.4491 338613 | 18 19 | |
| | | 63833217 | | | 9440814 | | | 2346441 | 20 | |
| | | 0 | <u> </u> | | 0440014 | - | | 0 | 21 | |
| | | 6098548 | | | 736308 | <u> </u> | | 0 | 22 | |
| | | 0 | | | C | _ | | 0 | + | |
| | | 0 | | | C | 0 | | | | |
| | | 1522002 | | | 355697 | 189705 | | | | |
| | | 3719590 | | | 1441585 | | | 0 | 26 | |
| | | 0 | | | C | | | 0 | 27 | |
| | | 4908 | | | 26 | i | | 0 | 28 | |
| | | 2351637 | | | 326678 | _ | | -250406 | 29 | |
| | | 2689321 | | | 1106050 | | | 149045 | 30 | |
| | | 6621955 | | | 1472764 | _ | | <u>0</u> | 31 | |
| | | 6991098 456173 | | | 1708161 702007 | _ | | 575014 0 | 32 | |
| | | 96916989 | | | 18434920 | _ | | 3348412 | 34 | |
| | | 0.0647 | | | 0.0833 | _ | | 0.0533 | 35 | |
| Coal | Oil | 1.50 | Coal | Oil | Gas | Gas | Oil | 3.0000 | 36 | |
| Tons | Barrels | | Tons | Barrels | MCF | MCF | Barrels | | 37 | |
| 705375 | 32440 | 0 | 0 | 0 | 2601426 | 586666 | 1706 | 0 | 38 | |
| 11362 | 137850 | 0 | 0 | 0 | 1029 | 1031 | 137747 | 0 | 39 | |
| 79.990 | 59.580 | 0.000 | 0.000 | 0.000 | 3.613 | 3.668 | 61.740 | 0.000 | 40 | |
| 84.880 | 59.400 | 0.000 | 0.000 | 0.000 | 3.613 | 3.668 | 109.445 | 0.000 | 41 | |
| 3.735 | 10.259 | 0.000 | 0.000 | 0.000 | 3.511 | 3.559 | 18.919 | 0.000 | 42 | |
| 0.041 | 0.041 | 0.000 | 0.000 | 0.000 | 0.043 | 0.037 | 0.037 | 0.000 | 43 | |
| 10826.000 | 10826.000 | 0.000 | 0.000 | 0.000 | 12112.000 | 9746.000 | 9746.000 | 0.000 | 44 | |
| | | | | | | | | | | |

| | | | | | | Period of Report | t | | | |
|--|---|---|---|---|---|--|--|---|----------|--|
| Duke Energy | Carolinas, LLC | | (1) X An Original (Mo, Da, Yr) (2) A Resubmission 04/13/2017 End of 2016/Q4 | | | | | | | |
| | | | | | | | | | | |
| | | STEAM-ELE | CTRIC GENERA | TING PLANT ST | ATISTICS (Lar | ge Plants) (Contir | nued) | | | |
| Dispatching, ar 547 and 549 or designed for pe | r Cost of Plant are nd Other Expense n Line 25 "Electric eak load service. internal combustic | es Classified as C Expenses," and Designate autom | other Power Suppose Maintenance Aconatically operated | oly Expenses. count Nos. 553 a d plants. 11. Fo | I0. For IC and and 554 on Line or a plant equip | GT plants, report 32, "Maintenand ped with combina | Operating Expe te of Electric Pla ations of fossil fur | nses, Account N nt." Indicate plan el steam, nuclea | ts r | |
| | with a convention | | | | | | | | | |
| | counting method t | | | | | | | | | |
| | rious components | | | | ncerning plant | type fuel used, fu | el enrichment ty | pe and quantity f | or the | |
| | nd other physical | and operating ch | | lant. | | T | | | Ι | |
| Plant Name: Cliffsia | 10 | | Plant Name: <i>Riverb</i> | and | | Plant Name: <i>River</i> | hand | | Line | |
| (d) (e) | | | | | | | (f) | | No. | |
| | (4) | | | (-) | | | (-) | | | |
| | | Steam | | | Steam | | Com | bustion Turbine | 1 | |
| | | Conventional | | | | | Conventional | 2 | | |
| | | 1972 | 1952 | | | | 1969 | 3 | | |
| | | 2012 | | | 1954 | | | 1969 | 4 | |
| | | 1530.50 | | | 0.00 | | | 0.00 | 5 | |
| | | 1427 | | | C | | | 0 | 6 | |
| | | 4820 | | | C | | | 0 | 7 | |
| | | 0 | | | 0 | | | 0 | 8 | |
| | | 1400 | | | O | | | 0 | 9 | |
| | | 1396 | | | 0 | _ | | 0 | 10 | |
| | | 118 | | | 0 | _ | | 0 | 11 12 | |
| | | 3681968000 | | | 0 | _ | 0 | | | |
| | | 579814 | | | 0 | | | 0 | 13 | |
| | | 236108455 | | | 0 | | | 0 | 14 15 | |
| | | 2553378633 240776806 | | | -36338090 | _ | | 0 | 16 | |
| | | 3030843708 | | | -36338090 | | | 0 | 17 | |
| | | 1980.2964 | | | -30336090 | _ | | 0 | 18 | |
| | | 3644295 | | | 1830 | _ | | 0 | 19 | |
| | | 156568248 | | | -266068 | | | 0 | 20 | |
| | | 0 | | | C | - | | 0 | 21 | |
| | | 10662556 | | | C | | | 0 | 22 | |
| | | 0 | 0 | | | | | 0 | 23 | |
| | | 0 | 0 | | | 0 | | | | |
| | | 1840398 | 0 | | | 0 | | | | |
| | | 3557803 | | | 73430 | 0 | | | | |
| | | 0 | | | 0 | | 0 | | | |
| | | 2753 | | | 0 | | | 0 | 28 | |
| | | 2862257 | | | 404444 | _ | | 0 | 29 | |
| | | 2581045 7452145 | | | 164411 0 | | | 0 | 30 31 | |
| | | 2372767 | | | 1812 | | | 0 | 32 | |
| | | 761734 | | | 8940 | | | 0 | 33 | |
| | | 192306001 | | | -15556 | | | 0 | 34 | |
| | | 0.0522 | | | 0.0000 | | | 0.0000 | 35 | |
| Coal | Oil | | Coal | Oil | | Gas | Oil | | 36 | |
| Tons | Barrels | | Tons | Barrels | | MCF | Barrels | | 37 | |
| 1457259 | 57638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | |
| 11797 | 137695 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | |
| 109.820 | 61.470 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 40 | |
| 102.800 | 61.640 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 41 | |
| 4.357 | 10.658 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 42 | |
| 0.042 | 0.042 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 43 | |
| 9428.000 | 9428.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 44 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | ! | | | | | | | |

| Name o | of Respondent | | | | | Date of Report (Mo. Do. Vr.) Year/Period of Report | | | | |
|---|---|--|--|--|---|--|--|--|---------------|--|
| Duke E | Energy Carolinas, LLC | | (1) [X | ☐An Onginai ☐A Resubmissioi | n | (Mo, Da, Yr) 04/13/2017 | End | of 2016/Q4 | | |
| | | STEAM-ELEC | CTRIC GENERA | ATING PLANT S | I | ge Plants) (Contil | nued) | | | |
| Dispato 547 and designe steam, | s under Cost of Plant a hing, and Other Expen d 549 on Line 25 "Elect ed for peak load service hydro, internal combus | are based on U. S. on the ses Classified as Court of Expenses," and the end of the ses o | of A. Accounts. other Power Sup Maintenance A natically operate equipment, rep | Production experience ply Expenses. Account Nos. 553 and plants. 11. Front each as a sep | nses do not inc 10. For IC and and 554 on Lind or a plant equip arate plant. Ho | ude Purchased F GT plants, report e 32, "Maintenance ped with combinate wever, if a gas-tu | Power, System (Operating Exp ce of Electric Pl ations of fossil f rbine unit functi | enses, Account N ant." Indicate plan uel steam, nuclea ons in a combine | nts r d | |
| | peration with a convent e (a) accounting metho | · · | • | | • | | | | , , | |
| | r the various compone | | | | | | | | | |
| l l | eriod and other physic | | | | J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | |
| Plant | | | Plant | | | Plant | | | Line | |
| Name: | Buzzard Roost (d) | | Name: Linco | In (e) | | Name: Ocon | ee (f) | | No. | |
| | (α) | | | (0) | | | (.) | | | |
| | Со | mbustion Turbine | | Com | bustion Turbine | | | Nuclear | 1 | |
| | | Conventional | | | Conventiona | | | Conventional | 2 | |
| | | 1971 | | | 1995 | | | | | |
| | | 1971 | | | 1996 | | | | | |
| | | 0.00 | | | 1753.60 705 | 705 262 | | | | |
| | | 0 | | | 304 | - | | 8784 | 6 7 | |
| | | 0 | | | (| | | 0 | 8 | |
| | | 0 | | | 1488 | 3 | | 2618 | 9 | |
| | | 0 | | | 1267 | | | | | |
| | | 0 | | | 46112000 | | 1329 21177103000 | | | |
| | | 0 | | | 3021923 | | | 1504454 | 12 13 | |
| | | 0 | | | 28678112 | | | 942131351 | 14 | |
| | | 0 | | | 374294509 |) | | 3204677827 | 15 | |
| | | 0 | | | (| - | | -291973683 | 16 | |
| | | 0 | | | 405994544 | | | 3856339949 | 17 | |
| | | 0 | | 231.5206 478806 | | | | 1446.1094 16478245 | 18 19 | |
| | | 0 | | | 4593189 | | | 142814897 | 20 | |
| | | 0 | 0 | | |) | | 4845681 | 21 | |
| | | 0 | | | (|) | | 24691200 | 22 | |
| | | 0 | | | (| - | | 0 | 23 24 | |
| | | 0 687 | | | 2626872 | | 0 18087906 | | | |
| | | 007 | | | 2020072 | | | 95968082 | 25 26 | |
| | | 0 | | | (| - | | 0 | 27 | |
| | | 0 | | | (|) | | 0 | 28 | |
| | | 0 | | | 518278 | | | 45857235 | 29 | |
| | | 0 | | | 853169 | | | 7356930 48803280 | 30 | |
| | | 897 | | | 3423618 | | | 33627451 | 32 | |
| | | 0 | | | 0420010 | | | 23443697 | 33 | |
| | | 1584 | | | 12493932 | ! | | 461974604 | 34 | |
| | | 0.0000 | • | 0" | 0.2709 | | | 0.0218 | 35 | |
| Coal | Oil Barrels | | Gas MCF | Oil Barrels | | MBTUs | Nuclear | Grams of Uranium | 36 37 | |
| 0 | 0 | 0 | 507130 | 32183 | 0 | 215853000 | 0 | 3257892 | 38 | |
| 0 | 0 | 0 | 1032 | 137743 | 0 | 0 | 0 | 0 | 39 | |
| 0.000 | 0.000 | 0.000 | 3.579 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 40 | |
| 0.000 | 0.000 | 0.000 | 3.579 | 82.449 | 0.000 | 0.000 | 43.822 | 0.000 | 41 | |
| 0.000 | 0.000 | 0.000 | 3.469 0.097 | 0.097 | 0.000 | 0.000 | 0.661 | 0.000 | 42 43 | |
| 0.000 | 0.000 | 0.000 | 15384.000 | 15384.000 | 0.000 | 0.000 | 0.007 10193.000 | 0.000 | 43 | |
| 2.300 | 0.000 | 3.000 | | .0007.000 | 1 3.300 | 1.000 | .5.00.000 | 1 5.500 | 7.7 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | _1 | | | لـــــــا | |

| Name of Resp | ondent | | This Rep | oort Is: | | Date of Report Year/Period of Report | | | | |
|---|---|--|--|---|--|---|--|--|---------------|--|
| Duke Energy (| Carolinas, LLC | | |]An Original]A Resubmission | | (Mo, Da, Yr) 04/13/2017 | Eı | nd of2016/Q4 | | |
| | | STEAM ELE | ` ' | ı | | | 21104) | | | |
| | | | | TING PLANT ST | | | | | | |
| Dispatching, ar 547 and 549 or designed for pe steam, hydro, i | nd Other Expense n Line 25 "Electric eak load service. nternal combustic | es Classified as C Expenses," and Designate autom on or gas-turbine | other Power Sup Maintenance Ad natically operated equipment, repo | ply Expenses. count Nos. 553 a d plants. 11. Fo rt each as a sepa | 10. For IC and and 554 on Line or a plant equip arate plant. Ho | GT plants, report 232, "Maintenand ped with combina wever, if a gas-tu | Operating Exce of Electric Interest of Electric Interest of Intere | n Control and Load openses, Account N Plant." Indicate plan I fuel steam, nuclea ctions in a combined plant, briefly explai | nts r d | |
| | | | | | | | | (b) types of cost un | | |
| | | | | | ncerning plant | type fuel used, fu | el enrichmen | t type and quantity f | for the | |
| | nd other physical | and operating ch | | lant. | | T | | | T | |
| Plant Name: <i>Mill Cro</i> | ook | | Plant Name: <i>Rockir</i> | acham | | Plant Name: Buck | | | Line No. | |
| INAMILE. WIIII CIT | (d) | | INAMILE. MOCKII | (e) | | Name. Buck | (f) | | INO. | |
| | | | | | | | | | | |
| | Comb | bustion Turbine | | Comb | oustion Turbine | | | Combined Cycle | 1 | |
| | | Conventional | | | Conventiona | | | Conventional | 2 | |
| | | 2002 | | | 2000 | | | 2011 | 3 | |
| | | 2003 | | | 2000 | | | 2011 | 4 | |
| | | 799.20 | | | 977.50 | | | 697.90 | 5 | |
| | | 685 | | | 901 | | | 724 | 6 | |
| | | 318 | | | 2138 | | | 8392 | 7 | |
| | | 739 | | | 895 | _ | | 697 | 8 | |
| | | 595 | | | 825 | | | 668 | 10 | |
| | | 8 | | | 11 | | | 47 | 11 | |
| | | 102500000 | | | 1290467000 | | 5021160000 | | | |
| | | 5063537 | | | 967095 | | | 0 | 13 | |
| | | 29585714 | | | 3562818 | | | 132978276 | 14 | |
| 220272402 293289851 | | | | | | | 534116507 | 15 | | |
| 0 0 | | | | | | 0 | 16 | | | |
| | | 254921653 | | | 297819764 | | | 667094783 | 17 | |
| | | 318.9710 332349 | | | 304.6750 697434 | | | 955.8601 1658009 | 18 19 | |
| | | 4434792 | | | 45404351 | | | 119030867 | 20 | |
| | | 0 | | | 0 | 1 | | 0 | 21 | |
| | | 0 | | | 0 | | | 0 | 22 | |
| | | 0 | | | 0 | | | 0 | 23 | |
| | | 0 | | | C | | | 0 | 24 | |
| | | 1452382 | | | 1711729 | | | 1622744 | 25 | |
| | | 0 | | | 0 | | | 0 | 26 | |
| | | 0 | | | 0 | | | 0 | 27 | |
| | | 267327 | | | 429848 | | | 620693 | 28 29 | |
| | | 424777 | | | 533648 | + | | 3987766 | 30 | |
| | | 0 | | | 0 | | | 0 | 31 | |
| | | 699417 | | | 1755105 | | | 1615787 | 32 | |
| | | 0 | | | O | | | 0 | 33 | |
| | | 7611044 | | | 50532115 | | | 128535866 | 34 | |
| | To: | 0.0743 | | Lou | 0.0392 | | 10" | 0.0256 | 35 | |
| Gas MCF | Oil Barrels | | Gas MCF | Oil Barrels | | Gas MCF | Oil Barrels | | 36 37 | |
| 1307993 | 0 | 0 | 13497321 | 4300 | 0 | 34163504 | 0 | 0 | 38 | |
| 1030 | 0 | 0 | 1041 | 139834 | 0 | 1036 | 0 | 0 | 39 | |
| 3.347 | 0.000 | 0.000 | 3.332 | 0.000 | 0.000 | 3.483 | 0.000 | 0.000 | 40 | |
| 3.347 | 0.000 | 0.000 | 3.332 | 81.837 | 0.000 | 3.483 | 0.000 | 0.000 | 41 | |
| 3.250 | 0.000 | 0.000 | 3.200 | 13.936 | 0.000 | 3.361 | 0.000 | 0.000 | 42 | |
| 0.043 | 0.000 | 0.000 | 0.035 | 0.035 | 0.000 | 0.024 | 0.000 | 0.000 | 43 | |
| 13144.000 | 0.000 | 0.000 | 10909.000 | 10909.000 | 0.000 | 7051.000 | 0.000 | 0.000 | 44 | |
| | | | | | | | | | | |

| Name of Re | espondent | | | | | Date of Report (Mo, Da, Yr) Year/Period of Report (Mo, Da, Yr) | | | | rt | |
|-------------------------|---|---|---|----------------------------|--|---|---|----------------------|-----------------------|--------------------------------------|--------------|
| Duke Energ | gy Carolinas, LLC | | | | | 04/13/2017 En | | | End of 2016/Q4 | | |
| | | STEAM-ELE | ` ´ L | | | | e Plants) (Contin | ued) | | | |
| Dispatching 547 and 549 | , and Other Exper 9 on Line 25 "Elec | are based on U.S. onses Classified as Ctric Expenses," and | of A. Accounts. other Power Sup Maintenance A | Production exply Expenses. | penses do not 10. For IC a 53 and 554 on I | includind G | de Purchased P T plants, report 32, "Maintenanc | ower, Sy Operatir | ng Expe ctric Plai | nses, Account N nt." Indicate pla | los. nts |
| | | e. Designate autom stion or gas-turbine | | | | | | | | | |
| | | tional steam unit, in | | | | | | | | | |
| footnote (a) | accounting metho | od for cost of power | generated inclu | ding any exces | ss costs attribut | ted to | research and d | levelopm | nent; (b) | types of cost ui | nits |
| | | ents of fuel cost; and | | | concerning pla | ant ty | pe fuel used, fu | el enrich | ment ty | pe and quantity | for the |
| Plant | u and other physic | cal and operating ch | Plant | ματιι. | | | Plant | | | | Line |
| Name: | | | Name: | | | Name: | | | | No. | |
| | (d) | | | (e) | | | | (f) |) | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | 2 |
| | | | | | | | | | | | 3 |
| | | | | | | | | | | | 4 |
| | | 0.00 | | | 0 | .00 | | | | 0.00 | 5 |
| | | 0 | | | | 0 | | | | 0 | |
| | | 0 | | | | 0 | | | | 0 | |
| | | 0 | | | | 0 | | | | 0 | |
| | | 0 | | | | 0 | | | | 0 | |
| | | 0 | | | | 0 | | | | 0 | + + |
| | | 0 | | | | 0 | 0 | | | + | |
| | | 0 | | | | 0 | | | | 0 | 13 |
| | | 0 | | | | 0 | | | | 0 | _ |
| | 0 | | | | | 0 | | | | 0 | _ |
| 0 | | | | | | 0 | | | | 0 | + |
| | | | | | | | 0 | + | | | |
| | | 0 | | | | 0 | | | | 0 | + + |
| | | 0 | | | | 0 | | | | 0 | 20 |
| | | 0 | 0 | | | 0 | | | | 0 | 21 |
| | | 0 | 0 | | | | | | 0 | | |
| | | 0 | 0 | | | | | | 0 | + | |
| | | 0 | 0 | | | 0 | | | | + - | |
| | | 0 | | | | 0 | <u> </u> | | | | 26 |
| | | 0 | | | | 0 | | | | 0 | + - |
| | | 0 | | | | 0 | | | | | 28 |
| | | 0 | | | | 0 | | | | 0 | |
| | | 0 | | | | 0 | | | | 0 | + |
| | | 0 | | | | 0 | | | | 0 | + |
| | | 0 | | | | 0 | | | | 0 | + |
| | | 0 | | | | 0 | | | | 0 | |
| | | 0.0000 | | | 0.00 | 000 | | | | 0.0000 | 35 |
| | | | | | | | | | | | 36 |
| 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 0 | 37 38 |
| 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 0 | 39 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 | | 0.000 | 40 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 | | 0.000 | 41 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 | | 0.000 | 42 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 | | 0.000 | 43 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 | | 0.000 | 44 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | $oxed{oxed}$ |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | - |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 403 Line No.: -1 Column: e

Lee Units $\overline{1}$ and $\overline{2}$ retired $\overline{11-7-2014}$. Lee 3 was converted from coal burning to gas burning effective December 2014.

Schedule Page: 403 Line No.: 11 Column: f

Remote control operation from Lee Steam Station.

Schedule Page: 402 Line No.: 20 Column: b

Total fuel costs include Fuel Handling, Coal Sampling, and Sale of Fly Ash.

Account 501016 for Fuel Synergies is excluded as it reflects merger savings not allocated by plant (\$601,902)

Schedule Page: 402 Line No.: 20 Column: c

Total fuel costs include Fuel Handling, Coal Sampling, and Sale of Fly Ash.

Account 501016 for Fuel Synergies is excluded as it reflects merger savings not allocated by plant (\$601,902)

Schedule Page: 403 Line No.: 20 Column: d

Total fuel costs include Fuel Handling, Coal Sampling, and Sale of Fly Ash.

Account 501016 for Fuel Synergies is excluded as it reflects merger savings not allocated by plant (\$601,902)

Schedule Page: 403 Line No.: 20 Column: e

Lee Unit 3 Steam Plant has been converted to operate using natural gas. The Fuel Consumed now relates to natural gas.

Accounts 547123 and 547127 for Fuel Synergies are excluded as they reflect merger savings not allocated by plant \$5,863,197

Schedule Page: 403 Line No.: 20 Column: f

Accounts 547123 and 547127 for Fuel Synergies are excluded as they reflect merger savings not allocated by plant \$5,863,197

Schedule Page: 402 Line No.: 22 Column: b

Accounts 502160 and 502161 for Reagent and By-Product Synergies are excluded as they reflects merger savings not allocated by plant \$148,685.

Schedule Page: 402 Line No.: 22 Column: c

Accounts 502160 and 502161 for Reagent and By-Product Synergies are excluded as they reflects merger savings not allocated by plant \$148,685.

Schedule Page: 403 Line No.: 22 Column: d

Accounts 502160 and 502161 for Reagent and By-Product Synergies are excluded as they reflects merger savings not allocated by plant \$148,685.

Schedule Page: 403 Line No.: 22 Column: e

Accounts 502160 and 502161 for Reagent and By-Product Synergies are excluded as they reflects merger savings not allocated by plant \$148,685.

Schedule Page: 402.1 Line No.: -1 Column: b

Dan River Steam was retired 4/1/2012.

Schedule Page: 402.1 Line No.: -1 Column: c

Dan River Combustion Turbine was fully retired 10/1/2012.

Schedule Page: 403.1 Line No.: -1 Column: f

Riverbend Combustion Turbine was retired 10/1/2012.

Schedule Page: 403.1 Line No.: 3 Column: d

Cliffside Units 1-4 were retired 10/1/2011.

Schedule Page: 403.1 Line No.: 3 Column: e

Dates do not reflect units which were retired prior to 1-1-01. Riverbend 4, 5, 6, and 7 retired 3-31-2013.

Schedule Page: 403.1 Line No.: 4 Column: d

Cliffside 6 added in 2012. In service date 12/30/2012

Schedule Page: 402.1 Line No.: 20 Column: b

Total fuel costs reflect Sale of Fly Ash.

Schedule Page: 403.1 Line No.: 20 Column: d

Total fuel costs include Fuel Handling, Coal Sampling, and Sale of Fly Ash.

FERC FORM NO. 1 (ED. 12-87)

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | | |
|----------------------------|--------------------|----------------|-----------------------|--|--|--|--|--|
| | (1) X An Original | (Mo, Da, Yr) | · | | | | | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 | | | | | |
| FOOTNOTE DATA | | | | | | | | |

Account 501016 for Fuel Synergies is excluded as it reflects merger savings not allocated by plant (\$601,902)

Schedule Page: 403.1 Line No.: 20 Column: e

Total fuel costs reflect Sale of Fly Ash.

Schedule Page: 402.1 Line No.: 22 Column: b

Accounts 502160 and 502161 for Reagent and By-Product Synergies are excluded as they reflects merger savings not allocated by plant \$148,685.

Schedule Page: 403.1 Line No.: 22 Column: d

Accounts 502160 and 502161 for Reagent and By-Product Synergies are excluded as they reflects merger savings not allocated by plant \$148,685.

Schedule Page: 402.2 Line No.: -1 Column: c

Buck Combustion Turbine was retired 10/1/2012.

Schedule Page: 403.2 Line No.: -1 Column: d

Buzzard Roost Combustion Turbine was retired 10/1/2012.

Schedule Page: 402.2 Line No.: 3 Column: b

Dates do not reflect units which were retired prior to 1-1-12. Buck 3 and 4 retired 5/15/2011. Buck 5 and 6 retired 3-31-2013.

Schedule Page: 402.2 Line No.: 20 Column: b

Total fuel costs reflect Sale of Fly Ash.

Schedule Page: 403.2 Line No.: 20 Column: e

Accounts 547123 and 547127 for Fuel Synergies are excluded as they reflect merger savings not allocated by plant \$5,863,197

Schedule Page: 402.2 Line No.: 22 Column: b

Accounts 502160 and 502161 for Reagent and By-Product Synergies are excluded as they reflects merger savings not allocated by plant \$148,685.

Schedule Page: 402.3 Line No.: -1 Column: c

The Catawba Nuclear Station is a jointly-owned facility with the respondent's share of ownership being 19.246%

Schedule Page: 402.3 Line No.: 5 Column: c

Represents respondent's 19.246% ownership of Catawba units 1 and 2.

Schedule Page: 402.3 Line No.: 9 Column: c

Represents respondent's 19.246% ownership of Catawba units 1 and 2.

Schedule Page: 402.3 Line No.: 10 Column: c

Represents respondent's 19.246% ownership of Catawba units 1 and 2.

Schedule Page: 402.3 Line No.: 11 Column: c

As the operator, average number of employees reflects all employees at the Catawba Nuclear Station.

Schedule Page: 403.3 Line No.: 20 Column: d

Accounts 547123 and 547127 for Fuel Synergies are excluded as they reflect merger savings not allocated by plant \$5,863,197

Schedule Page: 403.3 Line No.: 20 Column: e

Accounts 547123 and 547127 for Fuel Synergies are excluded as they reflect merger savings not allocated by plant \$5,863,197

Schedule Page: 403.3 Line No.: 20 Column: f

Accounts 547123 and 547127 for Fuel Synergies are excluded as they reflect merger savings not allocated by plant \$5,863,197

Schedule Page: 402.4 Line No.: 20 Column: b

Accounts 547123 and 547127 for Fuel Synergies are excluded as they reflect merger savings not allocated by plant \$5,863,197

Schedule Page: 402 Line No.: 41 Column: b1

Average Cost of Fuel per Unit Burned does not include cost for Fuel Handling, Coal Sampling, and Sale of Fly Ash.

Schedule Page: 402 Line No.: 41 Column: c1

Average Cost of Fuel per Unit Burned does not include cost for Fuel Handling, Coal Sampling, and Sale of Fly Ash.

Schedule Page: 402 Line No.: 41 Column: d1

FERC FORM NO. 1 (ED. 12-87) Page 450.2

| n Original (Mo, Da, Yr) | | | | | | | | |
|-------------------------|---------------------------|--|--|--|--|--|--|--|
| Resubmission 04/13/2017 | 2016/Q4 | | | | | | | |
| FOOTNOTE DATA | | | | | | | | |
| ١ | A Resubmission 04/13/2017 | | | | | | | |

Average Cost of Fuel per Unit Burned does not include cost for Fuel Handling, Coal Sampling, and Sale of Fly Ash. Schedule Page: 402 Line No.: 43 Column: b1 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 43 Column: b2 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 43 Column: c1 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 43 Column: c2 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 43 Column: d1 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 43 Column: d2 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 43 Column: e3 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 43 Column: f1 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 43 Column: f2 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 44 Column: b1 Conventional steam heat rates include BTU's of both generation and light-off fuels. Line No.: 44 Schedule Page: 402 Column: b2 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 44 Column: c1 Conventional steam heat rates include BTU's of both generation and light-off fuels. Column: c2 Schedule Page: 402 Line No.: 44 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 44 Column: d1 Conventional steam heat rates include BTU's of both generation and light-off fuels. Schedule Page: 402 Line No.: 44 Column: d2 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 44 Column: e3 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 44 Column: f1 Calculated on all fuels basis only. Schedule Page: 402 Line No.: 44 Column: f2 Calculated on all fuels basis only. Schedule Page: 402.1 Line No.: 41 Column: d1 Average Cost of Fuel per Unit Burned does not include cost for Fuel Handling, Coal Sampling, and Sale of Fly Ash. Schedule Page: 402.1 Line No.: 43 Column: d1 Calculated on all fuels basis only. Schedule Page: 402.1 Line No.: 43 Column: d2 Calculated on all fuels basis only. Schedule Page: 402.1 Line No.: 44 Column: d1 Conventional steam heat rates include BTU's of both generation and light-off fuels. Line No.: 44 Schedule Page: 402.1 Column: d2 Calculated on all fuels basis only. Schedule Page: 402.2 Line No.: 43 Column: e1 fuels basis Calculated on all only. Schedule Page: 402.2 Line No.: 43 Column: e2 only. Calculated on all fuels basis Schedule Page: 402.2 Line No.: 44 Column: e1

Calculated on all fuels basis only.

| Name of Respondent | | | This Report is: | | Year/Period of Report |
|----------------------------|--------------|------------|--------------------------|--------------|-----------------------|
| | | | (1) <u>X</u> An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | | | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | | FC | OOTNOTE DATA | | |
| | | | | | |
| Schedule Page: 402.2 | Line No.: 44 | Column: e2 | | | |
| Calculated on all | fuels basis | only. | | | |
| Schedule Page: 402.3 | | Column: d1 | | | |
| Calculated on all | fuels basis | only. | | | |
| Schedule Page: 402.3 | | Column: e1 | | | |
| Calculated on all | fuels basis | only. | | | |
| Schedule Page: 402.3 | | Column: e2 | | | |
| Calculated on all | fuels basis | only. | | | |
| Schedule Page: 402.3 | Line No.: 44 | Column: d1 | | | |
| Calculated on all | fuels basis | only. | | | |
| Schedule Page: 402.3 | Line No.: 44 | Column: e1 | | | |
| Calculated on all | fuels basis | only. | | | |
| Schedule Page: 402.3 | Line No.: 44 | Column: e2 | | | |
| Calculated on all | fuels basis | only. | | | |

| Name | e of Respondent | This Report Is | S: | Date of Report | | Year/Per | iod of Report | |
|----------------------------|--|--------------------------------|--|----------------------------|-----|-------------------------------------|--------------------------|--|
| Duke | Energy Carolinas, LLC | (1) X An C (2) ☐ A Re | Original esubmission | (Mo, Da, Yr) 04/13/2017 | | End of 2016/Q4 | | |
| | LIVERSEL | ` ' | | | 4-1 | | | |
| | | | RATING PLANT STATI | | ts) | | | |
| 2. If a foot 3. If n | rge plants are hydro plants of 10,000 Kw or more of any plant is leased, operated under a license from note. If licensed project, give project number, let peak demand for 60 minutes is not available, give group of employees attends more than one gene | the Federal End | ergy Regulatory Commi s available specifying pe | eriod. | - | | | |
| | | | 1 | | | | | |
| Line No. | Item (a) | | FERC Licensed Project Plant Name: Bridgewa (b) | ater | | icensed Proje ame: Rhodhi (c) | ect No. 2232 ss | |
| | | | | | | | | |
| | | | | | | | | |
| | Kind of Plant (Run-of-River or Storage) | | | Storage | | | Storage | |
| 2 | Plant Construction type (Conventional or Outdoor |) | | Conventional | | | Conventional | |
| 3 | Year Originally Constructed | | | 2011 | | | 1925 | |
| 4 | Year Last Unit was Installed | | | 2011 | | | 1925 | |
| 5 | Total installed cap (Gen name plate Rating in MW | <u>')</u> | | 27.73 | | | 25.50 | |
| | Net Peak Demand on Plant-Megawatts (60 minute | es) | | 29 | | | 36 | |
| | Plant Hours Connect to Load | | | 8,747 | | | 4,554 | |
| | Net Plant Capability (in megawatts) | | | | | | | |
| 9 | (a) Under Most Favorable Oper Conditions | | | 32 | | | 34 | |
| 10 | (b) Under the Most Adverse Oper Conditions | | | 28 | ı | | 33 | |
| | Average Number of Employees | | | 3 | | | 4 | |
| | Net Generation, Exclusive of Plant Use - Kwh | | | 48,345,000 | | | 58,221,000 | |
| | Cost of Plant | | | 4 000 000 | I | | 505.044 | |
| 14 | Land and Land Rights | | | 1,229,866 | | | 525,914 | |
| 15 | Structures and Improvements | | | 63,421,973 | | | 3,998,195 | |
| 16 | Reservoirs, Dams, and Waterways | | | 105,399,463 | | | 7,546,537 | |
| 17 | Equipment Costs | | | 35,479,585 | | | 19,101,478 | |
| 18 | Roads, Railroads, and Bridges | | | 0 | | | 0 | |
| 19 20 | Asset Retirement Costs | | | 205 520 997 | | | | |
| 21 | TOTAL cost (Total of 14 thru 19) Cost per KW of Installed Capacity (line 20 / 5) | | | 205,530,887 7,411.8603 | | | 31,172,124 1,222.4362 | |
| | Production Expenses | | | 7,411.0003 | | | 1,222.4302 | |
| 23 | Operation Supervision and Engineering | | | 306,832 | | | 134,997 | |
| 24 | | | | 000,002 | | | 0 | |
| 25 | | | | -23,322 | | | -26,463 | |
| 26 | | | | 111,237 | | | 123,492 | |
| 27 | Misc Hydraulic Power Generation Expenses | | | 129,813 | | | 117,042 | |
| 28 | , | | | 0 | | | 0 | |
| 29 | Maintenance Supervision and Engineering | | | 31,091 | | | 47,406 | |
| 30 | Maintenance of Structures | | | 7,995 | | | 89,222 | |
| 31 | Maintenance of Reservoirs, Dams, and Waterway | ys | | 141,285 | | | 48,146 | |
| 32 | Maintenance of Electric Plant | | | 146,689 | | | 99,387 | |
| 33 | Maintenance of Misc Hydraulic Plant | | | 80,701 | | | 83,243 | |
| 34 | Total Production Expenses (total 23 thru 33) | | | 932,321 | | | 716,472 | |
| 35 | Expenses per net KWh | | | 0.0193 | | | 0.0123 | |
| | | | | | | | | |

| Name | e of Respondent | This F | Report Is: | Date of Report | | Year/Period of Report |
|--------------|---|--------------------|---|----------------------------|---------|--|
| Duke | e Energy Carolinas, LLC | (1) (2) | X An Original A Resubmission | (Mo, Da, Yr) 04/13/2017 | | End of2016/Q4 |
| | HYDROELE | ` ' | GENERATING PLANT STATI | | te) | |
| | | | | | 15) | |
| foot If r | rge plants are hydro plants of 10,000 Kw or more of any plant is leased, operated under a license from the note. If licensed project, give project number, net peak demand for 60 minutes is not available, give group of employees attends more than one general | the Fed ve that | leral Energy Regulatory Commi which is available specifying pe | ssion, or operated a | - | |
| | | | Teenou: In : | (1) | leepo i | ' ID ' (N |
| ₋ine No. | ltem | | FERC Licensed Project Plant Name: Cowans | | | icensed Project No. 2232 ame: Wylie |
| | (a) | | (b) | | | (c) |
| | | | | | | |
| 1 | Kind of Plant (Run-of-River or Storage) | | | Storage | | Storage |
| | Plant Construction type (Conventional or Outdoor) | ١ | | Outdoor | | Conventional |
| | Year Originally Constructed | , | | 1963 | | 1925 |
| | Year Last Unit was Installed | | | 1967 | | 1925 |
| | Total installed cap (Gen name plate Rating in MW | <u>'</u>) | | 350.00 | | 60.00 |
| | Net Peak Demand on Plant-Megawatts (60 minute | | | 166 | | 72 |
| 7 | Plant Hours Connect to Load | | | 1,708 | | 8,758 |
| 8 | Net Plant Capability (in megawatts) | | | | | |
| 9 | (a) Under Most Favorable Oper Conditions | | | 390 | - | 78 |
| 10 | (b) Under the Most Adverse Oper Conditions | | | 325 | | 72 |
| | Average Number of Employees | | | 15 | | 8 |
| | Net Generation, Exclusive of Plant Use - Kwh | | | 141,031,000 | | 124,836,000 |
| | Cost of Plant | | | | | |
| 14 | Land and Land Rights | | | 12,451,413 | | 2,707,611 |
| 15 | Structures and Improvements | | | 16,850,391 | | 6,495,683 |
| 16 | Reservoirs, Dams, and Waterways Equipment Costs | | | 29,757,684 41,886,485 | | 16,576,694 21,761,632 |
| 17 18 | Roads, Railroads, and Bridges | | | 2,240,416 | | 21,761,632 |
| 19 | Asset Retirement Costs | | | 2,240,410 | | 0 |
| 20 | TOTAL cost (Total of 14 thru 19) | | | 103,186,389 | | 47,541,620 |
| 21 | Cost per KW of Installed Capacity (line 20 / 5) | | | 294.8183 | | 792.3603 |
| | Production Expenses | | | | | |
| 23 | Operation Supervision and Engineering | | | 1,562,085 | | 314,088 |
| 24 | Water for Power | | | 0 | | 0 |
| 25 | Hydraulic Expenses | | | -232,428 | | -90,454 |
| 26 | Electric Expenses | | | 248,297 | | 116,492 |
| 27 | Misc Hydraulic Power Generation Expenses | | | 1,152,765 | | 245,667 |
| 28 | | | | 0 | | 0 |
| 29 | Maintenance Supervision and Engineering | | | 398,135 | | 56,252 |
| 30 | Maintenance of Structures | | | 61,362 | | 24,508 |
| 31 | Maintenance of Reservoirs, Dams, and Waterway | ys | | 221,425 | | 69,506 |
| 32 33 | Maintenance of Electric Plant Maintenance of Misc Hydraulic Plant | | | 663,455 364,332 | | 63,923 138,775 |
| 34 | Total Production Expenses (total 23 thru 33) | | | 4,439,428 | | 938,757 |
| 35 | Expenses per net KWh | | | 0.0315 | | 0.0075 |
| | | | | | | |

| Name | e of Respondent | This Report Is | S: | Date of Report | | Year/Per | iod of Report |
|----------------------------|--|-------------------|--|----------------------------|--|------------------------------------|-----------------------|
| Duke | Energy Carolinas, LLC | (1) X An C (2) | Original esubmission | (Mo, Da, Yr) 04/13/2017 | | End of | 2016/Q4 |
| | LIVERSEL | `` | | | 4-> | | |
| | | | RATING PLANT STATI | | ts) | | |
| 2. If a foot 3. If n | rge plants are hydro plants of 10,000 Kw or more of any plant is leased, operated under a license from mote. If licensed project, give project number, net peak demand for 60 minutes is not available, give group of employees attends more than one gene | the Federal End | ergy Regulatory Commi s available specifying pe | ssion, or operated a | | | |
| | | | leepol: In : | | leepo i | | (1) |
| Line No. | Item (a) | | FERC Licensed Project Plant Name: Rocky Cr (b) | reek | | icensed Proje ame: Cedar (c) | ect No. 2232 Creek |
| | | | | | | | |
| | | | | | | | |
| | Kind of Plant (Run-of-River or Storage) | | | Run-of-River | | | Run-of-River |
| | Plant Construction type (Conventional or Outdoor |) | | Conventional | | | Conventional |
| 3 | Year Originally Constructed | | | 1909 | | | 1926 |
| | Year Last Unit was Installed | | | 1909 | | | 1926 |
| | Total installed cap (Gen name plate Rating in MW | | | 28.00 | | | 45.00 |
| | Net Peak Demand on Plant-Megawatts (60 minute | es) | | 0 | | | 48 |
| | Plant Hours Connect to Load | | | 0 | | | 7,205 |
| | Net Plant Capability (in megawatts) | | | | | | |
| 9 | (a) Under Most Favorable Oper Conditions | | | 16 | | | 45 |
| 10 | (b) Under the Most Adverse Oper Conditions | | | 14 | 1 | | 43 |
| | Average Number of Employees | | | 0 | | | 3 |
| | Net Generation, Exclusive of Plant Use - Kwh | | | -213,000 | | | 120,759,000 |
| | Cost of Plant | | | | I | | - |
| 14 | Land and Land Rights | | | 36,552 | | | 7,899 |
| 15 | Structures and Improvements | | | 1,924,692 | | | 3,147,916 |
| 16 | Reservoirs, Dams, and Waterways | | | 6,055,126 | | | 6,847,122 |
| 17 | Equipment Costs | | | 4,491,139 | | | 16,123,242 |
| 18 | Roads, Railroads, and Bridges | | | 0 | | | 0 |
| 19 | Asset Retirement Costs | | | 10.507.500 | | | 00 100 170 |
| 20 | TOTAL cost (Total of 14 thru 19) | | | 12,507,509 | | | 26,126,179 |
| 21 | | | | 446.6968 | | | 580.5818 |
| | Production Expenses Operation Supervision and Engineering | | | 77 770 | l | | 174,745 |
| 23 24 | 1 0 | | | 77,770 0 | | | 174,745 |
| 25 | Hydraulic Expenses | | | 3 | | | 2,005 |
| 26 | | | | 15,883 | | | 156,831 |
| 27 | Misc Hydraulic Power Generation Expenses | | | 104,675 | | | 174,000 |
| 28 | • | | | 0 | | | 0 |
| 29 | Maintenance Supervision and Engineering | | | 26,155 | | | 43,120 |
| 30 | Maintenance of Structures | | | 13,408 | | | 29,791 |
| 31 | Maintenance of Reservoirs, Dams, and Waterwa | VS | | 78,222 | | | 35,450 |
| 32 | Maintenance of Electric Plant | • | | 17,079 | | | 259,786 |
| 33 | Maintenance of Misc Hydraulic Plant | | | 18,273 | | | 44,780 |
| 34 | Total Production Expenses (total 23 thru 33) | | | 351,468 | | | 920,508 |
| 35 | Expenses per net KWh | | | 0.0000 | | | 0.0076 |
| | | | | | | | |

| Name | e of Respondent | This Rep | ort Is: | Date of Report | | Year/Per | riod of Report | |
|--------------|---|------------------------|--|----------------------------|-----|---------------|-------------------|--|
| Duke | Energy Carolinas, LLC | (1) X (2) \square | An Original A Resubmission | (Mo, Da, Yr) 04/13/2017 | | End of2016/Q4 | | |
| | HADDOELE | | ENERATING PLANT STATI | | te) | | | |
| | | | | | (8) | | | |
| foot If r | rge plants are hydro plants of 10,000 Kw or more of any plant is leased, operated under a license from the note. If licensed project, give project number. Het peak demand for 60 minutes is not available, give group of employees attends more than one general | the Federa | al Energy Regulatory Commi | eriod. | | - | | |
| | | | | | | | | |
| ine No. | ltem (c) | | FERC Licensed Project Plant Name: Keowee | | | ame: Thorpe | ect No. 2686 e | |
| | (a) | | (b) | <u>'</u> | | (c) | | |
| | | | | | | | | |
| 1 | Kind of Plant (Run-of-River or Storage) | | | Storage | | | Storage | |
| | Plant Construction type (Conventional or Outdoor) |) | | Outdoor | | | Conventional | |
| | Year Originally Constructed | / | | 1971 | | | 1941 | |
| | Year Last Unit was Installed | | | 1971 | | | 1941 | |
| | Total installed cap (Gen name plate Rating in MW | <u>'</u>) | | 157.60 | | | 21.60 | |
| | Net Peak Demand on Plant-Megawatts (60 minute | <u> </u> | | 94 | | | 22 | |
| | Plant Hours Connect to Load | • | | 687 | | | 2,946 | |
| 8 | Net Plant Capability (in megawatts) | | | | | | , | |
| 9 | (a) Under Most Favorable Oper Conditions | | | 160 | | | 20 | |
| 10 | (b) Under the Most Adverse Oper Conditions | | | 152 | | | 20 | |
| 11 | Average Number of Employees | | | 2 | | | 4 | |
| 12 | Net Generation, Exclusive of Plant Use - Kwh | | | 53,635,000 | | | 49,869,000 | |
| 13 | Cost of Plant | | | | | | | |
| 14 | Land and Land Rights | | | 21,905,557 | | | 1,153,815 | |
| 15 | Structures and Improvements | | | 7,982,907 | | | 2,855,344 | |
| 16 | Reservoirs, Dams, and Waterways | | | 17,479,477 | | | 4,897,153 | |
| 17 | Equipment Costs | | | 89,768,385 | | | 3,248,350 | |
| 18 | Roads, Railroads, and Bridges | | | 0 | | | 46,024 | |
| 19 | Asset Retirement Costs | | | 0 | | | 0 | |
| 20 | TOTAL cost (Total of 14 thru 19) | | | 137,136,326 | | | 12,200,686 | |
| 21 | Cost per KW of Installed Capacity (line 20 / 5) | | | 870.1544 | | | 564.8466 | |
| 22 | Production Expenses | | | | | | | |
| 23 | Operation Supervision and Engineering | | | 136,895 | | | 207,565 | |
| 24 | Water for Power | | | 0 | | | 0 | |
| 25 | Hydraulic Expenses | | | -82,010 | | | 50,680 | |
| 26 | Electric Expenses | | | 1,184,050 | | | 7,775 | |
| 27 | Misc Hydraulic Power Generation Expenses | | | 287,368 | | | 64,946 | |
| 28 | Rents | | | 0 | | | 0 | |
| 29 | Maintenance Supervision and Engineering | | | 41,885 | | | 65,091 | |
| 30 | Maintenance of Structures | | | 133,448 | | | 64,703 | |
| 31 | Maintenance of Reservoirs, Dams, and Waterway | ys | | 405,483 | | | 180,790 | |
| 32 | Maintenance of Electric Plant | | | 449,754 | | | 133,926 | |
| 33 | Maintenance of Misc Hydraulic Plant | | | 189,255 | | | 299,599 | |
| 34 | Total Production Expenses (total 23 thru 33) | | | 2,746,128 | | | 1,075,075 | |
| 35 | Expenses per net KWh | | | 0.0512 | | | 0.0216 | |

| Name of Respondent | This Report Is: | Date of Report | Year/Period of Repor | t |
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| Duke Energy Carolinas, LLC | (1) X An Original | (Mo, Da, Yr) | End of 2016/Q4 | |
| | (2) A Resubmission | 04/13/2017 | | |
| HYDRO | ELECTRIC GENERATING PLANT STATISTICS (I | arge Plants) (Continued |) | |
| 5. The items under Cost of Plant represent as | counts or combinations of accounts prescribed by | the Uniform System of A | coounts Production Evno | ncoc |
| do not include Purchased Power, System con | rol and Load Dispatching, and Other Expenses classed with combinations of steam, hydro, internal co | ssified as "Other Power | Supply Expenses." | 11303 |
| | | | | |
| FERC Licensed Project No. 2232 | FERC Licensed Project No. 2232 | FERC Licensed Proje | ect No. 2232 | Line |
| Plant Name: Oxford | Plant Name: Lookout Shoals | Plant Name: Mountain | | No. |
| (d) | (e) | There is a second of the second | (f) | 140. |
| | | | | |
| | | | | |
| Stora | ge Run-of-Rive | er | Storage | 1 |
| Convention | | | Conventional | 1 |
| 19 | | | 1923 | <u> </u> |
| | | | 1923 | 1 |
| | | | | 1 |
| 36. | | | 60.00 | |
| | | 3 | 65 | - |
| 4,2 | 45 7,58 | [2] | 4,652 | |
| | | _ | | 8 |
| | | 8 | 62 | |
| | | 8 | 58 | <u></u> |
| | 3 | 1 | 0 | |
| 75,181,0 | 00 86,778,00 | 0 | 101,821,000 | |
| | | | | 13 |
| 1,247,5 | 550,59 | 0 | 800,211 | |
| 4,011,8 | | 7 | 2,365,569 | + |
| 21,535,4 | 5,422,56 | 7 | 5,531,690 | |
| 19,065,4 | 13,086,60 | 0 | 19,419,943 | |
| | 0 | 0 | 0 | 18 |
| | 0 | 0 | 0 | 19 |
| 45,860,2 | 21,544,01 | 4 | 28,117,413 | 20 |
| 1,273.89 | 835.039 | 3 | 468.6236 | 21 |
| | | | | 22 |
| 140,2 | 01 135,82 | 3 | 214,479 | 23 |
| | 0 | 0 | 0 | 24 |
| -75,3 | -1,88 | 4 | -55,335 | 25 |
| 119,0 | 31 145,41 | 2 | 92,833 | 26 |
| 163,8 | 70 121,72 | 8 | 201,445 | 27 |
| | | 0 | 0 | |
| 38,0 | | 9 | 61,523 | |
| 73,1 | | | 110,883 | |
| 58,0 | | | 62,460 | |
| 66,2 | | | 81,952 | |
| 148,5 | | | 46,352 | 1 |
| 731,7 | | | 816,592 | - |
| 0.00 | | | 0.0080 | |
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| Name of Respondent | This Report Is: | Date of Report | Year/Period of Repor | t |
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| Duke Energy Carolinas, LLC | (1) X An Original | (Mo, Da, Yr) | End of 2016/Q4 | |
| | (2) A Resubmission | 04/13/2017 | Lild of | |
| HYDRO | ELECTRIC GENERATING PLANT STATISTICS | Large Plants) (Continued | 1) | |
| do not include Purchased Power, System con | counts or combinations of accounts prescribed by rol and Load Dispatching, and Other Expenses closed with combinations of steam, hydro, internal co | assified as "Other Power | Supply Expenses." | enses |
| FERC Licensed Project No. 2232 | FERC Licensed Project No. 2232 | FERC Licensed Proje | ect No. 2232 | Line |
| Plant Name: Fishing Creek | Plant Name: Great Falls | Plant Name: Dearbo | | No. |
| (d) | (e) | | (f) | |
| | | | | |
| | | | | |
| Stora | | | Run-of-River | |
| Convention | | | Conventional | - |
| 19 | | | 1923 | |
| 19 | | | 1923 | 1 |
| 42. | | 00 | 45.00 | |
| | 50 | 7 | 48 | 1 |
| 7,6 | 75 | 45 | 7,675 | 8 |
| | | 4.4 | 47 | 9 |
| | | 14 11 | 47 | |
| | 3 | 4 | 2 | ļ |
| 112,094,0 | | | 141,752,000 | - |
| 112,004,0 | 100,0 | | 141,732,000 | 13 |
| 364,0 | 37 27,6 | 13 | 0 | _ |
| 4,378,1 | | | 2,137,143 | 1 |
| 15,264,8 | | | 1,506,206 | |
| 27,177,7 | | | 15,908,367 | 1 |
| | 0 | 0 | 633,636 | 1 |
| | 0 | 0 | 0 | |
| 47,184,7 | 17 10,155,6 | 81 | 20,185,352 | 20 |
| 1,115.47 | 79 846.30 | 68 | 448.5634 | 21 |
| | | | | 22 |
| 182,7 | 90,6 | 16 | 173,149 | |
| | 0 | 0 | 0 | |
| -44,4 | | 11 | 6 | ļ |
| 184,3 | | | 186,151 | |
| 176,0 | | | 206,790 | |
| | 0 | 0 | 0 | |
| 37,7 | | | 43,307 | |
| 366,6 384,7 | | | 44,378 10,887 | |
| 648,3 | | | 68,840 | |
| 36,1 | | | 35,738 | 1 |
| 1,972,3 | | | 769,246 | 1 |
| 0.01 | | | 0.0054 | + |
| 0.01 | | | 0.0001 | |
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| Name of Respondent | This Report Is: | Date of Report | Year/Period of Report |
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| Duke Energy Carolinas, LLC | (1) X An Original | (Mo, Da, Yr) | End of 2016/Q4 |
| | (2) A Resubmission | 04/13/2017 | |
| HYDROEI | LECTRIC GENERATING PLANT STATISTICS (L | arge Plants) (Continued |) |
| do not include Purchased Power, System contro | ounts or combinations of accounts prescribed by I and Load Dispatching, and Other Expenses cla d with combinations of steam, hydro, internal co | ssified as "Other Power | Supply Expenses." |
| FERC Licensed Project No. 2232 | FERC Licensed Project No. 2331 | FERC Licensed Proje | ect No. 0 Line |
| Plant Name: Wateree (d) | Plant Name: Ninety-Nine Islands (e) | Plant Name: | (f) |
| | | | |
| Storage | Run-of-Rive | 21 | 1 |
| Conventiona | | | 2 |
| 1919 | | | 3 |
| 1919 | | | 4 |
| 56.00 | | | 0.00 5 |
| 93 | | | 0 6 |
| 8,754 | 7,57 | 7 | 0 7 |
| | | + | 8 |
| 90 | 2 | 0 | 0 9 |
| 85 | 5 1 | 0 | 0 10 |
| 2 | | 2 | 0 11 |
| 187,824,000 | 45,196,00 | 0 | 0 12 |
| | | | 13 |
| 627,436 | | | 0 14 |
| 8,875,137 | | _ | 0 15 |
| 13,627,133 | | | 0 16 |
| 26,646,081 | | | 0 17 |
| (| | 0 | 0 18 0 19 |
| 49,775,787 | | | 0 20 |
| 888.8533 | | | 0.0000 21 |
| 000.0000 | 2,014.410 | <u> </u> | 22 |
| 462,587 | 196,04 | 2 | 0 23 |
| (| | 0 | 0 24 |
| 119,942 | 1,01 | 5 | 0 25 |
| 167,766 | 74,15 | 2 | 0 26 |
| 257,341 | 164,89 | 0 | 0 27 |
| C | | 0 | 0 28 |
| 59,483 | | | 0 29 |
| 24,854 | | | 0 30 |
| 148,967 | | | 0 31 |
| 200,383 | | | 0 32 |
| 87,946 | | | 0 33 |
| 1,529,269 0.0081 | | | 0.0000 35 |
| | | | |
| | | | |

| Name of Respondent | This Report Is: (1) XAn Original | Date of Report (Mo, Da, Yr) | Year/Period of Repor | |
|---|--|----------------------------------|----------------------|-------------|
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | End of2016/Q4 | |
| HYDROEL | ECTRIC GENERATING PLANT STATISTICS (L | arge Plants) (Continued |) | |
| 5. The items under Cost of Plant represent accords not include Purchased Power, System control6. Report as a separate plant any plant equipped | and Load Dispatching, and Other Expenses class | ssified as "Other Power | Supply Expenses." | nses |
| FEDC Licensed Project No. 2000 | FERC Licensed Project No. 2698 | FEDC Licensed Proje | act No. 0 | T |
| FERC Licensed Project No. 2692 Plant Name: Nantahala | Plant Name: Tennessee Creek | FERC Licensed Projet Plant Name: | ect No. 0 | Line No. |
| (d) | (e) | | (f) | ļ |
| | | | | - |
| Storage | Storage | 2 | | 1 |
| Conventional | Conventiona | | | 2 |
| 1942 | 1959 | | | 3 |
| 1942 | 195 | 5 | | 4 |
| 43.20 | 10.80 | | 0.00 | |
| 51 | 10 | | 0 | |
| 3,356 | 3,236 | 0 | 0 | 8 |
| 50 | | 0 | 0 | _ |
| 50 | 10 | 0 | 0 | 10 |
| 2 | (| 0 | 0 | |
| 150,384,000 | 25,841,000 | 0 | 0 | |
| 469,013 | 475,718 | | 0 | 13 |
| 1,716,239 | 285,700 | 1 | 0 | + |
| 10,828,824 | 4,890,494 | | 0 | + |
| 6,275,284 | 2,562,81 | 7 | 0 | 17 |
| 239,971 | 72,590 | D . | 0 | |
| 0 | | 0 | 0 | |
| 19,529,331 452.0678 | 8,287,325 767.3445 | | 0.0000 | |
| 432.0076 | 707.344 | 9 | 0.0000 | 22 |
| 368,389 | 94,86 | 7 | 0 | |
| 0 | (|) | 0 | |
| 63,220 | -349 | _ | 0 | |
| 62,706 | 2,930 | | 0 | |
| 202,569 | 30,089 | 0 | 0 | + |
| 158,456 | 3,626 | | 0 | + |
| 57,317 | 12,802 | | 0 | 30 |
| 140,972 | 42,14 | | 0 | |
| 99,694 | 9,43 | | 0 | |
| 50,763 1,204,086 | 73,970 269,51 | | 0 | + |
| 0.0080 | 0.0104 | | 0.0000 | + |
| | | | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 406 Line No.: 9 Column: b

Capability applicable to individual plant only; system capability cannot be derived from this data as system capability assumes limited water resources which is not reflected in this amount. Also, capability of small hydroelectric plants is excluded from these pages.

Schedule Page: 406 Line No.: 9 Column: c

Capability applicable to individual plant only; system capability cannot be derived from this data as system capability assumes limited water resources which is not reflected in this amount. Also, capability of small hydroelectric plants is excluded from these pages.

Schedule Page: 406 Line No.: 9 Column: d

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Schedule Page: 406 Line No.: 10 Column: b

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Schedule Page: 406.1 Line No.: 9 Column: e

Capability applicable to individual plant only; system capability cannot be derived from this data as system capability

FERC FORM NO. 1 (ED. 12-87)

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|--------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

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Schedule Page: 406.1 Line No.: 10 Column: f

Capability applicable to individual plant only; system capability cannot be derived from this data because capability of small hydroelectric plants is excluded from these pages.

Schedule Page: 406.1 Line No.: 11 Column: e

Remote control operation.

Schedule Page: 406.2 Line No.: 9 Column: b

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Schedule Page: 406.2 Line No.: 9 Column: c

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Schedule Page: 406.2 Line No.: 10 Column: d

Capability applicable to individual plant only; system capability cannot be derived from this data because capability of small hydroelectric plants is excluded from these pages.

Schedule Page: 406.2 Line No.: 10 Column: e

FERC FORM NO. 1 (ED. 12-87) Page 450.2

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | · |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

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Schedule Page: 406.3 Line No.: 9 Column: b

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Schedule Page: 406.3 Line No.: 10 Column: d

Capability applicable to individual plant only; system capability cannot be derived from this data because capability of small hydroelectric plants is excluded from these pages.

Schedule Page: 406.3 Line No.: 10 Column: e

Capability applicable to individual plant only; system capability cannot be derived from this data because capability of small hydroelectric plants is excluded from these pages.

Schedule Page: 406.3 Line No.: 11 Column: b

Remote control operation.

Schedule Page: 406.3 Line No.: 11 Column: e

Remote control operation.

| Name | e of Respondent | This Report Is: | Date of Report | Year/Period of Report |
|--------|---|---|-------------------------------|---|
| Duke | e Energy Carolinas, LLC | (1) XAn Original (2) A Resubmission | (Mo, Da, Yr) 04/13/2017 | End of2016/Q4 |
| | DIMPED 0 | ` | | |
| | | TORAGE GENERATING PLANT STAT | | |
| | rge plants and pumped storage plants of 10,000 k | | | |
| | any plant is leased, operating under a license from | the Federal Energy Regulatory Comm | nission, or operated as a joi | int facility, indicate such facts in |
| | note. Give project number. net peak demand for 60 minutes is not available, <u>c</u> | give the which is available, specifying p | eriod | |
| I | a group of employees attends more than one gene | | | emplovees assignable to each |
| plant. | | 3 1 3 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| | e items under Cost of Plant represent accounts or | | | |
| do no | t include Purchased Power System Control and L | oad Dispatching, and Other Expenses | classified as "Other Power | Supply Expenses." |
| | | | | |
| | | | | |
| | | | | |
| Line | Item | | FERC Licensed Pro | oject No. 2503 |
| No. | | | Plant Name: | Jocassee |
| | (a) | | | (b) |
| | | | | |
| | | | | |
| | Type of Plant Construction (Conventional or Outd | oor) | | Outdoor |
| | Year Originally Constructed | | | 1973 |
| 3 | Year Last Unit was Installed | | | 1975 |
| 4 | Total installed cap (Gen name plate Rating in MV | /) | | 710 |
| 5 | Net Peak Demaind on Plant-Megawatts (60 minu | tes) | | 783 |
| 6 | Plant Hours Connect to Load While Generating | | | 3,154 |
| 7 | Net Plant Capability (in megawatts) | | | 780 |
| 8 | Average Number of Employees | | | 8 |
| 9 | Generation, Exclusive of Plant Use - Kwh | | | 1,251,760,000 |
| 10 | Energy Used for Pumping | | | 1,459,305,000 |
| 11 | Net Output for Load (line 9 - line 10) - Kwh | | | -207,545,000 |
| 12 | Cost of Plant | | | |
| 13 | Land and Land Rights | | | 5,273,013 |
| 14 | Structures and Improvements | | | 23,043,363 |
| 15 | Reservoirs, Dams, and Waterways | | | 49,686,448 |
| 16 | Water Wheels, Turbines, and Generators | | | 69,365,384 |
| 17 | Accessory Electric Equipment | | | 10,272,029 |
| 18 | Miscellaneous Powerplant Equipment | | | 3,266,538 |
| 19 | Roads, Railroads, and Bridges | | | 415,508 |
| 20 | Asset Retirement Costs | | | , |
| 21 | Total cost (total 13 thru 20) | | | 161,322,283 |
| 22 | Cost per KW of installed cap (line 21 / 4) | | | 227.2145 |
| | Production Expenses | | | 227.2110 |
| 24 | Operation Supervision and Engineering | | | 799,408 |
| 25 | Water for Power | | | 700,400 |
| 26 | Pumped Storage Expenses | | | -856 |
| 27 | Electric Expenses | | | 866,050 |
| 28 | Misc Pumped Storage Power generation Expens | | | 1,675,487 |
| 29 | Rents | | | 1,070,407 |
| 30 | Maintenance Supervision and Engineering | | | 543,019 |
| | Maintenance of Structures | | | · · · |
| 31 | | N/C | | 157,618 600,819 |
| 33 | Maintenance of Reservoirs, Dams, and Waterwa Maintenance of Electric Plant | ys | | |
| | | | | 1,011,900 |
| 34 | Maintenance of Misc Pumped Storage Plant | 1) | | 634,290 |
| 35 | Production Exp Before Pumping Exp (24 thru 34 | ") | | 6,287,735 |
| 36 | Pumping Expenses | | | 0.007.705 |
| 37 | Total Production Exp (total 35 and 36) | | | 6,287,735 |
| 38 | Expenses per KWh (line 37 / 9) | | | 0.0050 |
| | | | | |
| | | | | |
| | | | | |

| Name of Respondent | | This Report Is: | Date of Report | Year/Period of Report |
|--|--|--|---|---|
| Duke Energy Carolinas, LLC | | (1) X An Original (2) A Resubmission | (Mo, Da, Yr) 04/13/2017 | End of2016/Q4 |
| | PUMPED ST | ORAGE GENERATING PLANT STA | .TISTICS (Large Plants) (Continu | ed) |
| 7. Include on Line 36 the cost of and 38 blank and describe at the station or other source that indiverported herein for each source | of energy used in p ne bottom of the scl vidually provides m e described. Group | ured as input to the plant for pumping umping into the storage reservoir. Very the due to the company's principal source or than 10 percent of the total energy together stations and other resource hase power for pumping, give the supplements. | When this item cannot be accurate ces of pumping power, the estimate gy used for pumping, and product es which individually provide less | ted amounts of energy from each tion expenses per net MWH as than 10 percent of total pumping |
| FERC Licensed Project No. | 2740 | FERC Licensed Project No. | 0 FERC Licensed Pro | ject No. 0 Line |
| Plant Name: | Bad Creek | Plant Name: | Plant Name: | No. |
| (c) | | (d) | | (e) |
| | | | | |
| | | | | |
| | Outdoor | | | 1 |
| | 1991 | | | 2 |
| | 1991 | | | 3 |
| | 1,065 | | | 4 |
| | 1,396 | | | 5 |
| | 3,174 | | | 6 |
| | 1,360 34 | | | 8 |
| | 2,187,933,000 | | | 9 |
| | 2,756,385,000 | | | 10 |
| | -568,452,000 | | | 11 |
| | 000,102,000 | | | 12 |
| | 1,145,342 | | | 13 |
| | 225,758,671 | | | 14 |
| | 455,096,272 | | | 15 |
| | 235,035,790 | | | 16 |
| | 57,388,547 | | | 17 |
| | 27,697,431 | | | 18 |
| | 17,869,699 | | | 19 |
| | | | | 20 |
| | 1,019,991,752 | | | 21 |
| | 957.7387 | | | 22 |
| | | | | 23 |
| | 1,441,299 | | | 24 |
| | 070 | | | 25 |
| | -870 | | | 26 |
| | 891,008 2,255,161 | | | 28 |
| | 2,255,161 | | | 29 |
| | 885,050 | | | 30 |
| | 494,309 | | | 31 |
| | 543,456 | | | 32 |
| | 1,871,342 | | | 33 |
| | 1,757,500 | | | 34 |
| | 10,138,255 | | | 35 |
| | | | | 36 |
| | 10,138,255 | | | 37 |
| | 0.0046 | | | 38 |
| | | | | |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 408 Line No.: 36 Column: b
Total pumping expenses for all pumped storage hydro units, consisting of fuel costs associated with Kwh reported on Line 10, are estimated to be \$94,305,526.

Schedule Page: 408 Line No.: 36 Column: c

Total pumping expenses for all pumped storage hydro units, consisting of fuel costs associated with Kwh reported on Line 10, are estimated to be \$94,305,526.

| Name | e of Respondent | This Report | t Is: n Original | Date of Re (Mo, Da, \ | /r\ | ear/Period of Report |
|--------|--|-----------------|---|--------------------------|------------------------|-------------------------|
| Duke | Energy Carolinas, LLC | | Resubmission | 04/13/201 | | nd of 2016/Q4 |
| | G | | PLANT STATISTIC | | | |
| 1. Sr | nall generating plants are steam plants of, less tha | ın 25,000 Kw | ; internal combustio | n and gas turbine-pla | ants, conventional I | nydro plants and pumped |
| l . | ge plants of less than 10,000 Kw installed capacity | | | | | |
| | ederal Energy Regulatory Commission, or operate | d as a joint fa | acility, and give a co | ncise statement of the | ne facts in a footnot | e. If licensed project, |
| give p | project number in footnote. | | | N (B) | | |
| Line | Name of Plant | Year Orig. | Installed Capacity Name Plate Rating | Net Peak Demand | Net Generation | Cost of Plant |
| No. | | Const. | (In MW) | MW (60 min.) (d) | Excluding Plant Use | (6) |
| 1 | (a) HYDRO PLANTS: | (b) | (c) | (a) | (e) | (f) |
| | Bear Creek - Project 2698 | 1054 | 0.00 | 10.0 | 19 209 00 | 1 166 201 |
| | • | 1954 | 9.00 | 10.0 | 18,298,00 | |
| | Bryson - Project 2601 | 1925 | | 1.0 | 1,950,00 | + |
| | Cedar Cliff - Project 2698 | 1952 | | 7.0 | 15,833,00 | |
| | Franklin - Project 2603 | 1925 | | 1.0 | 1,746,00 | |
| | Gaston Shoals - Project 2332 | 1908 | | 5.0 | 10,048,00 | |
| | Missions - Project 2619 | 1924 | | 2.0 | 3,683,00 | |
| | Queen's Creek - Project 2694 | 1949 | | 2.0 | 2,068,00 | |
| 9 | Tuckasegee - Project 2686 | 1950 | 3.00 | 3.0 | 2,442,00 | 0 3,759,796 |
| 10 | Tuxedo | 1920 | 5.00 | 8.0 | 18,557,00 | 0 10,808,253 |
| 11 | | | | | | |
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| Name of Respondent | | This Report Is: | inal | Date of Report (Mo, Da, Yr) | Year/Period of Repor | |
|---|--|--|---|--|--|---------------|
| Duke Energy Carolinas, LLC | | (1) X An Original (2) A Resubmission | | 04/13/2017 | End of2016/Q4 | |
| | | | ATISTICS (Small Plant | | • | |
| Page 403. 4. If net percombinations of steam, | ely under subheadings for ste eak demand for 60 minutes is hydro internal combustion or eam turbine regenerative feed | not available, give th gas turbine equipmer | ne which is available, s nt, report each as a se | pecifying period. 5. If parate plant. However, i | any plant is equipped with f the exhaust heat from the | |
| Plant Cost (Incl Asset | Operation | Productio | n Expenses | | Fuel Costs (in cents | 1.5 |
| Retire. Costs) Per MW | Exc'l. Fuel | Fuel | Maintenance | Kind of Fuel | (per Million Btu) | Line No. |
| (g) | (h) | (i) | (j) | (k) | (1) | INO. |
| | | | | | | 1 |
| 462,911 | 62,899 | | 110 |),364 | | 2 |
| 6,521,004 | 69,837 | | 269 | 9,955 | | 3 |
| 1,135,127 | 45,853 | | 114 | 1,635 | | 4 |
| 8,142,538 | 77,119 | | 63 | 3,133 | | 5 |
| 3,666,679 | 472,575 | | 415 | 5,187 | | 6 |
| 4,458,621 | 69,897 | | | 3,335 | | 7 |
| 937,835 | 156,871 | | | 1,364 | | 8 |
| 1,253,265 | 115,944 | | | 3,121 | | 9 |
| 2,161,651 | 170,129 | | | 2,001 | | 10 |
| 2,101,001 | 170,120 | | 212 | 2,001 | | 11 |
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| | e or Respondent e Energy Carolinas, LLC | ` ' | n Original | 1) | Mo, Da, Yr) | | d of 2016/0 | |
|------------------------------------|---|--|---|--|-------------------------------------|--|--|--------------------|
| | | ` ` _ | Resubmission MISSION LINE | | 4/13/2017 | | | _ |
| kilovo | olts or greater. Report transmi | ansmission lines, cost of lines, a ssion lines below these voltages es covered by the definition of tra | nd expenses for in group totals o | year. List each | tage. | · · | · · | |
| 3. Re 4. Ex 5. Inc or (4) | colude from this page any trans dicate whether the type of sup underground construction If a | or all voltages if so required by a smission lines for which plant cosporting structure reported in colutransmission line has more than | sts are included i mn (e) is: (1) sir one type of sup | n Account 121, gle pole wood oporting structure | or steel; (2) H- e, indicate the | frame wood, o mileage of eac | th type of constru | uction |
| remains 6. Report pole r | inder of the line. eport in columns (f) and (g) the ted for the line designated; cor miles of line on leased or partly | es. Minor portions of a transmiss e total pole miles of each transmis nversely, show in column (g) the y owned structures in column (g) | ssion line. Show pole miles of line In a footnote, e | in column (f) the on structures to explain the basis | ne pole miles on the cost of whi | of line on struct ich is reported | ures the cost of for another line. | which is Report |
| respe | | ded in the expenses reported for | _ | | | | | |
| Line No. | DESIGNAT | ION | VOLTAGE (KV (Indicate where other than 60 cycle, 3 pha | | Type of Supporting | LENGTH (In the undergro report cir | (Pole miles) case of bund lines cuit miles) | Number Of |
| | From (a) | To (b) | Operating (c) | Designed (d) | Structure (e) | of Structure of Line Designated (f) | On Structures of Another Line (g) | Circuits (h) |
| | Antioch Tie | Appalachian Power | 525.00 | 525.00 | | 27.89 | | 1 |
| | Cliffside Steam Sta #6 | McGuire SW | 525.00 | 525.00 | | 48.70 | | 1 |
| + | Cliffside Stm | Cliffside SW | 525.00 | | Tower & Pole | 1.14 | | 1 |
| | Jocassee Tie | Bad Creek HYD | 525.00 | 525.00 | | 9.27 | | 1 |
| | Jocassee Tie McGuire SW | Cliffside Tie Antioch Tie | 525.00 525.00 | 525.00 525.00 | | 70.57 54.83 | | 1 |
| | MCGuire SW | Woodleaf Switching | 525.00 | 525.00 | | 29.96 | | 1 |
| | Newport Tie | Progress Energy Rockingham | 525.00 | 525.00 | | 48.33 | | 1 |
| _ | Newport Tie | McGuire Switching | 525.00 | | Tower & Pole | 32.43 | | 1 |
| | Oconee Nuclear | Newport Tie | 525.00 | 525.00 | | 107.47 | | 1 |
| | Oconee Nuclear | South Hall | 525.00 | | Tower & Pole | 22.46 | | 1 |
| | Oconee Nuclear | Jocassee Tie | 525.00 | 525.00 | | 20.89 | | 1 |
| | Pleasant Garden Tie | Parkwood Tie | 525.00 | 525.00 | | 49.29 | | 1 |
| | Woodleaf Switching | Pleasant Garden Tie | 525.00 | 525.00 | | 52.75 | | 1 |
| 15 | vvoodicar owitoring | I leasant carden ne | 020.00 | 020.00 | 101101 | 02.10 | | |
| | TOTAL 525 KV LINES | | | | | 575.98 | | 14 |
| 18 | Allen Steam | Catawba Nuclear | 230.00 | 230.00 | Tower | 10.91 | | 2 |
| 19 | Allen Steam | Riverbend Steam | 230.00 | 230.00 | Tower | 12.58 | | 2 |
| 20 | Allen Steam | Winecoff Tie | 230.00 | 230.00 | Tower | 32.17 | | 2 |
| 21 | Allen Steam | Woodlawn Tie | 230.00 | 230.00 | Tower & Pole | 8.40 | | 2 |
| 22 | Anderson Tie | Hodges Tie | 230.00 | 230.00 | Tower | 25.69 | | 2 |
| 23 | Antioch Tie | Wilkes Tie | 230.00 | 230.00 | | 4.26 | | 2 |
| | Beckerdite Tie | Belews Creek Steam | 230.00 | 230.00 | | 24.67 | | 2 |
| | Beckerdite Tie | Pleasant Garden Tie | 230.00 | 230.00 | | 28.29 | | 2 |
| | Belews Creek Steam | Ernest Switching Station | 230.00 | 230.00 | | 13.61 | | 2 |
| | Belews Creek Steam | North Greensboro Tie | 230.00 | 230.00 | | 21.58 | | 2 |
| | Belews Creek Steam | Pleasant Garden Tie | 230.00 | | Tower & Pole | 38.76 | | 2 |
| | Belews Creek Steam | Rural Hall Tie | 230.00 | 230.00 | | 18.28 | | 2 |
| - | Bobwhite Switching | North Greensboro Tie | 230.00 | 230.00 | | 3.87 23.76 | | 2 |
| | Buck Tie Catawba Nuclear | Beckerdite Tie | 230.00 230.00 | 230.00 | Tower & Pole | 10.38 | | 2 |
| | Catawba Nuclear Catawba Nuclear | Newport Tie Pacolet Tie | 230.00 | 230.00 | | 41.01 | | 2 |
| | Catawba Nuclear | Pacoiet Tie Peacock Tie | 230.00 | 230.00 | | 14.90 | | 2 |
| | Catawba Nuclear | Ripp Switching Station | 230.00 | 230.00 | | 24.32 | | 2 |
| 36 | | | | | TOTAL | 8,246.77 | 43.89 | 2,514 |

| | e of Respondent | This F | | : ls: i Original | | Date of Report (Mo, Da, Yr) | | ear/Period of Rep and of 2016/0 | |
|---|--|--|---|--|---|--|--|---|--|
| Duke | Energy Carolinas, LLC | (2) | | Resubmission | | 04/13/2017 | E | nd of | 4 |
| | | TF | RANS | MISSION LINE | STATISTICS | | * | | |
| kilovo 2. Tr subst 3. Re 4. Ex 5. In or (4) by the rema 6. Re repor | eport information concerning tra- olts or greater. Report transmis ansmission lines include all line ation costs and expenses on the eport data by individual lines for colude from this page any transi- dicate whether the type of supp underground construction If a re- e use of brackets and extra line inder of the line. eport in columns (f) and (g) the ted for the line designated; com- miles of line on leased or partly act to such structures are includ- | sion lines below these voltes covered by the definition als page. I all voltages if so required mission lines for which plan orting structure reported in transmission line has more s. Minor portions of a transtotal pole miles of each transversely, show in column (gowned structures in column | ages in of transport of transport of transport of the part of the | in group totals of insmission systems. State commission systems in the commission in | nly for each vo em plant as giv in. n Account 121 ngle pole wood porting structu erent type of co v in column (f) to e on structures explain the bas | Itage. en in the Unifo , Nonutility Pro or steel; (2) H re, indicate the onstruction nee the pole miles of the cost of wh | ppertyframe wood, or mileage of early do not be disting of line on struction is reported | Accounts. Do not or steel poles; (3) ch type of constriguished from the tures the cost of for another line. | tower; uction which is Report |
| | | | | | | | | | |
| Line No. | DESIGNATION | ON | | VOLTAGE (KV (Indicate where other than | /) e | Type of | LENGTH (In the undergr | l (Pole miles) case of ound lines rcuit miles) | Number |
| | | T | | 60 cycle, 3 pha | ase) | Supporting | report či On Structure | | Of |
| | From | To | | Operating | Designed | Structure | of Line Designated | On Structures of Another Line | Circuits |
| | (a) | (b) | | (c) | (d) | (e) | (f) | (g) | (h) |
| 1 | Central Tie | Anderson Tie | | 230.00 | | 0 Tower | 23.2 | | 2 |
| 2 | Cliffside Steam | Pacolet Tie | | 230.00 | | 0 Tower | 23.1 | | 2 |
| 3 4 | Cliffside Steam Cowans Ford Hydro | Shelby Tie McGuire Switching | | 230.00 230.00 | | 0 Tower 0 Tower | 14.0 | | 2 |
| 5 | East Durham Tie | Parkwood Tie | | 230.00 | | 0 Tower | 19.3 | | 2 |
| | Eno Tap Bent | Progress Energy (Roxbor | o) | 230.00 | | 0 Tower | 13.8 | | 2 |
| 7 | Eno Tap Bent | East Durham Tie | 0) | 230.00 | | 0 Tower | 15.7 | | 2 |
| | Ernest Switching Station | Sadler Tie | | 230.00 | | 0 Tower | 12.5 | | 2 |
| | Harrisburg Tie | Oakboro Tie | | 230.00 | | 0 Tower | 21.3 | | 2 |
| | Hartwell Hydro | Anderson Tie | | 230.00 | | 0 Tower | 11.9 | | 2 |
| 11 | Jocassee Switching | Shiloh Switching | | 230.00 | | 0 Tower | 22.3 | 3 | 2 |
| 12 | Jocassee Switching | Tuckasegee Tie | | 230.00 | 230.0 | 0 Tower | 26.7 | 1 | 2 |
| 13 | Lakewood Tie | Riverbend Steam | | 230.00 | 230.0 | 0 Tower | 10.6 | 4 | 2 |
| 14 | Lincoln CT | Longview Tie | | 230.00 | 230.0 | 0 Tower | 30.9 | 6 | 2 |
| 15 | Longview Tie | McDowell Tie | | 230.00 | 230.0 | 0 Tower | 31.6 | 9 | 2 |
| 16 | Marshall Steam | Beckerdite Tie | | 230.00 | 230.0 | 0 Tower | 52.4 | 7 | 2 |
| 17 | Marshall Steam | Longview Tie | | 230.00 | 230.0 | 0 Tower | 28.9 | 1 | 2 |
| 18 | Marshall Steam | McGuire Switching | | 230.00 | 230.0 | 0 Tower | 13.8 | 4 | 2 |
| 19 | Marshall Steam | Stamey Tie | | 230.00 | 230.0 | 0 Tower | 13.5 | 5 | 2 |
| 20 | Marshall Steam | Winecoff Tie | | 230.00 | 230.0 | 0 Tower | 24.2 | 8 | 2 |
| 21 | McGuire Switching | Harrisburg Tie | | 230.00 | 230.0 | 0 Tower | 36.1 | 9 | 4 |
| 22 | Mitchell River Tie | Antioch Tie | | 230.00 | 230.0 | Tower & Pole | 16.8 | 2 | 2 |
| 23 | Mitchell River Tie | Rural Hall Tie | | 230.00 | 230.0 | 0 Tower | 26.6 | 1 | 2 |
| | Morningstar Tie | Oakboro Tie | | 230.00 | | 0 Tower | 32.5 | 0 | 1 |
| | North Greenville Tie | Central Tie | | 230.00 | | 0 Tower & Pole | 26.1 | | 2 |
| | North Greenville Tie | Shiloh Switching | | 230.00 | | 0 Tower | 8.9 | | 2 |
| | Newport Tie | Morningstar Tie | | 230.00 | | Tower & Pole | 33.4 | | 1 |
| | Newport Tie | SCE&G (Parr) | | 230.00 | | 0 Tower | 45.6 | | 1 |
| | Oakboro Tie | Progress Energy Rocking | nam | 230.00 | | 0 Tower | 5.1 | | 1 |
| | Oconee Nuclear | Central Tie | | 230.00 | | O Tower & Polo | 17.6 | | 4 |
| | Oconee Nuclear Oconee Nuclear | Jocassee Switching North Greenville Tie | | 230.00 230.00 | | Tower & Pole Tower & Pole | 12.3 29.0 | | 2 |
| | Pacolet Tie | Tiger Tie | | 230.00 | | 0 Tower & Pole | 29.0 | | 2 2 |
| | Peach Valley Tie | Tiger Tie | | 230.00 | | 0 Tower | 15.5 | | 2 |
| | Pisgah Tie | Progress Energy Skyland | Stm | 230.00 | | 0 Tower | 14.4 | | 2 |
| 36 | | | | | | TOTAL | 8,246.7 | 7 43.89 | 2,514 |
| 30 | | | | | | 1.01/12 | 0,240.7 | 1 43.09 | 2,314 |

| | e of Respondent | | This F (1) | | t Is: n Original | | D (! | ate of Report lo, Da, Yr) | | ear/Period of Rep and of 2016/0 | I |
|--|---|--|--|---|--|--|--|--|--|---|--|
| Duke | e Energy Carolinas, LLC | | (2) | | Resubmission | | 0 | 4/13/2017 | | 10 01 | |
| | | • | TI | RANS | MISSION LINE | STATISTI | CS | | • | | |
| kilovo 2. Tr subst 3. Re 4. Ex 5. Ind or (4) by the rema 6. Re repor | eport information concerning tra- bits or greater. Report transmission lines include all lines ansmission lines include all lines attion costs and expenses on the eport data by individual lines for acclude from this page any trans- dicate whether the type of supply underground construction If a second enderground endergr | sion lines below the as covered by the de is page. If all voltages if so remission lines for whorting structure reparansmission line has. Minor portions of total pole miles of eversely, show in colowned structures in | ese voltefinition equired ich pla orted ir as more f a tran each tra dumn (g n colum | by a some columns that the columns that | in group totals of ansmission systems. State commission strain are included mn (e) is: (1) si one type of supsion line of a diffession line. Show pole miles of lin. In a footnote, of | only for each plant as on. in Account angle pole wo porting structure on structure explain the | th voltes gives 121, vood of ucture of core of (f) the | Nonutility Pro or steel; (2) He, indicate the nstruction nee | perty. frame wood, comileage of each of not be distinged in the construction of line on struction is reported. | Accounts. Do not or steel poles; (3) ch type of constriguished from the tures the cost of for another line. | tower; uction which is Report |
| | | | | | | | | | | | |
| Line No. | DESIGNATIO | ON | | | VOLTAGE (KV (Indicate wher other than 60 cycle, 3 ph | é | | Type of Supporting | LENGTH (In the undergr report cir | (Pole miles) case of ound lines cuit miles) | Number Of |
| | From (a) | To (b) | | | Operating (c) | Design (d) | ied | Structure (e) | On Structure of Line Designated (f) | On Structures of Another Line (g) | Circuits (h) |
| 1 | Pleasant GardenTie | Eno Tie | | | 230.00 | 2 | 230.00 | Tower | 42.52 | | 2 |
| _ | Ripp Switching | Riverview Switchin | ng | | 230.00 | | | Tower | 9.68 | | 2 |
| | Ripp Switching | Shelby Tie | | | 230.00 | | | Tower | 9.96 | | 2 |
| | Riverbend Steam | Lincoln CT | | | 230.00 | | | Tower & Pole | 11.54 | | 2 |
| | Riverband Steam | McGuire Switching | J | | 230.00 | | | Tower | 5.63 | | 2 |
| | Riverbend Steam | Ripp Switching | | | 230.00 | | | Tower Tower | 29.99 | | 2 |
| - | Riverview Switching SCE&G (Parr) | Peach Valley Tie Bush River Tie | | | 230.00 | | | Tower | 17.74 | | 1 |
| _ | Shady Grove Tap | Shady Grove Tie | | | 230.00 | | | Tower | 7.79 | | 2 |
| | Shiloh Switching | Pisgah Tie | | | 230.00 | | | Tower | 21.96 | | 2 |
| _ | Shiloh Switching | Tiger Tie | | | 230.00 | | | Tower | 21.31 | | 2 |
| _ | Stamey Tie | Mitchell River Tie | | | 230.00 | 2 | 230.00 | Tower | 36.15 | 5 | 2 |
| 13 | Tiger Tie | North Greenville T | ie | | 230.00 | 2 | 230.00 | Tower | 18.29 |) | 2 |
| 14 | Winecoff Tie | Buck Tie | | | 230.00 | 2 | 230.00 | Tower | 24.09 | 9 | 2 |
| 15 | | | | | | | | | | | |
| | TOTAL 230 KV LINES | | | | | | | | 1,394.17 | 7 | 135 |
| 17 | | | | | | | | _ | | | |
| _ | Fontana (TVA) | Nantahala Hydro | | | 161.00 | | | Tower | 18.48 | | 1 |
| | Nantahala Hydro | Webster Tie | | | 161.00 161.00 | | 161.00 161.00 | Tower | 12.63 16.80 | | 1 |
| | Nantahala Hydro Nantahala Hydro | Marble Tie Robbinsville Subst | ation | | 161.00 | | | Tower | 0.03 | | 1 |
| | Santeetlah | Robbinsville Subst | | | 161.00 | | | Tower | 0.03 | | 1 |
| | Tuckasegee Tie | Thorpe Hydro | | | 161.00 | | | Tower & Pole | 3.17 | | 1 |
| | Tuckasegee Tie | Wests Mill Tie | | | 161.00 | | | Tower | 10.44 | | 1 |
| | Webster Tie | Lake Emory Tie | | | 161.00 | | 161.00 | | 12.71 | | 1 |
| _ | Wests Mill Tie | Lake Emory Tie | | | 161.00 | 1 | 161.00 | Pole | 6.71 | | 1 |
| 27 | Wests Mill Tie | Nantahala Hydro | | | 161.00 | 1 | 161.00 | Tower | 12.98 | 3 | 1 |
| | Wests Mill Tie | Swain Tie | | | 161.00 | 1 | 161.00 | Tower & Pole | 12.34 | 1 | 1 |
| 29 | | | | | | | | | | | |
| | TOTAL 161 KV LINES | | | | | | | | 106.73 | 43.89 | 12 |
| 31 | Dan Divor Ctarra | Annoleshia: D: | m /F:-1 | do!- | 420.00 | ļ . | 120 00 | Tower O Dala | 0.50 | | |
| | Dan River Steam 115 KV Lines | Appalachian Powe | ır (FIEIC | Jale | 138.00 115.00 | | | Tower & Pole Tower & Pole | 6.50 54.93 | | 5 |
| | 100 KV Lines | | | | 100.00 | | | Tower | 770.49 | | 248 |
| _ | 100 KV Lines | | | | 100.00 | | 100.00 | | 189.23 | | 251 |
| 36 | | | | | | | | TOTAL | 8,246.77 | 7 43.89 | 2,514 |

| | e of Respondent | | This (1) | Repor | t Is: n Original | | D (1 | ate of Report Mo, Da, Yr) | | ear/Period of Rep | I |
|--|---|--|---|--|---|--|------------------------|---|-----------------------|---------------------------------|----------|
| Duk | e Energy Carolinas, LLC | | (2) | | Resubmission | | , | 4/13/2017 | Er | id of 2016/0 | |
| | | | 7 | RANS | MISSION LINE | STATISTIC | CS | | * | | |
| kilovo 2. Tr subsi 3. Ro 4. Ex | eport information concerning tra bits or greater. Report transmis cansmission lines include all line tation costs and expenses on the eport data by individual lines for kelude from this page any transi dicate whether the type of supp | sion lines below the es covered by the de his page. r all voltages if so re mission lines for wh | ese vo efinitio equired nich pla | Itages on of tra d by a ant cos | in group totals of ansmission syste State commissions are included | only for eac em plant as on. in Account | h volt give 121, | tage. In in the Unifor Nonutility Pro | rm System of A | Accounts. Do no | t report |
| | underground construction If a | | | | | | | | | | |
| , , | e use of brackets and extra line | | | | • • • • • | | | | - | • • | I |
| | inder of the line. | | | | | | (5) (1) | | · | | |
| | eport in columns (f) and (g) the ted for the line designated; con | | | | | | | | | | |
| pole | miles of line on leased or partly ect to such structures are includ | owned structures in | n colui | mn (g) | In a footnote, | explain the | | | | | |
| | | | | | | | | | | | |
| Line | DESIGNATION | ON | | | VOLTAGE (K\ (Indicate wher | /) e | | Type of | LENGTH (In the | (Pole miles) | Number |
| No. | | | | | other than 60 cycle, 3 pha | | | Supporting | undergr report cir | case of cound lines cuit miles) | Of |
| | Erom | То | | | | | o.d | 1 " | On Structure | On Structures of Another | Circuits |
| | From (a) | To (b) | | | Operating (c) | Design (d) | eu | Structure (e) | of Line Designated | Line | (b) |
| 1 | . , | (5) | | | 100.00 | ` ' | ባባ ባባ | Underground | (†) 5.47 | (g) | (h) |
| 2 | 100 KV Lines 100 kV Lines | | | | 100.00 | <u>'</u> | 00.00 | Tower & Pole | 2,586.01 | | 375 |
| 3 | TOTAL 100 - 138 KV LINES | | | | 100.00 | | | TOWER & FORE | 3,612.63 | | 888 |
| 4 | TOTAL 100 - 100 RV LINEO | | | | | | | | 0,012.00 | | 000 |
| <u> </u> | 66 KV Lines | | | | 66.00 | | 66.00 | Pole | 101.01 | | 25 |
| 6 | 66 KV Lines | | | | 66.00 | | 66.00 | Tower & Pole | 4.56 | j | 3 |
| 7 | | | | | | | | | | | |
| 8 | TOTAL 66 KV LINES | | | | | | | | 105.57 | , | 28 |
| 9 | | | | | | | | | | | |
| 10 | 44 KV Lines | | | | 44.00 | | | Tower | 0.14 | | 9 |
| | 44 KV Lines | | | | 44.00 | | 44.00 | | 1,420.37 | | 1,110 |
| | 44 KV Lines | | | | 44.00 | | | Underground | 7.39 | | 15 |
| | 44 kV Lines | | | | 44.00 | | 44.00 | Tower & Pole | 925.53 | | 191 |
| 15 | TOTAL 44 KV LINES | | | | | | | | 2,353.43 |) | 1,325 |
| | 33 KV Lines | | | | 33.00 | | 33 00 | Tower & Pole | 16.02 |) | 5 |
| | 24 KV Lines | | | | 24.00 | | | Tower & Pole | 54.64 | | 50 |
| | 24 KV Lines | | | | 24.00 | | | Underground | 0.95 | | 2 |
| 19 | 12 KV Lines | | | | 12.00 | | | Tower & Pole | 26.41 | | 53 |
| 20 | 12 KV Lines | | | | 12.00 | | 12.00 | Underground | 0.24 | | 2 |
| 21 | | | | | | | | | | | |
| 22 | TOTAL 12-33 KV LINES | | | | | | | | 98.26 | | 112 |
| 23 | | | | | | | | | | | |
| 24 25 | | | | | | | | | | | |
| 26 | | | | | | | | | | | |
| 27 | | | | | | | | | | | |
| 28 | | | | | | | | | | | |
| 29 | | | | | | | | | | | |
| 30 | | | | | | | | | | | |
| 31 | | | | | | | | | | | |
| 32 | | | | | | | | | | | |
| 33 | | | | | | | | | | | |
| 34 | | | | | | | | | | | |
| 35 | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 36 | | 1 | | | | | | TOTAL | 8,246.77 | 43.89 | 2,514 |
| 30 | | <u> </u> | | | | | | | 0,240.77 | 45.09 | ۷,514 |

| Name of Respond | | | This Report Is: | ginal | Date of Report (Mo, Da, Yr) | | Year/Period of Report End of 2016/Q4 | |
|--|---|--|--|--|--|--|---|-------------------|
| Duke Energy Car | rolinas, LLC | | ` ' | ubmission | 04/13/2017 | | | |
| 7. De met mement t | | | | LINE STATISTICS (| | U | Decimate in a factuat | ie |
| you do not include pole miles of the page 8. Designate any give name of less which the respondarrangement and expenses of the Lother party is an age. Designate any determined. Spec | e Lower voltage liperimary structure or transmission line or, date and term dent is not the sol giving particulars ine, and how the associated compart ransmission line cify whether lesses | ines with higher volt in column (f) and the e or portion thereof the is of Lease, and am le owner but which is (details) of such m expenses borne by any. e leased to another ee is an associated | tage lines. If two or the pole miles of the for which the respondent of rent for year the respondent operatters as percent or the respondent are company and give company. | r more transmission other line(s) in colur other line(s) in colur ondent is not the sole ar. For any transmisserates or shares in the ownership by responde accounted for, and | line structures suppo nn (g) owner. If such proposion line other than a se operation of, furnis dent in the line, name | rt lines of the erty is leased leased line, h a succinct of co-owner Specify whet | her lessor, co-owner, o | the ny, the |
| Size of | | E (Include in Colum and clearing right-of | 3, | EXPEN | SES, EXCEPT DEPR | RECIATION | AND TAXES | |
| Conductor | Land | Construction and | Total Cost | Operation | Maintenance | Rents | Total | Lina |
| and Material (i) | (j) | Other Costs (k) | (I) | Expenses (m) | Expenses (n) | (0) | Expenses (p) | Line No. |
| 2515 | 07 | (1-) | (1) | () | () | | (P) | 1 |
| 2515 | | | | | | | | 2 |
| 2515 | | | | | | | | 3 |
| 2515 | | | | | | | | 4 |
| 2515 | | | | | | | | 5 |
| 2515 | | | | | | | | 6 |
| 2515 | | | | | | | | 7 |
| 2515 2515 | | | | | | | | 8 |
| 2515 | | | | | | | | 10 |
| 2515 | | | + | | | | | 11 |
| 2515 | | | | | | | | 12 |
| 2515 | | | | | | | | 13 |
| 2515 | | | | | | | | 14 |
| | 20,646,777 | 106,612,320 | 127,259,097 | | | | | 15 |
| | 20,646,777 | 106,612,320 | 127,259,097 | | | | | 16 |
| | | | | | | | | 17 |
| 1272 | | | | | | | | 18 |
| 1272 | | | | | | | | 19 |
| 954 & 1272 | | | | | | | | 20 |
| 2156 | | | | | | | | 21 |
| 954 | | | | | | | | 22 |
| 954 | | | | | | | | 23 |
| 2156 | | | | | | | | 24 |
| 954 1272 | | | | | | | | 25 26 |
| 2156 | | | | | | | | 26 |
| 2156 | | | + | | | | | 28 |
| 2156 | | | + | | | | | 29 |
| 2156 | | | + | | | | | 30 |
| 954 | | | | | | | | 31 |
| 1272 | | | | | | | | 32 |
| 954 | | | | | | | | 33 |
| 1272 | | | | | | | | 34 |
| 1272 | | | | | | | | 35 |
| | 173,563,625 | 1,741,578,140 | 1,915,141,765 | 952,854 | 18,029,503 | | 18,982,35 | 7 36 |

| Name of Respond Duke Energy Car | | | This Report Is: (1) X An Ori | | Date of Repo (Mo, Da, Yr) | rt | Year/P End of | eriod of Report 2016/Q4 | |
|--|--|--|--|---|--|--|---|---|------------------|
| Duke Lileigy Cai | Olinas, LLC | | 1 ` · · | ubmission | 04/13/2017 | | 2110 01 | | |
| 7 . D | h 4 | | | LINE STATISTICS (| , | 1 | Una Danie | | - :c |
| you do not include pole miles of the page 8. Designate any give name of lessowhich the respondarrangement and expenses of the Lother party is an age. Designate any determined. Special supplements of the control of th | e Lower voltage le orimary structure transmission lin- or, date and term dent is not the so giving particulars ine, and how the associated comp transmission lin- cify whether less | lines with higher volume in column (f) and the e or portion thereofons of Lease, and amoble owner but which is (details) of such me expenses borne by any. e leased to another see is an associated | tage lines. If two one pole miles of the for which the respondent operaters as percent of the respondent are company and give company. | r voltage Lines and r more transmission other line(s) in coluin ondent is not the sole ar. For any transmiserates or shares in the ownership by response accounted for, and name of Lessee, days cost at end of year. | line structures support (g) e owner. If such prosision line other than the operation of, furrodent in the line, nard accounts affected attended to the line of learning that t | operty is let a leased hish a successed ne of co-o . Specify | eased from line, or por cinct staten owner, basis whether les | e voltage, report another compan tion thereof, for nent explaining to s of sharing ssor, co-owner, o | the ny, he |
| Size of | | E (Include in Colum | ٠, | EXPEN | NSES, EXCEPT DE | PRECIAT | TION AND T | ΓAXES | |
| Conductor and Material | Land | Construction and Other Costs | Total Cost | Operation Expenses | Maintenance Expenses | Rent | | Total Expenses | Line No. |
| (i) 954 | (j) | (k) | (1) | (m) | (n) | (0) | | (p) | 1 1 |
| 954 | | + | | | | | | | 2 |
| 954 | | | | | | | | | 3 |
| 795 | | | | | | | | | 4 |
| 1272 | | | | | | | | | 5 |
| 1272 | | | | | | | | | 6 |
| 1272 | | | | | | | | | 7 |
| 1272 | | | | | | | | | 8 |
| 954 | | | | | | | | | 9 |
| 954 | | | | | | | | | 10 |
| 2156 | | | | | | | | | 11 |
| 1272 | | | | | | | | | 12 |
| 954 | | | | | | | | | 13 |
| 795 | | | | | | | | | 14 |
| 954 | | | | | | | | | 15 |
| 954 | | | | | | | | | 16 |
| 1272 | | | | | | | | | 17 |
| 1272 | | | | | | | | | 18 |
| 954 | | | | | | | | | 19 |
| 1272 | | | | | | | | | 20 |
| 1272 | | | | | | | | | 21 |
| 954 | | | | | | | | | 22 |
| 954 | | | | | | | | | 23 |
| 954 954 | | | | | | | | | 24 25 |
| 954 954 | | | | | | | | | 26 |
| 954 | | | | + | | | | | 27 |
| 954 | | + | | + | | | | | 28 |
| 954 | | | | | | | | | 29 |
| 1272 | | + | | + | | | | | 30 |
| 2156 | | | | | | | | | 31 |
| 1272 | | + | | + | | | | | 32 |
| 954 | | | | + | | | | | 33 |
| 795 | | | | | | | | | 34 |
| 154 | | | | | | | | | 35 |
| | 173,563,625 | 5 1,741,578,140 | 1,915,141,765 | 952,854 | 18,029,503 | | | 18,982,357 | 7 36 |

| Name of Respond | | | This Report Is: | ginal | Date of Report (Mo, Da, Yr) | | Year/Period of Report End of 2016/Q4 | |
|--|---|---|---|---|---|--|--|-------------------|
| Duke Energy Car | rolinas, LLC | | ` ' | ubmission | 04/13/2017 | | | |
| 7. Do not nonemat | h | | | LINE STATISTICS (| • | | . Designate in a feetnat | :c |
| you do not include pole miles of the page 8. Designate any give name of less which the respondarrangement and expenses of the Lother party is an age. Designate any determined. Special supports of the control of the c | e Lower voltage liprimary structure transmission line or, date and term dent is not the sol giving particulars ine, and how the associated compatransmission line cify whether lesses | ines with higher volt in column (f) and the e or portion thereof f as of Lease, and am le owner but which to s (details) of such may expenses borne by any. e leased to another of ee is an associated | age lines. If two of the pole miles of the for which the respondent operatters as percent of the respondent are company and give company. | r more transmission other line(s) in colur ondent is not the sole ar. For any transmisserates or shares in the ownership by responde accounted for, and | line structures supporting (g) owner. If such propision line other than a see operation of, furnistent in the line, name accounts affected. | ort lines of the least leased lines a succine of co-owr Specify when the lines of the lines of the least lea | e. Designate in a footnot the same voltage, report sed from another compar e, or portion thereof, for ct statement explaining ther, basis of sharing nether lessor, co-owner, we ent for year, and how | the ny, the |
| Size of | | E (Include in Columi and clearing right-of | 9, | EXPEN | SES, EXCEPT DEP | RECIATIO | N AND TAXES | |
| Conductor - | Land | Construction and | Total Cost | Operation | Maintenance | Rents | Total | |
| and Material (i) | (j) | Other Costs (k) | (I) | Expenses (m) | Expenses (n) | (0) | Expenses (p) | Line No. |
| 954 | U) | (K) | (1) | (111) | (11) | (-) | (P) | 1 |
| 795 | | | | | | | | 2 |
| 954 | | | | | | | | 3 |
| 795 | | | | | | | | 4 |
| 1272 | | | | | | | | 5 |
| 795 | | | | | | | | 6 |
| 795 954 | | | | | | | | 7 |
| 2515 | | | | | | | | 8 |
| 954 | | | | | | | | 10 |
| 1272 | | | | | | | | 11 |
| 954 | | | | | | | | 12 |
| 954 | | | | | | | | 13 |
| 954 | | | | | | | | 14 |
| | 41,393,693 | 268,324,930 | 309,718,623 | | | | | 15 |
| | 41,393,693 | 268,324,930 | 309,718,623 | | | | | 16 |
| | | | | | | | | 17 |
| 795 | | | | | | | | 18 |
| 795 | | | | | | | | 19 |
| 795 795 | | | | | | | | 20 |
| 795 | | | | | | | | 22 |
| 397.5 | | | | | | | | 23 |
| 795 | | | | | | | | 24 |
| 636 | | | | | | | | 25 |
| 795 | | | | | | | | 26 |
| 795 | | | | | | | | 27 |
| 954 | | | | | | | | 28 |
| | 3,466,178 | | 113,953,967 | | | | | 29 |
| | 3,466,178 | 110,487,789 | 113,953,967 | | | | | 30 |
| 177 | | | | | | | | 31 |
| *** | | | | | | | | 33 |
| | | | | | | | | 34 |
| | | | | | | | | 35 |
| | 173,563,625 | 1,741,578,140 | 1,915,141,765 | 952,854 | 18,029,503 | | 18,982,35 | 7 36 |

| Name of Respond Duke Energy Car | | | This Report Is: (1) X An Ori | | Date of Repo (Mo, Da, Yr) | ort | Year/P End of | Period of Report 2016/Q4 | |
|--|---|--|---|---|---|--------------------------------------|---|---|----------|
| | Olirias, ELO | | ` ´ L | ubmission LINE STATISTICS | 04/13/2017 (Continued) | | | | |
| | | | twice. Report Low | rer voltage Lines and remove transmission | d higher voltage line | | | | |
| Designate any give name of lesso which the respond arrangement and | transmission line or, date and term dent is not the sol giving particulars | e or portion thereof f is of Lease, and am le owner but which t (details) of such m | for which the respondent of rent for year the respondent op- atters as percent of | e other line(s) in colu- ondent is not the sole ar. For any transmis erates or shares in to ownership by respon- re accounted for, an- | e owner. If such prossion line other than he operation of, furn dent in the line, nar | a leased nish a suc me of co-o | line, or por cinct staten wner, basis | tion thereof, for nent explaining to s of sharing | he |
| other party is an a 9. Designate any determined. Spec | ssociated compa transmission line cify whether lesse | any. e leased to another ee is an associated | company and give company. | name of Lessee, da | ate and terms of lea | | | | Ji |
| Size of | | E (Include in Colum | 3, | EXPE | NSES, EXCEPT DE | PRECIAT | TION AND | TAXES | |
| Conductor – and Material | | Construction and Other Costs | Total Cost | Operation Expenses | Maintenance Expenses | Ren | ts | Total Expenses | Line |
| (i) | (j) | (k) | (1) | (m) | (n) | (0) | | (p) | No. |
| | 75,709,186 | | 921,746,128 | | | | | | 2 |
| | 75,709,186 | 846,036,942 | 921,746,128 | | | | | | 3 |
| | | | | | | | | | 5 |
| | | | | | | | | | 6 |
| | 5,793,848 5,793,848 | 36,644,563 36,644,563 | 42,438,411 42,438,411 | | | | | | 7 8 |
| | 3,733,040 | 30,044,303 | 42,430,411 | | | | | | 9 |
| | | | | | | | | | 10 |
| | | | | | | | | | 11 |
| + | 26,124,365 | 367,411,538 | 393,535,903 | | | | | | 12 |
| | 26,124,365 | 367,411,538 | 393,535,903 | | | | | | 14 |
| | | | | | | | | | 15 |
| | | | | | | | | | 16 17 |
| | | | | | | | | | 18 |
| | | | | | | | | | 19 |
| | 400 570 | 0.000.050 | 0.400.000 | | | | | | 20 |
| | 429,578 429,578 | 6,060,058 6,060,058 | 6,489,636 6,489,636 | | | | | | 21 |
| | 120,010 | 0,000,000 | 0, 100,000 | | | | | | 23 |
| | | | | | | | | | 24 |
| | | | | | | | | | 25 26 |
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| | | | | | | | | | 30 31 |
| | | | | | | | | | 32 |
| | | | | | | | | | 33 |
| | | | | 952,854 | 18,029,503 | | | 18,982,357 | 34 |
| | | | | | | | | | |
| | 173,563,625 | 1,741,578,140 | 1,915,141,765 | 952,854 | 18,029,503 | | | 18,982,357 | 36 |

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| · | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

| Schedule Page: 422 | Line No.: 1 | Column: h |
|--------------------|-------------|------------------|
| For column (h) th | e number of | circuits - 1 & 2 |
| Schedule Page: 422 | Line No.: 1 | Column: i |

All Conductors in column (i) are ACSR shown in MCM.

| | e of Respondent e Energy Carolinas, LLC | (1 | | Original | | (Mo, I | of Report Da, Yr) | Year/Period of 2 | of Report 2016/Q4 |
|-------|--|---------------------------|-------------|-----------------------|----------------|----------|-----------------------|------------------|----------------------|
| Duk | e Lifergy Carolinas, LLC | (2 | · — | Resubmissio | n DDED DURI | 04/13 | | | |
| 1 R | eport below the information | | | | | | | is not necessa | ry to report |
| | or revisions of lines. | | 9 | | | | | | . y 10 . op 0. t |
| | rovide separate subheading | | - | | | | | | |
| costs | s of competed construction a | - | able for re | - | | | - | ort in these col | umns the |
| Line | LINE DES | SIGNATION | | Line Lenath | SUPPO | DRTING S | TRUCTURE | CIRCUITS PE | R STRUCTUR |
| No. | From | То | | Length in Miles | Тур | e | Average Number per | Present | Ultimate |
| | (a) | (b) | | (c) | (d) |) | Miles (e) | (f) | (g) |
| 1 | Overhead New Lines | | | | | | | | |
| 2 | Barrier Rd Retail tap | | | 2.78 | Poles | | 9.0 | 0 1 | 1 |
| 3 | COLUMBO PORTUCELL | | | 0.15 | Poles | | 19.6 | 0 1 | 1 |
| 4 | GITI Tap | | | | Poles | | 9.8 | | 1 |
| | RUTHERFORD SOLAR | | | | Poles | | 16.7 | 0 1 | 1 |
| | CAROLINA POLY TAP | | | | Poles | | 17.6 | | 1 |
| | STETSON TAP | DERITA DIST (Techr | nology | 0.56 | Towers & Po | oles | 7.1 | 0 1 | 1 |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | 1 | |
| | Major Rebuild/Removals | Decree Of Otetier (line | > | 12.07 | Dalaa | | 04.0 | 0 4 | |
| | Gregg Shoals | Penny St Station (line | - | | Poles | -1 | 24.3 | | |
| | Monroeton Ret tap | Ball Metal Reidsville I | | | Towers & Poles | oles | 11.8 | | 2 |
| | Gregg Shoals | Gregg 44kV (line rem | iovai) | | Poles | | 60.4 | | |
| | Alice Mfg Tap (line removal) Longview Tie | Miller Hill Tie (line reb | nu) | | Towers & Po | olon | 17.2 9.3 | _ | |
| | Pumping Station Tap (line | Willer Hill He (lifte fer | Ju) | | Poles | ules | 31.9 | | 2 |
| 22 | | | | 0.41 | 1 0163 | | 31.5 | 1 | |
| 23 | | | | | | | | | |
| 24 | | | | | | | | | |
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| | | | | | | | | | |
| 44 | TOTAL | | | 45.84 | | | 234.70 | 14 | 10 |

| | Respondent | | This Re | eport Is: ≺∏An Original | | Date of Report (Mo, Da, Yr) | | rear/Period of Report | |
|------------|---------------------|---------------------|--------------------|----------------------------|---------------------|--------------------------------|--------------------|-----------------------|------|
| Duke Ene | ergy Carolinas, LLC | | (2) | A Resubmission | | 04/13/2017 | | End of 2016/Q4 | |
| | | - | TRANŚMISSIO | N LINES ADDED | DURING YEAR | R (Continued) | * | | |
| | | er, if estimated am | | | | | ights-of-Wa | y, and Roads and | |
| | | ppropriate footnote | | - | | | | | |
| | | from operating vo | oltage, indicat | e such fact by | footnote; also v | where line is ot | her than 60 | cycle, 3 phase, | |
| indicate s | such other charac | cteristic. | | | | | | | |
| | CONDUCT | ORS | Voltage | | | LINE CC | ST | | Line |
| Size | Specification | Configuration | KV | Land and | Poles, Towers | Conductors | Asset | Total | No. |
| (h) | (i) | and Spacing (i) | (Operating) (k) | Land Rights (I) | and Fixtures (m) | and Devices (n) | Retire. Cos (o) | ts (p) | |
| (**) | (1) | 0/ | (17) | (-7 | (, | (/ | (-) | (F) | 1 |
| 556 | ACSR | | 100 | | 1,779,375 | 829,279 | 4,9 | 36 2,613,590 | 2 |
| 556 | ACSR | | 100 | | 118,187 | | ,- | 256,934 | |
| 556 | ACSR | | 100 | | 2,824,264 | | | 4,232,409 | |
| 556 | ACSR | | 100 | | 73,761 | | | 188,144 | _ |
| 556 | ACSR | | 100 | | 108,845 | | | 530,858 | |
| 556 | ACSR | | 100 | | 2,473,081 | | 6,2 | | - |
| 330 | ACCIN | | 100 | | 2,473,001 | 311,943 | 0,2 | 2,731,203 | 8 |
| | | | | | | | | _ | 9 |
| | | | | | | | | | 10 |
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| | | | | | | | | | 13 |
| | | | | | | | | | 14 |
| | | | | | | | | | 15 |
| 5/16" | Steel | OH Static | | | | | 391,8 | | 16 |
| 556 | ACSR | | 44 | | 5,906,715 | 1,558,899 | 684,7 | 83 8,150,397 | 17 |
| 5/16" | Steel | OH Static | | | | | 285,5 | 33 285,533 | 18 |
| 336 | ACSR | | 100 | | | | 8,2 | 28 8,228 | 19 |
| 795 | ACSS/TW | | 100 | | | | 2,917,5 | 65 2,917,565 | 20 |
| 4/0 | ACSR | | 44 | | | | 5 | 75 575 | 21 |
| | | | | | | | | | 22 |
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| | | | | | | | | | |
| | i | i | 1 | | 13,284,228 | 4,783,411 | 4,299,7 | | . / |

| | e of Respondent | This Report Is: (1) X An Original | | Date of Report (Mo, Da, Yr) | Year/Period o | • |
|---|--|---|---|---|----------------|----------|
| Duke | e Energy Carolinas, LLC | (2) A Resubmis | | 04/13/2017 | End of 2 | 2016/Q4 |
| | | SUBST | | , | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M'nctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street railway custor /a except those serve bstations must be sloof each substation, of | mer should not ving customers nown. designating wh | be listed below. with energy for resale, rether transmission or dis | may be grouped | nether |
| Line | | | | | VOLTAGE (In M | Va) |
| No. | Name and Location of Substation | C | Character of Sub | station Primary | Secondary | Tertiary |
| | (a) | | (b) | (c) | (d) | (e) |
| | ABBOTTS CREEK TIE LEXINGTON NC | TRANS | | 100. | | |
| | ABBOTTS CREEK TIE LEXINGTON NC | TRANS | | 100. | | |
| | ABBOTTS CREEK TIE LEXINGTON NC | TRANS | | 100. | | |
| | | TRANS | | 24. | | |
| | ACREROCK TIE DALLAS NC | TRANS | | 44. | | |
| | ACREROCK TIE DALLAS NC | TRANS | | 44. | | |
| | ACREROCK TIE DALLAS NO | TRANS | | 44. | | |
| | ACREROCK TIE DALLAS NC ACREROCK TIE DALLAS NC | TRANS | | 100. | | |
| | ACREROCK TIE DALLAS NC | TRANS | | 100. | | |
| | ACREROCK TIE DALLAS NC | TRANS | | 24. | | |
| | ADVANCE RET ADVANCE NC | DIST | · · · · · · · · · · · · · · · · · · · | 100. | | |
| | ADVANCE RET ADVANCE NC | DIST | | 100. | | |
| | ALBEMARLE CITY DEL 2 ALBEMARLE NC | DIST | | 100. | | |
| | ALBEMARLE CITY DEL 2 ALBEMARLE NC | DIST | | 100. | | |
| | ALBEMARLE SW STA ALBEMARLE NC | DIST | | 100. | | |
| | ALBEMARLE SW STA ALBEMARLE NC | DIST | | 100. | | |
| | ALBEMARLE SW STA ALBEMARLE NC | DIST | | 100. | | |
| 19 | ALBEMARLE SW STA ALBEMARLE NC | DIST | | 100. | 00 13.00 | 6.9 |
| 20 | ALBEMARLE SW STA ALBEMARLE NC | DIST | | 100. | 00 13.00 | 6.9 |
| 21 | ALBEMARLE SW STA ALBEMARLE NC | DIST | | 100. | | |
| 22 | ALBEMARLE SW STA ALBEMARLE NC | DIST | | 100. | 00 13.00 | 6.9 |
| 23 | ALLEN STEAM PL BELMONT NC | TRANS | 3 | 230. | 00 100.00 | 13.0 |
| 24 | ALLEN STEAM PL BELMONT NC | TRANS | 3 | 100. | 00 24.00 | |
| 25 | ALLEN STEAM PL BELMONT NC | TRANS | 3 | 100. | 00 24.00 | |
| 26 | ALLEN STEAM PL BELMONT NC | TRANS | 3 | 230. | 00 100.00 | 44.0 |
| 27 | ALLEN STEAM PL BELMONT NC | TRANS | 3 | 230. | 00 13.00 | |
| 28 | ALLEN STEAM PL BELMONT NC | TRANS | 3 | 230. | 00 13.00 | , |
| 29 | ALLEN STEAM PL BELMONT NC | TRANS | 3 | 100. | 00 13.00 | |
| 30 | ALLEN STEAM PL BELMONT NC | TRANS | 3 | 100. | 00 15.00 | 15.0 |
| 31 | ALLEN STEAM PL BELMONT NC | TRANS | 3 | 230. | 00 13.00 | |
| 32 | ANDERSON TIE STARR SC | TRANS | 3 | 230. | | 44.0 |
| 33 | ANDERSON TIE STARR SC | TRANS | 5 | 230. | 00 100.00 | 44.0 |
| | ANDERSON TIE STARR SC | TRANS | 3 | 230. | 00 44.00 | |
| | ANDERSON TIE STARR SC | TRANS | 8 | 230. | | |
| | ANDERSON TIE STARR SC | TRANS | | | 00 2.40 | |
| - | ANDERSON TIE STARR SC | TRANS | | | 00 2.40 | |
| | ANDERSON TIE STARR SC | TRANS | | | 00 2.40 | 0.6 |
| | ANDERSON TIE STARR SC | TRANS | | 44. | | 1 |
| 40 | ANDERSON TIE STARR SC | TRANS | | 44. | 0.40 | |
| | | | | | | |

| | e of Respondent | | Report Is: | iginal | Date of Rep (Mo, Da, Yi | oort | Year/Period of | • |
|--|---|---|--|---|--|---|----------------|----------|
| Duke | Duke Energy Carolinas, LLC | | A Res | ubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | | | UBSTATIONS | | • | | |
| 2. Su 3. Su to fur 4. In atten | eport below the information called for concerubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sudicate in column (b) the functional character ded or unattended. At the end of the page, sonn (f). | street Va exc obstation of eac | t railway o cept those ons must ch substa | customer should not e serving customers be shown. tion, designating wh | t be listed belo s with energy f nether transmis | ow. or resale, ma ssion or distri | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| | ANTIOCH TIE WILKESBORO NC | | | RANS | | 525.00 | | 25.0 |
| | ANTIOCH TIE WILKESBORO NC | | | TRANS | | 525.00 | | 25.0 |
| | ANTIOCH TIE WILKESBORO NC | | | TRANS | | 525.00 | | 25.0 |
| | ANTIOCH TIE WILKESBORO NC | | | TRANS | | 525.00 | | 25.0 |
| | ANTIOCH TIE WILKESBORO NC | | | TRANS | | 525.00 | | 25.0 |
| | ANTIOCH TIE WILKESBORO NC | | | RANS | | 525.00 | | 25.0 |
| | ANTIOCH TIE WILKESBORO NC | | | RANS | | 525.00 | | 25.0 |
| | ANTIOCH TIE WILKESBORO NC | | | RANS | | 13.00 | | |
| | ANTIOCH TIE WILKESBORO NC | | | RANS | | 13.00 | | |
| | APALACHE RET GREER SC | | | DIST | | 44.00 | | |
| | APALACHE RET GREER SC | | | DIST | | 44.00 | | |
| | ARROWOOD RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | ARROWOOD RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | ARROWOOD RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | ASHCRAFT AVE RET MONROE NC | | | DIST | | 100.00 | | |
| | ASHE ST SW STA DURHAM NC | | | RANS | | 100.00 | | |
| | ASHE ST SW STA DURHAM NC | | | RANS | | 100.00 | | |
| | ASHEVILLE HWY RET HENDERSONVILLE NO | | | DIST | | 100.00 | | |
| | ASHEVILLE HWY RET HENDERSONVILLE NO | | | DIST | | 100.00 | | |
| \vdash | ASHEVILLE HWY RET HENDERSONVILLE NO | ; | | DIST | | 100.00 | - | |
| - | AUGUSTA RD RET GREENVILLE SC | | | DIST | | 100.00 | | |
| | AUGUSTA RD RET GREENVILLE SC | | | DIST | | 100.00 | | |
| | AVONDALE RET AVONDALE NC | | | DIST | | 44.00 | | 2.4 |
| \vdash | AVONDALE RET AVONDALE NC | | | DIST | | 44.00 | | 2.4 |
| - | AVONDALE RET AVONDALE NC | | | DIST | | 44.00 | | 2.4 |
| L . | AVONDALE RET AVONDALE NC | | | DIST | | 44.00 | | 2.4 |
| | AVONDALE RET AVONDALE NC | | | DIST | | 44.00 | | 2.4 |
| - | AVONDALE RET AVONDALE NO | | | DIST | | 44.00 | | 2.4 |
| \vdash | AVONDALE RET AVONDALE NC | | | DIST | | 44.00 | | 2.4 |
| \vdash | BAD CREEK HYDRO BAD CREEK SC | | | TRANS | | 500.00 | | 24.0 |
| | BAD CREEK HYDRO BAD CREEK SC | | | TRANS | | 500.00 | | 24.0 |
| | BAD CREEK HYDRO BAD CREEK SC BAD CREEK HYDRO BAD CREEK SC | | | TRANS | | 500.00 500.00 | | 24.0 |
| - | BAD CREEK HYDRO BAD CREEK SC | | | TRANS TRANS | | 100.00 | | 24.0 |
| \vdash | | | | | | | | |
| | BAINBRIDGE RET GREENVILLE SC | | | DIST | | 100.00 | | |
| | BAINBRIDGE RET GREENVILLE SC BALL PARK RET KANNAPOLIS NC | | | DIST | | 100.00 44.00 | | |
| - | BALL PARK RET KANNAPOLIS NC | | | DIST | | 44.00 | | |
| <u> </u> | BALL PARK RET KANNAPOLIS NC | | | DIST | | 44.00 | | |
| | BALL PARK RET KANNAPOLIS NC | | | DIST | | 44.00 | | |
| | | | | - · | | 77.00 | 2.40 | |
| | | | | | | | | |

| | e of Respondent | This Report Is: (1) X An Original | Date of Report (Mo, Da, Yr) | Year/Period of | • |
|---|--|---|--|------------------|-----------------|
| Duke | e Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | End of 20 | 016/Q4 |
| | | SUBSTATIONS | ! | | |
| 2. S 3. S to fu 4. Ir atter | report below the information called for concert ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such subdicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street railway customer should not Va except those serving customers bstations must be shown. of each substation, designating wh | t be listed below. s with energy for resale, mannether transmission or dist | ribution and wh | ether |
| Line | Name and Location of Substation | Character of Sub | otation | VOLTAGE (In M\ | /a) |
| No. | Name and Location of Substation (a) | (b) | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | BALL PARK RET KANNAPOLIS NC | DIST | 44.0 | + ` ' | 2.40 |
| | BALL PARK RET KANNAPOLIS NC | DIST | 44.0 | 0 6.90 | 2.40 |
| 3 | | DIST | 44.0 | 0 6.90 | 2.40 |
| 4 | BALL PARK RET KANNAPOLIS NC | DIST | 44.0 | | 2.40 |
| | BALSAM RET HENDERSONVILLE NC | DIST | 44.0 | | 6.90 |
| | BALSAM RET HENDERSONVILLE NC | DIST | 44.0 | | 6.90 |
| 7 | | DIST | 44.0 | | 6.90 |
| | BALSAM RET HENDERSONVILLE NC | DIST | 44.0 | | 0.00 |
| 9 | | DIST | 100.0 | | |
| | BANCROFT RET CHARLOTTE NC | DIST | 100.0 | | |
| | BANKS ST RET FORT MILL SC | DIST | 100.0 | | |
| | BANNERTOWN TIE MT AIRY NC | TRANS | 100.0 | | |
| ļ | BANNERTOWN TIE MT AIRY NC | TRANS | 100.0 | | |
| | BANNERTOWN TIE MT AIRY NC | TRANS | 100.0 | | |
| | BAPTIST HOSP T&D WINSTON-SALEM NC | DIST | 100.0 | | |
| | | DIST | | | |
| | BAPTIST HOSP T&D WINSTON-SALEM NC | | 100.0 | | |
| | BARBEE CHAPEL RD RET DURHAM NC | DIST | 100.0 | | |
| | BARRIER RD RET RIMER NC | DIST | 100.0 | | |
| | BEATTIES FORD RET. CHARLOTTE NC | DIST | 100.0 | | |
| | BEATTIES FORD RET CHARLOTTE NC | DIST | 100.0 | | |
| | BEAVER DAM RET MARSHVILLE NC | DIST | 100.0 | | |
| | BEAVER DAM RET MARSHVILLE NC | DIST | 100.0 | | |
| | BEAVER DAM RET MARSHVILLE NC | DIST | 100.0 | | |
| | BECKERDITE SVC WINSTON-SALEM NC | TRANS | 16.0 | | |
| - | BECKERDITE SVC WINSTON-SALEM NC | TRANS | 100.0 | | |
| | BECKERDITE SVC WINSTON-SALEM NC | TRANS | 100.0 | | |
| | BECKERDITE SVC WINSTON-SALEM NC | TRANS | 100.0 | | |
| | BECKERDITE SVC WINSTON-SALEM NC | TRANS | 100.0 | | |
| | BECKERDITE TIE WINSTON-SALEM NC | TRANS | 230.0 | | 44.00 |
| | BECKERDITE TIE WINSTON-SALEM NC | TRANS | 230.0 | | 13.00 |
| | BECKERDITE TIE WINSTON-SALEM NC | TRANS | 230.0 | | 13.00 |
| | BECKERDITE TIE WINSTON-SALEM NC | TRANS | 230.0 | | 44.00 |
| | BECKERDITE TIE WINSTON-SALEM NC | TRANS | 100.0 | | 6.90 |
| | BECKERDITE TIE WINSTON-SALEM NC | TRANS | 100.0 | | 6.90 |
| | BECKERDITE TIE WINSTON-SALEM NC | TRANS | 100.0 | 0 13.00 | 6.90 |
| 36 | BECKERDITE TIE WINSTON-SALEM NC | TRANS | 100.0 | | 6.90 |
| - | BECKERDITE TIE WINSTON-SALEM NC | TRANS | 44.0 | | |
| | BECKERDITE TIE WINSTON-SALEM NC | TRANS | 44.0 | | |
| | BEECH ST RET HENDERSONVILLE NC | DIST | 44.0 | | |
| 40 | BEECH ST RET HENDERSONVILLE NC | DIST | 44.0 | 0 2.40 | |
| | | | | | |

| | e of Respondent | | Report | ls: Original | Date of Re (Mo, Da, Y | port r) | Year/Period of | Report 016/Q4 |
|--|--|--|----------------------------------|---|---|--|----------------|------------------|
| Duke | e Energy Carolinas, LLC | (2) | | Resubmission | 04/13/2017 | | End of 20 | <u></u> |
| | | | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | deport below the information called for concert ubstations which serve only one industrial or ubstations with capacities of Less than 10 MN nctional character, but the number of such su indicate in column (b) the functional character anded or unattended. At the end of the page, s mn (f). | street /a exc bstation of eac | railwa cept thons m ch sub | ay customer should no lose serving customers ust be shown. station, designating wh | t be listed belo s with energy f nether transmi | ow. for resale, ma ssion or distri | bution and wh | ether |
| Line | Name and Landing of Octobridge | | | Observator of Oak | -4-6 | V | OLTAGE (In M\ | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| 1 | (a) BEECH ST RET HENDERSONVILLE NC | | | DIST (b) | | (c) 44.00 | (d) 2.40 | (e) |
| | BEECH ST RET HENDERSONVILLE NC | | | DIST | | 44.00 | 2.40 | |
| 3 | BELEWS CREEK STEAM STA UNIT 1 BELEWS | CDE | K NC | | | 230.00 | 13.00 | |
| 4 | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 230.00 | 13.00 | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 6.90 | 0.60 | |
| 7 | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | 0.60 | |
| 9 | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 13.00 | | 6.9 |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 230.00 | 6.90 | 6.9 |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | 0.60 | 0.9 |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 1 BELEWS | | | | | 6.90 | | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 230.00 | | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 230.00 | | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 6.90 | | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 6.90 | 0.60 | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 6.90 | | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 6.90 | | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 6.90 | | |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 13.00 | | 6.9 |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 230.00 | | 6.9 |
| | BELEWS CREEK STEAM STA UNIT 2 BELEWS | | | | | 6.90 | | |
| | BELEWS CREEK SW STA BELEWS CREEK NC | | | TRANS | | 6.90 | | |
| | BELEWS CREEK SW STA BELEWS CREEK NC | | | TRANS | | 230.00 | | |
| | BELLHAVEN RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | | | | | | . 33.30 | 10.00 | |
| | | | | | | | | |

| | e of Respondent | This Report Is: (1) X An Or | riginal | Date of Report (Mo, Da, Yr) | | Year/Period of | Report 016/Q4 | |
|---|---|--|--|--|-----------------------|----------------|------------------|--|
| Duke | e Energy Carolinas, LLC | submission | 04/13/2017 | | End of 2 | 10/Q4 | | |
| SUBSTATIONS 1. Report below the information called for concerning substations of the respondent as of the end of the year. | | | | | | | | |
| 2. S 3. S to fu 4. Ir atter | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street railway Va except thos obstations mus of each substa | customer should not e serving customers t be shown. ation, designating wh | be listed below. with energy for res mether transmission | sale, ma or distri | bution and wh | ether | |
| Line | | | | | V | OLTAGE (In M\ | /a) | |
| No. | Name and Location of Substation | | Character of Sub | | imary | Secondary | Tertiary | |
| | (a) | | (b) | | (c) | (d) | (e) | |
| | BELLHAVEN RET CHARLOTTE NC | | DIST | | 100.00 | | | |
| | BELMONT TIE BELMONT NC | | TRANS | | 100.00 | | | |
| 3 | BELMONT TIE BELMONT NC | | TRANS | | 100.00 | | | |
| 4 | BELMONT TIE BELMONT NC | | TRANS | | 44.00 | | | |
| | BELMONT TIE BELMONT NC | | TRANS | | 44.00 | | | |
| | BELMONT TIE BELMONT NC | | TRANS | | 24.00 | | | |
| | BELTON RET BELTON SC | | DIST | | 44.00 | | 2.40 | |
| | BELTON RET BELTON SC | | DIST | | 44.00 | | 2.40 | |
| | BELTON RET BELTON SC | | DIST | | 44.00 | | 2.40 | |
| | BELTON RET BELTON SC | | DIST | | 44.00 | | 2.40 | |
| | BELTON RET BELTON SC | | DIST | | 24.00 | | 2.22 | |
| | BELTON RET BELTON SC | | DIST | | 24.00 | | 0.60 | |
| | BELTON RET BELTON SC BELTON RET BELTON SC | | DIST DIST | | 24.00 | | 0.60 | |
| | BELTON RET BELTON SC | | DIST | | 44.00 | | 2.40 | |
| | BELTON RET BELTON SC | | DIST | | 44.00 | | 2.40 | |
| | BELTON RET BELTON SC | | DIST | | 44.00 | | 2.40 | |
| | BELTON RET BELTON SC | | DIST | | 44.00 | | 2.40 | |
| | BELTON RET BELTON SC | | DIST | | 44.00 | | 2.40 | |
| | BELTON RET BELTON SC | | DIST | | 44.00 | | 2.40 | |
| | BELTON RET BELTON SC | | DIST | | 44.00 | | 2.40 | |
| | BELTON TIE BELTON SC | | TRANS | | 100.00 | | 2.70 | |
| | BELTON TIE BELTON SC | | TRANS | | 100.00 | | | |
| | BELTON TIE BELTON SC | | TRANS | | 100.00 | | | |
| | BELTON TIE BELTON SC | | TRANS | | 24.00 | | | |
| _ | BEREA RD RET GREENVILLE SC | | DIST | | 100.00 | | | |
| | BEREA RD RET GREENVILLE SC | | DIST | | 100.00 | | | |
| | BERRY SHOALS RET DUNCAN SC | | DIST | | 44.00 | | | |
| 29 | BERRY SHOALS RET DUNCAN SC | 1 | DIST | | 44.00 | 13.00 | | |
| 30 | BESSEMER CITY RET BESSEMER CITY NC | | DIST | | 44.00 | 2.40 | | |
| 31 | BESSEMER CITY RET BESSEMER CITY NC | 1 | DIST | | 44.00 | 2.40 | | |
| 32 | BESSEMER CITY RET BESSEMER CITY NC | 1 | DIST | | 44.00 | 2.40 | | |
| 33 | BESSEMER CITY RET BESSEMER CITY NC | 1 | DIST | | 44.00 | 6.90 | 2.40 | |
| 34 | BESSEMER CITY RET BESSEMER CITY NC | ļ, | DIST | | 44.00 | 6.90 | 2.40 | |
| 35 | BESSEMER CITY RET BESSEMER CITY NC | ļ, | DIST | | 44.00 | 6.90 | 2.40 | |
| 36 | BESSEMER CITY RET BESSEMER CITY NC | ı | DIST | | 44.00 | 6.90 | 2.40 | |
| 37 | BESSEMER CITY RET BESSEMER CITY NC | | DIST | | 44.00 | 6.90 | 2.40 | |
| 38 | BETHEL RET CLOVER SC | ı | DIST | | 44.00 | 6.90 | 2.40 | |
| 39 | BETHEL RET CLOVER SC | | DIST | | 44.00 | 6.90 | 2.40 | |
| 40 | BETHEL RET CLOVER SC | | DIST | | 44.00 | 6.90 | 2.40 | |
| | | | | | | | | |

| | e of Respondent | This Report | ls: Original | Date of Repor (Mo, Da, Yr) | t | Year/Period of | Report 016/Q4 |
|--|--|--|---|--|------------|----------------|------------------|
| Duke Energy Carolinas, LLC | | | Resubmission | 04/13/2017 | | End of 20 | <u></u> |
| <u> </u> | | | SUBSTATIONS | | | | |
| 2. S 3. S to ful 4. In atter | deport below the information called for concert ubstations which serve only one industrial or ubstations with capacities of Less than 10 MN enctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, services in (f). | street railwa Va except th obstations mo of each subs | y customer should no ose serving customers ust be shown. station, designating wh | t be listed below. s with energy for nether transmissi | resale, ma | bution and who | ether |
| Line | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | Character of Sub | | Primary | Secondary | Tertiary |
| | (a) | | (b) | | (c) | (d) | (e) |
| | BETHEL RET CLOVER SC | | DIST | | 44.00 | 6.90 | 2.40 |
| | BETHEL RET CLOVER SC | | DIST | | 44.00 | 6.90 | 2.40 |
| | | | DIST | | 44.00 | 6.90 | 2.40 |
| 4 | BETHEL RET CLOVER SC | | DIST | | 44.00 | 6.90 | 2.40 |
| | BETHLEHEM SS HICKORY NC | | DIST | | 44.00 | 13.00 | |
| | BETHLEHEM SS HICKORY NC | | DIST | | 44.00 | 13.00 | |
| | BETHWARE RET KINGS MOUNTAIN NC | | DIST | | 100.00 | | |
| | BIG WILLOW RET HENDERSONVILLE NC | | DIST | | 44.00 | 13.00 | |
| | BINGHAM RET HILLSBOROUGH NC | | DIST | | 100.00 | | |
| | BINGHAM RET HILLSBOROUGH NC | | DIST | | 100.00 | | |
| | BLACK CREEK RET CHESTER SC | | DIST | | 100.00 | | |
| | BLACKSBURG RET BLACKSBURG SC | | DIST | | 44.00 | 6.90 | |
| | BLACKSBURG RET BLACKSBURG SC | | DIST | | 44.00 | 6.90 | |
| | BLACKSBURG RET BLACKSBURG SC | | DIST | | 44.00 | 6.90 | |
| | BLACKSBURG RET BLACKSBURG SC | | DIST | | 44.00 | 6.90 | |
| | BLACKSBURG RET BLACKSBURG SC | | DIST | | 44.00 | | |
| | BLACKSBURG TIE BLACKSBURG SC | | TRANS | | 100.00 | 44.00 | |
| | BLACKSBURG TIE BLACKSBURG SC | | TRANS | | 100.00 | 44.00 | |
| | BLACKSBURG TIE BLACKSBURG SC | | TRANS | | 24.00 | | |
| | BLAKLEY RET LAURENS SC | | DIST | | 44.00 | - | |
| | BLANTON RET SHELBY NC | | DIST | | 44.00 | | |
| | BLANTON RET SHELBY NC | | DIST | | 44.00 | | |
| | BLANTYRE RET HORSE SHOE NC | | DIST | | 100.00 | | |
| | BLUE RIDGE E C DEL 11 EASLEY SC | | DIST | | 100.00 | | |
| | BLUE RIDGE E C DEL 12 WESTMINSTER SC | | DIST | | 100.00 | | |
| | BLUE RIDGE E C DEL 12 WESTMINSTER SC | | DIST | | 100.00 | | |
| | BLUE RIDGE E C DEL 12 WESTMINSTER SC BLUE RIDGE E C DEL 12 WESTMINSTER SC | | | | 100.00 | | |
| | | | DIST | | 100.00 | | 2.40 |
| | BLUE RIDGE E C DEL 14 PICKENS SC BLUE RIDGE E C DEL 14 PICKENS SC | | DIST | | 100.00 | | 2.40 |
| | BLUE RIDGE E C DEL 14 PICKENS SC | | DIST | | 100.00 | | 2.40 |
| | BLUE RIDGE E C DEL 14 PICKENS SC | | DIST | | 100.00 | | 2.40 |
| | BOB JONES UNIV DIST GREENVILLE SC | | DIST | | 13.00 | | 2.40 |
| | BOB JONES UNIV DIST GREENVILLE SC | | DIST | | 13.00 | | |
| | BOB JONES UNIV DIST GREENVILLE SC | | DIST | | 13.00 | _ | |
| | BOB JONES UNIV DIST GREENVILLE SC | | DIST | | 13.00 | | |
| | BOILING SPRINGS RET BOILING SPRINGS S | C | DIST | | 100.00 | | |
| | BOILING SPRINGS RET BOILING SPRINGS S | | DIST | | 100.00 | | |
| | BOND PARK RET SPARTANBURG SC | | DIST | | 44.00 | | |
| | BOND PARK RET SPARTANBURG SC | | DIST | | 44.00 | | 13.00 |
| | | | | | | | |
| | <u> </u> | | | | | | |

| | e of Respondent | This (1) | Report Is | | Date of Report (Mo, Da, Yr) | | Year/Period of | Report 016/Q4 |
|---|--|---------------------------------------|--|--|--|------------|----------------|------------------|
| Duke | e Energy Carolinas, LLC | (2) | A Re | submission | 04/13/2017 | | End of 20 | 10/Q4 |
| | | • | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | t railway cept thos ions mus ch subst | customer should not se serving customers at be shown. ation, designating wh | be listed below. with energy for remether transmission | esale, may | bution and whe | ether |
| Line | | | | | | V | OLTAGE (In MV | 'a) |
| No. | Name and Location of Substation | | | Character of Sub | | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | BOND PARK RET SPARTANBURG SC | | | DIST | | 44.00 | 13.00 | 4.1 |
| 2 | BOUNTY LAND SS SENECA SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| 3 | | | | DIST | | 44.00 | 13.00 | 6.9 |
| 4 | BOUNTY LAND SS SENECA SC | | | DIST | | 44.00 | 24.00 | 13.0 |
| | BOUNTY LAND SS SENECA SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| 6 | BOUNTY LAND SS SENECA SC | | | DIST | | 44.00 | 13.00 | |
| 7 | | | | DIST | | 44.00 | 13.00 | |
| | BRANCH RD RET WALHALLA SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| 9 | | | | DIST | | 44.00 | 6.90 | 2.4 |
| | BRANCH RD RET WALHALLA SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | BRANTLEY RD RET KANNAPOLIS NC | | | DIST | | 100.00 | 13.00 | |
| | BRANTLEY RD RET KANNAPOLIS NC | | | DIST | | 100.00 | 13.00 | |
| | BRASSFIELD RET DURHAM NC | | | DIST | | 230.00 | 24.00 | |
| | BRASSFIELD RET DURHAM NC | | | DIST | | 230.00 | 24.00 | |
| | BRASSFIELD RET DURHAM NC | | | DIST | | 230.00 | 24.00 | |
| | BRAWLEY SCHOOL RET MOORESVILLE NC | | | DIST | | 100.00 | 13.00 | |
| | BRAWLEY SCHOOL RET MOORESVILLE NC | | | DIST | | 100.00 | 13.00 | |
| | BRAWLEY SCHOOL RET MOORESVILLE NC | | | DIST | | 100.00 | 24.00 | |
| | BRAWLEY SCHOOL RET MOORESVILLE NC | | | DIST | | 100.00 | 24.00 | |
| — | BRENTWOOD RET SIMPSONVILLE SC | | | DIST | | 100.00 | | |
| | BRENTWOOD RET SIMPSONVILLE SC | | | DIST | | 100.00 | | |
| | BREVARD RET BREVARD NC | | | DIST | | 44.00 | | |
| | BREVARD RET BREVARD NC | | | DIST | | 44.00 | 2.40 | |
| | BREVARD RET BREVARD NC | | | DIST | | 44.00 | 2.40 | |
| | BREVARD RET BREVARD NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | BREVARD RET BREVARD NC | | | DIST | | 44.00 | | 2.4 |
| | BREVARD RET BREVARD NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | BREVARD RET BREVARD NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | BREVARD RET BREVARD NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | BREVARD RET BREVARD NC | | | DIST | | 44.00 | | 2.4 |
| | BREVARD RET BREVARD NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | BREVARD RET BREVARD NC | | | DIST | | 44.00 | | 2.4 |
| | BRIAR CREEK RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | BRIAR CREEK RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | BRIDGEPORT RET MORGANTON NC | | | DIST | | 44.00 | | |
| | BRIDGEPORT RET MORGANTON NC | | | DIST | | 44.00 | | |
| | BRIDGEWATER HYDRO PL MORGANION NO | | | TRANS | | 100.00 | | |
| | BRIDGEWATER HYDRO PL MORGANION NO | | | TRANS | | 100.00 | | |
| | BRIDGEWATER HYDRO PL MORGANION NO | | | TRANS | | 100.00 | | |
| 40 | BRIDGEWATER HYDRO PL MORGANTON NO | , | | TRANS | | 6.90 | 0.60 | |
| | | | | | | | | |

| Name of Respondent | | (1) X An Original (Mo, Da, Yr) | | (Mo, Da, Yr) | 0 | | |
|---|---|---------------------------------------|---|---|---|------------------|----------|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | | | 10/Q4 |
| SUBSTATIONS 1. Report below the information called for concerning substations of the respondent as of the end of the year. | | | | | | | |
| 2. S 3. S to fu 4. Ir atter | report below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such subdicate in column (b) the functional character inded or unattended. At the end of the page, smn (f). | street Va exc Ibstati of eac | railway customer should no cept those serving customer ons must be shown. ch substation, designating w | t be listed below. s with energy for resal hether transmission of | e, ma | bution and wh | ether |
| | | | | | | | |
| | | | 1 | 1 | | | |
| ₋ine No. | Name and Location of Substation | | Character of Sul | | | OLTAGE (In M\ | , |
| INO. | (2) | | (b) | Prim | , | Secondary (d) | Tertiary |
| 1 | (a) BRIDGEWATER HYDRO PL MORGANTON NO | ; | TRANS | (c) | 6.90 | 0.60 | (e) |
| | BRIDGEWATER HYDRO PL MORGANTON NO | | TRANS | | 6.90 | 0.60 | |
| | BROAD ST RET WINSTON-SALEM NC | | DIST | | 100.00 | 13.00 | 6.90 |
| | BROAD ST RET WINSTON-SALEM NC | | DIST | | 100.00 | 13.00 | 6.90 |
| | BROAD ST RET WINSTON-SALEM NC | | DIST | | 100.00 | 13.00 | 6.90 |
| | BROAD ST RET WINSTON-SALEM NC | | DIST | | 100.00 | 13.00 | 6.90 |
| | BROAD ST RET WINSTON-SALEM NC | | DIST | | 100.00 | 13.00 | 6.90 |
| | BROAD ST RET WINSTON-SALEM NC | | DIST | | 100.00 | 13.00 | 6.90 |
| 9 | BROAD ST RET WINSTON-SALEM NC | | DIST | | 100.00 | 13.00 | 6.90 |
| 10 | BROAD ST RET WINSTON-SALEM NC | | DIST | | 100.00 | 2.40 | |
| 11 | BROAD ST RET WINSTON-SALEM NC | | DIST | | 100.00 | 2.40 | |
| 12 | BROAD ST RET WINSTON-SALEM NC | | DIST | | 100.00 | 2.40 | |
| 13 | BROOK ST RET NORTH WILKESBORO NC | | DIST | | 100.00 | 13.00 | |
| 14 | BROOK ST RET NORTH WILKESBORO NC | | DIST | | 100.00 | 13.00 | |
| 15 | BROOKWOOD RET WINSTON-SALEM NC | | DIST | | 100.00 | 13.00 | |
| 16 | BROOKWOOD RET WINSTON-SALEM NC | | DIST | | 100.00 | 13.00 | |
| 17 | BROUGHTON RET MORGANTON NC | | DIST | | 44.00 | 13.00 | 6.90 |
| 18 | BROUGHTON RET MORGANTON NC | | DIST | | 44.00 | 13.00 | 6.90 |
| 19 | BROUGHTON RET MORGANTON NC | | DIST | | 44.00 | 13.00 | 6.90 |
| 20 | BROUGHTON RET MORGANTON NC | | DIST | | 44.00 | 6.90 | 2.40 |
| 21 | BROUGHTON RET MORGANTON NC | | DIST | | 44.00 | 6.90 | 2.40 |
| 22 | BROUGHTON RET MORGANTON NC | | DIST | | 44.00 | 6.90 | 2.40 |
| 23 | BROUGHTON RET MORGANTON NC | | DIST | | 44.00 | 13.00 | 6.90 |
| 24 | BROWNS FORD RET NORTH WILKESBORO | VC | DIST | | 100.00 | 13.00 | |
| 25 | BROWNS FORD RET NORTH WILKESBORO | VC | DIST | | 100.00 | 13.00 | |
| 26 | BRUSHY CREEK RET GREENVILLE SC | | DIST | | 100.00 | 13.00 | |
| 27 | BRUSHY CREEK RET GREENVILLE SC | | DIST | | 100.00 | 13.00 | |
| 28 | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 13.00 | 0.60 | |
| 29 | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 13.00 | 0.60 | |
| 30 | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 13.00 | 0.60 | |
| 31 | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 100.00 | 13.00 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 13.00 | 0.60 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 100.00 | 13.00 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 100.00 | 13.00 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 24.00 | 4.10 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 24.00 | 0.60 | |
| | BUCK STEAM STA YARD SPENCER NO | | TRANS | | 13.00 | 4.10 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 13.00 | 0.60 | |
| | BUCK STEAM STA YARD SPENCER NO | | TRANS | | 24.00 | 4.10 | |
| 40 | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 24.00 | 0.60 | |
| | | | | | | | |
| | | | | | | | |
| | | | • | + | | · | |

| | e of Respondent | This Report (1) X An | is: Original | Date of Rep (Mo, Da, Yr | oort | Year/Period of | • |
|---|--|---|---|--|--|----------------|----------|
| Duke | e Energy Carolinas, LLC | | Resubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | | SUBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street railwa Va except the obstations me of each subs | y customer should no ose serving customers ust be shown. station, designating wh | t be listed belo s with energy for nether transmis | w. or resale, ma ssion or distri | bution and who | ether |
| Line | | | | | V | OLTAGE (In MV | 'a) |
| No. | Name and Location of Substation | | Character of Sub | station | Primary | Secondary | Tertiary |
| 1 | (a) BUCK STEAM STA YARD SPENCER NC | | (b) | | (c) 13.00 | (d) 4.10 | (e) |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 13.00 | 0.60 | |
| 3 | | | TRANS | | 100.00 | 13.00 | 13.00 |
| 4 | | | TRANS | | 13.00 | 0.60 | 10.00 |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 13.00 | 0.60 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 13.00 | 0.60 | |
| 7 | | | TRANS | | 13.00 | 0.60 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 13.00 | 0.60 | |
| 9 | | | TRANS | | 13.00 | 0.60 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 13.00 | 0.60 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 44.00 | 0.00 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 13.00 | 4.10 | |
| ļ | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 13.00 | 4.10 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 4.10 | 4.10 | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 7.10 | | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 4.10 | | |
| | BUCK STEAM STA YARD SPENCER NC | | TRANS | | 4.10 | | |
| | BUCK TIE SPENCER NC | | TRANS | | 230.00 | 100.00 | 44.00 |
| | BUCK TIE SPENCER NC | | TRANS | | 230.00 | 100.00 | 13.00 |
| | BUCK TIE SPENCER NC | | TRANS | | 13.00 | 0.40 | 13.00 |
| <u> </u> | BUCK TIE SPENCER NC | | TRANS | | 13.00 | 0.40 | |
| | BUCK TIE SPENCER NC | | TRANS | | 13.00 | | |
| | BUCKEYE RET CHARLOTTE NC | | DIST | | | 24.00 | |
| | BUCKEYE RET CHARLOTTE NC | | DIST | | 100.00 | 24.00 | |
| | BURLINGTON MN BURLINGTON NC | | DIST | | 100.00 | 24.00 | |
| | | | | | 100.00 | | |
| | BURLINGTON MN BURLINGTON NC | | DIST | | 100.00 | 24.00 | |
| | BURLINGTON MN BURLINGTON NC | | DIST | | 24.00 | 2.40 | |
| | BURLINGTON MN BURLINGTON NC | | DIST | | 24.00 | 2.40 | |
| | BURLINGTON MN BURLINGTON NC | | DIST | | 24.00 | 2.40 | |
| | BURLINGTON MN BURLINGTON NC | | DIST | | 24.00 | 2.40 | 44.00 |
| | BUSH RIVER TIE NEWBERRY SC BUSH RIVER TIE NEWBERRY SC | | TRANS | | 230.00 | 100.00 | 44.00 |
| | BUSH RIVER TIE NEWBERRY SC | | TRANS TRANS | | 100.00 | 100.00 | 13.00 |
| | BUSH RIVER TIE NEWBERRY SC | | TRANS | | 100.00 | 100.00 | 4.10 |
| | | | | | | 100.00 | 4.10 |
| | BUSH RIVER TIE NEWBERRY SC | | TRANS | | 44.00 | 12.00 | |
| | BUSH RIVER TIE NEWBERRY SC | | TRANS | | 100.00 | 13.00 | 6.90 |
| - | BUSH RIVER TIE NEWBERRY SC | | TRANS | | 44.00 | 2.40 | |
| | BUSH RIVER TIE NEWBERRY SC | | TRANS | | 44.00 | 2.40 | |
| | BUSH RIVER TIE NEWBERRY SC BUSH RIVER TIE NEWBERRY SC | | TRANS | | 44.00 | 2.40 | |
| 40 | SOCITIVEN HE NEWBERN 30 | | TRANS | | 24.00 | 0.40 | |
| | | | | | | | |

| | e of Respondent | This (1) | Report | ls: Original | Date of Re (Mo, Da, Y | port r) | Year/Period of | • |
|---|---|---------------------------------------|---|--|---|---|----------------|----------|
| Duke | Duke Energy Carolinas, LLC | | | Resubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 MN inctional character, but the number of such sundicate in column (b) the functional character inded or unattended. At the end of the page, smn (f). | street Va exc lbstati of eac | railwa cept the ons mu ch subs | y customer should not ose serving customers ust be shown. station, designating wh | t be listed belo with energy f nether transmi | ow. or resale, ma ssion or distri | bution and wh | ether |
| Line | | | | 01 1 10 1 | | V | OLTAGE (In M\ | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| 1 | (a) BUTNER RET DURHAM NC | | | (b) | | (c) 100.00 | (d) 24.00 | (e) |
| | BUTNER RET DURHAM NC | | | DIST | | 100.00 | | |
| | BUTNER RET DURHAM NC | | | DIST | | 100.00 | | |
| | BUXTON ST RET WINSTON-SALEM NC | | | DIST | | 100.00 | | |
| | BUXTON ST RET WINSTON-SALEM NC | | | DIST | | 100.00 | | |
| | BUXTON ST RET WINSTON-SALEM NC | | | DIST | | 100.00 | | |
| | BUXTON ST RET WINSTON-SALEM NC | | | DIST | | 100.00 | | |
| | BUXTON ST RET WINSTON-SALEM NC | | | DIST | | 100.00 | | |
| | BUXTON ST RET WINSTON-SALEM NC | | | DIST | | 24.00 | | |
| | BUXTON ST RET WINSTON-SALEM NC | | | DIST | | 24.00 | | |
| | BUXTON ST RET WINSTON-SALEM NC | | | DIST | | 24.00 | | |
| | BUXTON ST RET WINSTON-SALEM NC | | | DIST | | 24.00 | | 2.4 |
| | BUZZARD ROOST COMB TURBINE CHAPPELI | IS SC | <u> </u> | TRANS | | 100.00 | | 13.0 |
| | BUZZARD ROOST COMB TURBINE CHAPPEL | | | TRANS | | 100.00 | | |
| | BYRUM CREEK RET ANDERSON SC | | | DIST | | 100.00 | | |
| | CAIRO RET NORTH WILKESBORO NC | | | DIST | | 100.00 | | |
| | CAMERON AVE SS CHAPEL HILL NC | | | TRANS | | 100.00 | | |
| | CAMERON AVE SS CHAPEL HILL NC | | | TRANS | | 100.00 | 13.00 | |
| 19 | CAMP CREEK RD RET WHITTIER NC | | | DIST | | 69.00 | 13.00 | |
| 20 | CAMP CREEK RD RET WHITTIER NC | | | DIST | | 69.00 | 13.00 | |
| | CAMP CROFT RET SPARTANBURG SC | | | DIST | | 100.00 | - | |
| 22 | CAMP CROFT RET SPARTANBURG SC | | | DIST | | 100.00 | 13.00 | |
| 23 | CAMPOBELLO TIE CAMPOBELLO SC | | | TRANS | | 100.00 | 44.00 | |
| 24 | CAMPOBELLO TIE CAMPOBELLO SC | | | TRANS | | 100.00 | 44.00 | |
| 25 | CAMPOBELLO TIE CAMPOBELLO SC | | | TRANS | | 100.00 | 44.00 | |
| 26 | CAMPOBELLO TIE CAMPOBELLO SC | | | TRANS | | 44.00 | 13.00 | |
| 27 | CAMPOBELLO TIE CAMPOBELLO SC | | | TRANS | | 24.00 | 0.20 | |
| 28 | CAMPTON RET INMAN SC | | | DIST | | 100.00 | 13.00 | |
| 29 | CAMPTON RET INMAN SC | | | DIST | | 100.00 | 13.00 | |
| 30 | CANE CREEK TIE TAYLORS SC | | | TRANS | | 100.00 | 44.00 | |
| 31 | CANE CREEK TIE TAYLORS SC | | | TRANS | | 100.00 | 44.00 | |
| 32 | CANE CREEK TIE TAYLORS SC | | | TRANS | | 100.00 | 44.00 | |
| 33 | CANE CREEK TIE TAYLORS SC | | | TRANS | | 100.00 | 44.00 | 44.0 |
| 34 | CANE CREEK TIE TAYLORS SC | | | TRANS | | 100.00 | 44.00 | 24.0 |
| 35 | CANE CREEK TIE TAYLORS SC | | | TRANS | | 100.00 | 44.00 | 24.0 |
| 36 | CANE CREEK TIE TAYLORS SC | | | TRANS | | 100.00 | 44.00 | 24.0 |
| 37 | CANE CREEK TIE TAYLORS SC | | | TRANS | | 100.00 | 44.00 | |
| 38 | CANOE CREEK RET MORGANTON NC | | | DIST | | 44.00 | 13.00 | 6.9 |
| 39 | CANOE CREEK RET MORGANTON NC | | | DIST | | 44.00 | 6.90 | |
| 40 | CANOE CREEK RET MORGANTON NC | | | DIST | | 44.00 | 6.90 | |
| | | | | | | | | |
| <u> </u> | <u> </u> | | | 1 | | | | |

| | e of Respondent | This Report Is: (1) X An Original | Date of Report (Mo, Da, Yr) | Year/Period of | • |
|---|--|--|--|------------------|-----------------|
| Duke | e Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | End of 2 | 016/Q4 |
| | | SUBSTATIONS | + | | |
| 2. S 3. S to fu 4. Ir atter | teport below the information called for concert ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such subdicate in column (b) the functional character add or unattended. At the end of the page, smn (f). | street railway customer should not Va except those serving customers abstations must be shown. of each substation, designating wh | t be listed below. Is with energy for resale, mannether transmission or distr | ibution and wh | ether |
| Line | Name and Location of Substation | Character of Sub | | /OLTAGE (In M\ | /a) |
| No. | (a) | (b) | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | | DIST | 44.00 | · ' ' | (0) |
| 2 | CANOE CREEK RET MORGANTON NC | DIST | 44.00 | 13.00 | 6.90 |
| 3 | CANOE CREEK RET MORGANTON NC | DIST | 44.00 | 13.00 | 6.90 |
| 4 | CANOE CREEK RET MORGANTON NC | DIST | 44.00 | | 6.90 |
| 5 | | DIST | 100.00 | | |
| 6 | | DIST | 100.00 | | |
| 7 | CARMEL RD RET CHARLOTTE NC | DIST | 100.00 | | |
| 8 | CARSON RET MARION NC | DIST | 44.00 | | |
| 9 | CARSON RET MARION NC | DIST | 44.00 | | |
| | CARVER ST RET CLOVER SC | DIST | 44.00 | | 2.40 |
| 11 | | DIST | | | 2.40 |
| | | | 44.00 | | |
| | CARVER ST RET CLOVER SC | DIST | 44.00 | | 2.40 |
| | CARVER ST RET CLOVER SC | DIST | 44.00 | | 2.40 |
| | CARVER ST RET CLOVER SC | DIST | 44.00 | | 2.40 |
| | CARVER ST RET CLOVER SC | DIST | 44.00 | | 2.40 |
| | CARVER ST RET CLOVER SC | DIST | 44.00 | | 2.40 |
| | CASHIERS RET CASHIERS NC | DIST | 69.00 | | |
| 18 | | DIST | 69.00 | | |
| | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 230.00 | | |
| 20 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 6.90 | 4.10 | |
| 21 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 6.90 | 4.10 | |
| 22 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 24.00 | 13.00 | |
| 23 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 230.00 | 24.00 | |
| 24 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 4.10 | 0.60 | |
| 25 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 4.10 | 0.60 | |
| 26 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 4.10 | 0.60 | |
| 27 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 4.10 | 0.60 | |
| 28 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 4.10 | 0.60 | |
| 29 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 4.10 | 0.60 | |
| 30 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 6.90 | 0.60 | |
| 31 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 6.90 | 0.60 | |
| 32 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 6.90 | 0.60 | |
| 33 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 6.90 | 0.60 | |
| 34 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 24.00 | 6.90 | 6.90 |
| 35 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 24.00 | 6.90 | 6.90 |
| 36 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 24.00 | 6.90 | 6.90 |
| | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 24.00 | | 6.90 |
| | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 6.90 | | |
| | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 6.90 | | |
| | CATAWBA NUC STA UNIT 1 ROCK HILL SC | TRANS | 6.90 | | |
| | | | | | |
| | | | | | |

| | e of Respondent | | | ort Is: An Original | Date of Re (Mo, Da, Y | port r) | Year/Period o | • | | |
|---|--|-----|--|------------------------|--------------------------|------------|---------------|----------|--|--|
| Duke | e Energy Carolinas, LLC | (2) | | A Resubmission | 04/13/2017 | | End of 2 | 016/Q4 | | |
| | SUBSTATIONS | | | | | | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concerning substations of the respondent as of the end of the year. Substations which serve only one industrial or street railway customer should not be listed below. Substations with capacities of Less than 10 MVa except those serving customers with energy for resale, may be grouped according functional character, but the number of such substations must be shown. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether tended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in olumn (f). | | | | | | | | | |
| Line | | | | | | | VOLTAGE (In M | √a) | | |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary | | |
| 1 | (a) CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | (b) | | (c) 6.9 | (d) 0 0.60 | (e) | | |
| | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 6.9 | | | | |
| 3 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 6.9 | | | | |
| 4 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 6.9 | | | | |
| 5 | | | | TRANS | | 4.1 | | | | |
| 6 | | | | TRANS | | 4.1 | | | | |
| 7 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 13.0 | | | | |
| 8 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 13.0 | | | | |
| 9 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 13.0 | | | | |
| | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 6.9 | | | | |
| 11 | | | | TRANS | | 6.9 | | | | |
| | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 6.9 | | | | |
| | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 6.9 | | | | |
| | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 4.1 | | | | |
| | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 6.9 | 0 | | | |
| 16 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 6.9 | 0 0.40 | | | |
| | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 6.9 | 0 0.60 | | | |
| 18 | CATAWBA NUC STA UNIT 1 ROCK HILL SC | | | TRANS | | 13.0 | 0.60 | | | |
| 19 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 230.0 | 0 24.00 | | | |
| 20 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 6.9 | 0 0.40 | | | |
| | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 6.9 | | | | |
| 22 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 6.9 | 0 4.10 | | | |
| 23 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 6.9 | 0 4.10 | | | |
| 24 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 24.0 | 0 13.00 | | | |
| 25 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 230.0 | 0 24.00 | | | |
| 26 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 4.1 | 0.60 | | | |
| 27 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 4.1 | 0.60 | | | |
| 28 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 4.1 | 0.60 | | | |
| 29 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 4.1 | 0.60 | | | |
| 30 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 4.1 | 0.60 | | | |
| 31 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 4.1 | 0.60 | | | |
| 32 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 6.9 | 0.60 | | | |
| 33 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 6.9 | 0.60 | | | |
| 34 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 6.9 | 0.60 | | | |
| 35 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 6.9 | 0.60 | | | |
| 36 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | · · · | 24.0 | | 6.90 | | |
| | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 24.0 | _ | 6.90 | | |
| | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 24.0 | | 6.90 | | |
| | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 24.0 | | 6.90 | | |
| 40 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | | TRANS | | 6.9 | 0.60 | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

FERC FORM NO. 1 (ED. 12-96)

| Name of Respondent | | This Report Is: (1) XAn Original | | Date of Report (Mo, Da, Yr) | Year/Period of Report Fnd of 2016/Q4 | | | |
|---|--|--------------------------------------|--|---|---------------------------------------|-----------------|--|--|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of 2 | 010/Q4 | | |
| | | | SUBSTATIONS | | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 MN inctional character, but the number of such sundicate in column (b) the functional character inded or unattended. At the end of the page, smn (f). | street /a exc bstati of eac | t railway customer should not cept those serving customers ons must be shown. ch substation, designating wh | t be listed below. with energy for resale, in the transmission or dis | may be grouped | nether | | |
| ine | Name and Location of Substation | | Character of Substation | | VOLTAGE (In MVa) | | | |
| No. | (a) | | (b) | Primary (c) | Secondary (d) | Tertiary (e) | | |
| 1 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | ` ' | 90 0.60 | () | | |
| 2 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | 6 | 90 0.60 | | | |
| 3 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | 6 | 90 0.60 | | | |
| 4 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | 6 | 90 0.60 | | | |
| 5 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | 6 | 90 0.60 | | | |
| 6 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | 4 | 10 0.60 | | | |
| 7 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | 4 | 10 0.60 | | | |
| 8 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | 13 | 00 0.60 | | | |
| 9 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | 13 | 00 0.60 | | | |
| 10 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | 13 | 00 0.60 | | | |
| 11 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | 6 | 90 0.60 | | | |
| 12 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | 6 | 90 0.60 | | | |
| 13 | CATAWBA NUC STA UNIT 2 ROCK HILL SC | | TRANS | 6 | 90 4.10 | | | |
| 14 | CATAWBA RET CATAWBA NC | | DIST | 44 | 00 13.00 | | | |
| 15 | CATAWBA RET CATAWBA NC | | DIST | 44 | 00 13.00 | | | |
| 16 | CATFISH RET HICKORY NC | | DIST | 44 | 00 13.00 | | | |
| 17 | CATFISH RET HICKORY NC | | DIST | 44 | 00 13.00 | | | |
| 18 | CATHEY RD RET ANDERSON SC | | DIST | 100 | 00 13.00 | | | |
| 19 | CEDAR CREEK HYDRO YARD GREAT FALLS | SC | TRANS | 100 | 00 6.90 | | | |
| 20 | CEDAR CREEK HYDRO YARD GREAT FALLS | SC | TRANS | 100 | 00 6.90 | | | |
| 21 | CEDAR CREEK HYDRO YARD GREAT FALLS | SC | TRANS | 100 | 00 6.90 | | | |
| 22 | CEDAR CREEK HYDRO YARD GREAT FALLS | SC | TRANS | 0 | 60 0.20 | | | |
| 23 | CENTRAL TIE CENTRAL SC | | TRANS | 230 | 00 100.00 | 44.00 | | |
| 24 | CENTRAL TIE CENTRAL SC | | TRANS | 230 | 00 100.00 | 44.00 | | |
| 25 | CENTRAL TIE CENTRAL SC | | TRANS | 230 | 00 100.00 | 44.00 | | |
| 26 | CENTRAL TIE CENTRAL SC | | TRANS | 230 | 00 100.00 | 44.00 | | |
| 27 | CENTRAL TIE CENTRAL SC | | TRANS | 44 | 00 | | | |
| 28 | CENTRAL TIE CENTRAL SC | | TRANS | 44 | 00 | | | |
| 29 | CENTRAL TIE CENTRAL SC | | TRANS | 44 | 00 6.90 | 2.40 | | |
| 30 | CENTRAL TIE CENTRAL SC | | TRANS | 44 | 00 6.90 | 2.40 | | |
| 31 | CENTRAL TIE CENTRAL SC | | TRANS | 44 | 00 6.90 | 2.40 | | |
| 32 | CHAMBERS RET MORGANTON NC | | DIST | 44 | 00 6.90 | 2.40 | | |
| 33 | CHAMBERS RET MORGANTON NC | | DIST | 44 | 00 6.90 | | | |
| 34 | CHAMBERS RET MORGANTON NC | | DIST | 44 | 00 6.90 | | | |
| 35 | CHAMBERS RET MORGANTON NC | | DIST | 44 | 00 6.90 | | | |
| 36 | CHEROKEE RESERVATION RET CHEROKEE | NC | DIST | 66 | 00 13.00 | | | |
| 37 | CHEROKEE RESERVATION RET CHEROKEE | NC | DIST | 66 | 00 13.00 | | | |
| 38 | CHEROKEE RESERVATION RET CHEROKEE | NC | DIST | 66 | 00 13.00 | | | |
| 39 | CHERRYVILLE MAIN CHERRYVILLE NC | | DIST | 44 | 00 13.00 | | | |
| 40 | CHERRYVILLE MAIN CHERRYVILLE NC | | DIST | 44 | 00 13.00 | | | |
| | | | | | | | | |

| | e of Respondent | This Report Is: (1) X An Original | Date of Report (Mo, Da, Yr) | | Year/Period of | • |
|---|--|---|---|---------------|------------------|----------|
| Duke | e Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | SUBSTATIONS | + | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M notional character, but the number of such subdicate in column (b) the functional character inded or unattended. At the end of the page, smn (f). | street railway customer shou /a except those serving custon bstations must be shown. of each substation, designati | Id not be listed below. omers with energy for reading whether transmission | sale, ma | bution and wh | ether |
| Line | Name and Landing of Outstation | Observator | of Outlook at land | V | OLTAGE (In M\ | /a) |
| No. | Name and Location of Substation | | of Substation Pr | rimary (c) | Secondary (d) | Tertiary |
| 1 | (a) CHERRYVILLE RET CHERRYVILLE NC | DIST | (0) | 44.00 | ` ' | (e) |
| 2 | CHERRYVILLE TIE CHERRYVILLE NC | TRANS | | 100.00 | | |
| 3 | | TRANS | | 100.00 | | |
| 4 | CHERRYVILLE TIE CHERRYVILLE NC | TRANS | | 100.00 | | |
| 5 | | TRANS | | 44.00 | 0.20 | |
| 6 | | DIST | | 44.00 | | |
| 7 | | DIST | | 44.00 | | |
| 8 | | TRANS | | 100.00 | | |
| 9 | CHESNEE TIE CHESNEE SC | TRANS | | 100.00 | 44.00 | |
| 10 | CHESTER MAIN CHESTER SC | DIST | | 100.00 | 13.00 | 6.90 |
| 11 | CHESTER MAIN CHESTER SC | DIST | | 100.00 | 13.00 | 6.90 |
| 12 | CHESTER MAIN CHESTER SC | DIST | | 100.00 | 13.00 | 6.90 |
| 13 | CHESTER MAIN CHESTER SC | DIST | | 100.00 | 13.00 | 6.90 |
| 14 | CHESTER MAIN CHESTER SC | DIST | | 100.00 | 13.00 | 6.90 |
| 15 | CHESTER MAIN CHESTER SC | DIST | | 100.00 | 44.00 | 13.00 |
| 16 | CHESTER MAIN CHESTER SC | DIST | | 100.00 | 44.00 | 13.00 |
| 17 | CHESTER MAIN CHESTER SC | DIST | | 100.00 | 44.00 | 13.00 |
| 18 | CHESTER MAIN CHESTER SC | DIST | | 24.00 | 6.90 | 2.40 |
| 19 | CHESTER MAIN CHESTER SC | DIST | | 24.00 | 6.90 | 2.40 |
| 20 | CHESTER MAIN CHESTER SC | DIST | | 24.00 | 6.90 | 2.40 |
| 21 | CHESTER MAIN CHESTER SC | DIST | | 24.00 | 6.90 | 2.40 |
| 22 | CHINA GROVE MAIN CHINA GROVE NC | TRANS | | 100.00 | 44.00 | |
| 23 | CHINA GROVE MAIN CHINA GROVE NC | TRANS | | 100.00 | 44.00 | |
| 24 | CHINA GROVE MAIN CHINA GROVE NC | TRANS | | 100.00 | 44.00 | |
| 25 | CHINA GROVE MAIN CHINA GROVE NC | TRANS | | 24.00 | 0.20 | |
| 26 | CHINA GROVE RET CHINA GROVE NC | DIST | | 44.00 | 2.40 | |
| 27 | CHINA GROVE RET CHINA GROVE NC | DIST | | 44.00 | 2.40 | |
| 28 | CHINA GROVE RET CHINA GROVE NC | DIST | | 44.00 | 2.40 | |
| 29 | CHINA GROVE RET CHINA GROVE NC | DIST | | 100.00 | 13.00 | |
| 30 | CHRISTOPHER RD RET SHELBY NC | DIST | | 100.00 | 13.00 | |
| 31 | CLAREMONT RET CLAREMONT NC | DIST | | 100.00 | 13.00 | |
| 32 | CLAREMONT RET CLAREMONT NC | DIST | | 100.00 | 13.00 | |
| 33 | CLARK HILL TIE GREENWOOD SC | TRANS | | 100.00 | 44.00 | |
| 34 | CLARK HILL TIE GREENWOOD SC | TRANS | | 100.00 | 44.00 | |
| 35 | CLARK HILL TIE GREENWOOD SC | TRANS | | 100.00 | 100.00 | |
| 36 | CLARK HILL TIE GREENWOOD SC | TRANS | | 24.00 | 0.20 | |
| 37 | CLEGHORN SS RUTHERFORDTON NC | DIST | | 44.00 | 13.00 | |
| 38 | CLEMMONS RET CLEMMONS NC | DIST | | 100.00 | 13.00 | |
| 39 | CLEMMONS RET CLEMMONS NC | DIST | | 100.00 | 13.00 | |
| 40 | CLEMSON UNIV STA 2 CLEMSON SC | DIST | | 44.00 | 13.00 | |
| | | | | | | |

| | e of Respondent | This (1) | Report X An | : ls: : Original | Date of Rep (Mo, Da, Yr | oort) | Year/Period of | Report 016/Q4 |
|---|--|---------------------------------------|---|--|---|--|----------------|------------------|
| Duke | e Energy Carolinas, LLC | (2) | | Resubmission | 04/13/2017 | , | End of 20 | <u></u> |
| | | | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such subdicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | railwacept the ons methods and the constant | ay customer should not nose serving customers nust be shown. ostation, designating wh | be listed below with energy for mether transmis | w. or resale, ma ssion or distri | bution and who | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station - | Primary | Secondary | Tertiary |
| | (a) CLEMSON UNIV STA 2 CLEMSON SC | | | DIST (b) | | (c) | (d) | (e) |
| 1 | CLEVELAND RET CLEVELAND NC | | | | | 44.00 | 13.00 | |
| - | | | | DIST | | 100.00 | 13.00 | 6.9 |
| 3 | CLEVELAND RET CLEVELAND NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| 4 | CLEVELAND RET CLEVELAND NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| | CLEVELAND RET CLEVELAND NC | - NO | | DIST | | 100.00 | 13.00 | 6.9 |
| 7 | CLIFFSIDE STEAM STA 1-4 SW YD CLIFFSIDE CLIFFSIDE STEAM STA 1-4 SW YD CLIFFSIDE | | | TRANS TRANS | | 4.10 4.10 | 0.40 0.40 | |
| | CLIFFSIDE STEAM STA 1-4 SW YD CLIFFSIDE | | | TRANS | | 44.00 | 13.00 | |
| 9 | | | | TRANS | | 44.00 | 0.60 | 2.4 |
| | CLIFFSIDE STEAM STA 1-4 SW YD CLIFFSIDE | | | TRANS | | 44.00 | 0.60 | 2.4 |
| | | | | TRANS | | | | |
| 11 | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 24.00 | 4.10 4.10 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 230.00 | 4.10 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 4.10 | 0.40 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 4.10 | 0.40 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 4.10 | 0.40 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 230.00 | 24.00 | |
| 18 | | | | TRANS | | 4.10 | 0.60 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 4.10 | 0.60 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 4.10 | | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 4.10 | 0.60 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 4.10 | 0.60 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 4.10 | 0.60 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 4.10 | 0.60 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 4.10 | 0.60 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 4.10 | 0.60 | |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 4.10 | 0.60 | |
| - | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 230.00 | 100.00 | 44.0 |
| | CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE | | | TRANS | | 230.00 | 100.00 | 44.0 |
| | CLIMAX RET CLIMAX NC | | | DIST | | 44.00 | 13.00 | |
| | CLIMAX RET CLIMAX NC | | | DIST | | 44.00 | 13.00 | |
| | CLINTON CITY CLINTON SC | | | DIST | | 100.00 | | 13.0 |
| | CLINTON CITY CLINTON SC | | | DIST | | 100.00 | | 13.0 |
| | CLINTON TIE CLINTON SC | | | TRANS | | 100.00 | | 24.0 |
| 35 | CLINTON TIE CLINTON SC | | | TRANS | | 100.00 | 44.00 | 24.0 |
| | CLINTON TIE CLINTON SC | | | TRANS | | 100.00 | | 24.0 |
| 37 | CLINTON TIE CLINTON SC | | | TRANS | | 100.00 | 44.00 | 24.0 |
| | CLINTON TIE CLINTON SC | | | TRANS | | 24.00 | | |
| | CLOVER TIE CLOVER SC | | | TRANS | | 100.00 | 44.00 | |
| | CLOVER TIE CLOVER SC | | | TRANS | | 100.00 | | |
| | | | | | | | | |
| | | | | | | | | |

| | e of Respondent | This I | | ort Is: An Original | Date of Re (Mo, Da, Y | port | Year/Period of | • |
|---|--|---|------------------------|--|---|---|----------------|----------|
| Duke | e Energy Carolinas, LLC | (2) | | A Resubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | | | SUBSTATIONS | • | • | | |
| 2. S 3. S to fu 4. Ir atter | report below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street Va exc obstation of eac | railvept ons ons | way customer should no those serving customers must be shown. ubstation, designating wh | t be listed belo s with energy f nether transmi | ow. or resale, ma ssion or distri | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| | CLOVER TIE CLOVER SC | | | TRANS | | 24.00 | | |
| | CODDLE CREEK RET MOORESVILLE NC | | | DIST | | 44.00 | | |
| 3 | CODDLE CREEK RET MOORESVILLE NC | | | DIST | | 44.00 | | |
| 4 | COFFEY CREEK RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| | COFFEY CREEK RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | COLFAX RET COLFAX NC | | | DIST | | 100.00 | | |
| | COLFAX RET COLFAX NC | | | DIST | | 100.00 | | |
| | COLUMBUS RET COLUMBUS NC | | | DIST | | 44.00 | 13.00 | 6.9 |
| | COLUMBUS RET COLUMBUS NC | | | DIST | | 44.00 | | 6.9 |
| | COLUMBUS RET COLUMBUS NC | | | DIST | | 44.00 | | 6.9 |
| 11 | COLUMBUS RET COLUMBUS NC | | | DIST | | 44.00 | 13.00 | 6.9 |
| | COLUMBUS RET COLUMBUS NC | | | DIST | | 44.00 | 13.00 | |
| | COMMONWEALTH RET CHARLOTTE NC | | | DIST | | 100.00 | 13.00 | |
| | COMMONWEALTH RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | COMMSCOPE SHERRILLS FORD T&D SHERR | | | | | 44.00 | 13.00 | |
| | COMMSCOPE SHERRILLS FORD T&D SHERR | RILLS F | ORL | | | 44.00 | 13.00 | |
| | CONCORD CITY DEL 1 CONCORD NC | | | DIST | | 100.00 | 44.00 | |
| | CONCORD CITY DEL 1 CONCORD NC | | | DIST | | 100.00 | 44.00 | |
| | CONCORD CITY DEL 1 CONCORD NC | | | DIST | | 24.00 | 0.20 | |
| | CONCORD MAIN CONCORD NC | | | TRANS | | 100.00 | | |
| | CONCORD MAIN CONCORD NC | | | TRANS | | 100.00 | | |
| | CONCORD MAIN CONCORD NC | | | TRANS | | 100.00 | | |
| | CONCORD MAIN CONCORD NC | | | TRANS | | 100.00 | | |
| | CONWAY RET GREENVILLE SC | | | DIST | | 100.00 | | |
| | CONWAY RET GREENVILLE SC | 10 | | DIST | | 100.00 | | |
| | CORNING CABLE SYSTEMS T&D HICKORY N | | | DIST | | 44.00 | | |
| | CORNING CABLE SYSTEMS T&D HICKORY N | | | DIST | | 44.00 | | |
| | CORNING CABLE SYSTEMS T&D HICKORY N | IC | | DIST | | 44.00 | | 2.4 |
| | CORONACA RET CORONACA SC | | | DIST | | 44.00 | | |
| | CORONACA TIE CORONACA SC | | | DIST | | 44.00 | | |
| | CORONACA TIE CORONACA SC | | | TRANS TRANS | | 100.00 | | |
| | | | | | | 100.00 | | |
| | CORONACA TIE CORONACA SC | | | TRANS | | 100.00 | | |
| | CORONACA TIE CORONACA SC | | | TRANS | | 24.00 | | |
| | COUNTRY OF THE PROPERTY OF T | | | DIST | | 100.00 | | |
| | COUNTRYSIDE RD RET KINGS MOUNTAIN N | | | DIST | | 100.00 | | |
| | COUNTRYSIDE RD RET KINGS MOUNTAIN N | | | | | 100.00 | | 42.0 |
| | COWANS FORD HYDRO STANLEY NC COWANS FORD HYDRO STANLEY NC | | | TRANS | | 230.00 | | 13.0 |
| | COWANS FORD HYDRO STANLEY NC | | | TRANS TRANS | | 230.00 13.00 | | 13.0 |
| 40 | SOWAND FORD ITTURO STAINLET INC | | | IIVANO | | 13.00 | 0.00 | |
| | | | | | | | | |

| | e of Respondent | | Report Is | | Date of Re (Mo, Da, Y | port r) | Year/Period of | Report 016/Q4 |
|---|--|---------------------------------------|--|--|--|--|----------------|------------------|
| Duke | e Energy Carolinas, LLC | (2) | A Re | esubmission | 04/13/2017 | | End of 20 | 110/Q4 |
| | | • | | SUBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | railway cept tho ons mus ch subst | customer should not se serving customers st be shown. ation, designating wh | be listed below with energy factorine | ow. for resale, ma ssion or distri | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | COWANS FORD HYDRO STANLEY NC | | | TRANS | | 13.00 | | |
| 2 | | | | TRANS | | 44.00 | | |
| 3 | | | | DIST | | 44.00 | | 2.4 |
| 4 | COWPENS RET COWPENS SC | | | DIST | | 44.00 | | 2.4 |
| 5 | | | | DIST | | 44.00 | | 2.4 |
| 6 | COWPENS RET COWPENS SC | | | DIST | | 44.00 | | 2.4 |
| 7 | COWPENS RET COWPENS SC | | | DIST | | 44.00 | | |
| 8 | | | | DIST | | 100.00 | | |
| 9 | | | | DIST | | 100.00 | | |
| 10 | | | | DIST | | 100.00 | | |
| 11 | | | | DIST | | 100.00 | | |
| | CREST ST RET DURHAM NC | | | DIST | | 100.00 | | |
| | CREST ST RET DURHAM NC | | | DIST | | 100.00 | | |
| 14 | | | | DIST | | 100.00 | | |
| | CRETO TIE NINETY SIX SC | | | TRANS | | 100.00 | | |
| | CRUMP RD RET HUDSON NC | | | DIST | | 100.00 | | |
| 17 | | | | DIST | | 100.00 | | |
| 18 | | | | DIST | | 66.00 | | |
| | CULLOWHEE RET CULLOWHEE NC | | | DIST | | 66.00 | | |
| | CYCLE RET ELKIN NC | | | DIST | | 44.00 | | |
| | CYCLE RET ELKIN NC | | | DIST | | 44.00 | | |
| | CYPRESS TIE ABBEVILLE SC | | | TRANS | | 100.00 | | |
| | CYPRESS TIE ABBEVILLE SC | | | TRANS | | 100.00 | | |
| | CYPRESS TIE ABBEVILLE SC | | | TRANS | | 24.00 | | |
| | DACIAN AVE RET DURHAM NC | | | DIST | | 100.00 | | |
| | DACIAN AVE RET DURHAM NC | | | DIST | | 100.00 | | |
| | DALLAS CITY DEL 2 DALLAS NC | | | DIST | | 44.00 | | |
| | DALLAS CITY DEL 2 DALLAS NC | | | DIST | | 44.00 | | |
| | DAN RIVER STEAM STA EDEN NC | | | TRANS | | 138.00 | | 13.8 |
| | DAN RIVER STEAM STA EDEN NC | | | TRANS | | 138.00 | | 13.8 |
| | DAN RIVER STEAM STA EDEN NO | | | TRANS | | 138.00 | | 13.8 |
| | DAN RIVER STEAM STA EDEN NC | | | TRANS | | 138.00 | | 13.8 |
| | DAN RIVER STEAM STA EDEN NC | | | TRANS | | 2.40 | | |
| | DAN VALLEY RET STONEVILLE NC | | | DIST | | 100.00 | | |
| | DAN VALLEY RET STONEVILLE NC | | | DIST | | 100.00 | | |
| | DANBURY RET DANBURY NC | | | DIST | | 44.00 | | 13.0 |
| | DANIELS RET GREENVILLE SC | | | DIST | | 100.00 | | |
| | DANIELS RET GREENVILLE SC | | | DIST | | 100.00 | | |
| | DAVIDSON RET DAVIDSON NC | | | DIST | | 44.00 | | 2.4 |
| 40 | DAVIDSON RET DAVIDSON NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | | | | | | | | |

FERC FORM NO. 1 (ED. 12-96)

| | e of Respondent | This Report I: (1) X An (| s: Original | Date of Report (Mo, Da, Yr) | | Year/Period of | Report 016/Q4 |
|---|--|---|--|--|--------------|----------------|------------------|
| Duke | e Energy Carolinas, LLC | (2) A R | esubmission | 04/13/2017 | | End of20 |)16/Q4 |
| | | | SUBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 MN inctional character, but the number of such substations of column (b) the functional character inded or unattended. At the end of the page, smn (f). | street railway Va except tho bstations mu of each subs | y customer should no ose serving customers ist be shown. tation, designating wh | t be listed below. s with energy for res nether transmission | ale, ma | ibution and wh | ether |
| Line | | | | | V | OLTAGE (In M\ | /a) |
| No. | Name and Location of Substation | | Character of Sub | Pri | mary | Secondary | Tertiary |
| 1 | (a) DAVIDSON RET DAVIDSON NC | | (b) | | (c) 44.00 | (d) 6.90 | (e) 2.40 |
| | DAVIDSON RET DAVIDSON NC | | DIST | | 44.00 | | 2.40 |
| | DAVIDSON RET DAVIDSON NC | | DIST | | 44.00 | | 2.70 |
| 4 | DAVIDSON RET DAVIDSON NC | | DIST | | 44.00 | | 2.40 |
| | DAVIDSON RET DAVIDSON NC | | DIST | | 44.00 | | 2.40 |
| | DAVIDSON RET DAVIDSON NC | | DIST | | 44.00 | | 2.40 |
| | DAVIDSON RIVER RET PISGAH FOREST NC | | TRANS | | 100.00 | | 2.70 |
| | DAVIS RET WILLIAMSTON SC | | DIST | | 100.00 | | |
| | DEARBORN HYDRO GREAT FALLS SC | | TRANS | | 100.00 | | |
| | DEARBORN HYDRO GREAT FALLS SC | | TRANS | | 44.00 | | |
| | DEARBORN HYDRO GREAT FALLS SC | | TRANS | | 44.00 | + | |
| | DEERFIELD RET MOORESVILLE NC | | DIST | | 100.00 | | |
| | DENNY RD RET GREENSBORO NC | | DIST | | 100.00 | | |
| | DENNY RD RET GREENSBORO NC | | DIST | | 100.00 | | |
| | DENNY RD RET GREENSBORO NC | | DIST | | 100.00 | | |
| | DENTON RET DENTON NC | | DIST | | 100.00 | | |
| | DEPOT ST RET FRANKLIN NC | | DIST | | 66.00 | | |
| | DEPOT ST RET FRANKLIN NC | | DIST | | 69.00 | | |
| | DERITA RET CHARLOTTE NC | | DIST | | 100.00 | - | |
| | DERITA RET CHARLOTTE NC | | DIST | | 100.00 | | |
| | DERITA RET CHARLOTTE NC | | DIST | | 100.00 | - | |
| | DILWORTH DIST CHARLOTTE NC | | DIST | | 24.00 | | 0.60 |
| | DILWORTH DIST CHARLOTTE NC | | DIST | | 24.00 | | 0.60 |
| | DILWORTH DIST CHARLOTTE NC | | DIST | | 24.00 | + | 0.60 |
| | DILWORTH DIST CHARLOTTE NC | | DIST | | 24.00 | 1 | 0.60 |
| | DILWORTH DIST CHARLOTTE NC | | DIST | | 24.00 | | 2.40 |
| | DILWORTH DIST CHARLOTTE NC | | DIST | | 24.00 | | 2.40 |
| | DILWORTH DIST_CHARLOTTE_NC | | DIST | | 24.00 | | 2.40 |
| | DILWORTH DIST CHARLOTTE NC | | DIST | | 24.00 | | 2.40 |
| 30 | DIXIE TIE GASTONIA NC | | TRANS | | 100.00 | - | |
| | DIXIE TIE GASTONIA NC | | TRANS | | 100.00 | 44.00 | |
| 32 | DIXIE TIE GASTONIA NC | | TRANS | | 100.00 | 0.20 | |
| 33 | DIXON RET ANDERSON SC | | DIST | | 100.00 | 13.00 | |
| | DOBSON RET DOBSON NC | | DIST | | 44.00 | | |
| 35 | DOBSON RET DOBSON NC | | DIST | | 44.00 | 6.90 | |
| | DOBSON RET DOBSON NC | | DIST | | 44.00 | | 2.40 |
| 37 | DOBSON RET DOBSON NC | | DIST | | 44.00 | 6.90 | 2.40 |
| 38 | DOCHENO RET HONEA PATH SC | | DIST | | 44.00 | 13.00 | |
| 39 | DOCHENO RET HONEA PATH SC | | DIST | | 44.00 | 13.00 | |
| 40 | DRAKA COMTEQ T&D CLAREMONT NC | | DIST | | 100.00 | 24.00 | 13.00 |
| | | | | | | | |

| | e of Respondent | This Report Is: (1) X An Original | Date of Report (Mo, Da, Yr) | Year/Period of | • |
|---|--|--|---|-----------------|----------|
| Duke | e Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | End of 20 | 016/Q4 |
| | | SUBSTATIONS | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street railway customer should no Va except those serving customers abstations must be shown. of each substation, designating who will be shown. | t be listed below. s with energy for resale, mannether transmission or dist | ribution and wh | nether |
| Line | | | \ | VOLTAGE (In M\ | Va) |
| No. | Name and Location of Substation | Character of Sub | ostation Primary | Secondary | Tertiary |
| | (a) | (b) | (c) | (d) | (e) |
| 1 | DUKE UNIV MN DURHAM NC | DIST | 100.00 | | |
| 2 | | DIST | 100.00 | 0 44.00 | |
| 3 | DUKE UNIV MN DURHAM NC | DIST | 100.00 | 0 44.00 | |
| 4 | DUKE UNIV MN DURHAM NC | DIST | 24.00 | 0.20 | |
| 5 | DUKE UNIV MN DURHAM NC | DIST | 24.00 | 0.20 | |
| | DUKE UNIV MN DURHAM NC | DIST | 24.00 | | |
| | DUKE UNIV MN DURHAM NC | DIST | 24.00 | | |
| | DUKE UNIV STA 1 DURHAM NC | DIST | 44.00 | | |
| | DUKE UNIV STA 1 DURHAM NC | DIST | 44.00 | | |
| | DUKE UNIV STA 2 DURHAM NC | DIST | 44.00 | | |
| | DUKE UNIV STA 2 DURHAM NC | DIST | 44.00 | | |
| | DUKE UNIV STA 2 DURHAM NC | DIST | 44.00 | | |
| | DUKE UNIV STA 3 DURHAM NC | DIST | 44.00 | | |
| | DUKE UNIV STA 3 DURHAM NC | DIST | 44.00 | | |
| | DUKE UNIV STA 4 DURHAM NC | DIST | 44.00 | | |
| | DUKE UNIV STA 4 DURHAM NC | DIST | 44.00 | | |
| | DUKE UNIV STA 5 DURHAM NC | DIST | 44.00 | | |
| | DUKE UNIV STA 5 DURHAM NC | DIST | 44.00 | | |
| | DUKE UNIV STA 5 DURHAM NC | DIST | 44.00 | | |
| | DUNBAR RET MOORESVILLE NC | DIST | 100.00 | + | |
| - | DUNBAR RET MOORESVILLE NC | DIST | 100.00 | | |
| | DUNCAN RET DUNCAN SC | DIST | 44.00 | | |
| | DUNCAN RET DUNCAN SC | DIST | 44.00 | | |
| | DURHAM MN DURHAM NC | DIST | 100.00 | | |
| | DURHAM MN DURHAM NC | DIST | 100.00 | | |
| | DURHAM MN DURHAM NC | DIST | 100.00 | | |
| | E BRYSON RET BRYSON CITY NC | DIST | 66.00 | | |
| | E CHESTER RET CHESTER SC | DIST | 100.00 | | |
| | E CHESTER RET CHESTER SC | DIST | 100.00 | | |
| | E DURHAM TIE DURHAM NC | TRANS | 230.00 | | |
| | E DURHAM TIE DURHAM NC | TRANS | 230.00 | | 44.0 |
| | E DURHAM TIE DURHAM NC | TRANS | 44.00 | | |
| | E FRANKLIN RET FRANKLIN NC | DIST | 66.0 | | |
| | E FRANKLIN RET FRANKLIN NC | DIST | 66.00 | | |
| | E GANTT RET CONESTEE SC | DIST | 44.00 | | |
| | E GANTT RET CONESTEE SC | DIST | 44.00 | | |
| | E MAIDEN RET MAIDEN NC | DIST | 44.00 | | |
| | E MAIDEN RET MAIDEN NC | DIST | 44.00 | | 2.4 |
| | E MAIDEN RET MAIDEN NC | DIST | 44.00 | | 2.4 |
| 40 | E MAIDEN RET MAIDEN NC | DIST | 44.00 | 6.90 | 2.40 |
| | | | | | |

| Name of Respondent | | This Report Is: Date of Report (1) X An Original (Mo, Da, Yr) | | ۰۱ ۱ | | • | | |
|--|--|---|--|---|---|-------------------------------------|------------------|-----------------|
| Duke Energy Carolinas, LLC | | | | submission | 04/13/2017 | | End of 2 | 016/Q4 |
| | | | S | SUBSTATIONS | | * | | |
| 2. S 3. S to ful 4. In atter | eport below the information called for concerubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sudicate in column (b) the functional character ded or unattended. At the end of the page, snn (f). | street in Valexce bstation of each | railway ept thos ons mus n substa | customer should not se serving customers t be shown. ation, designating wh | be listed below with energy for mether transmis | w. or resale, m ssion or dist | ay be grouped | ether |
| Line | Name and Lagricus of Cultatation | | | Character of Cub | -4-4: | | VOLTAGE (In M | √a) |
| No. | Name and Location of Substation (a) | | | Character of Sub | station | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | E MAIDEN RET MAIDEN NC | | | DIST | | 44.0 | ` ' | (6) |
| | E SPARTANBURG TIE SPARTANBURG SC | | | TRANS | | 100.0 | | |
| 3 | E SPARTANBURG TIE SPARTANBURG SC | | | TRANS | | 100.0 | 0 44.00 | |
| | E SPARTANBURG TIE SPARTANBURG SC | | | TRANS | | 100.0 | | |
| | E SPARTANBURG TIE SPARTANBURG SC | | | TRANS | | 100.0 | | 2.40 |
| | E SPARTANBURG TIE SPARTANBURG SC | | | TRANS | | 100.0 | | 2.40 |
| 7 | E SPARTANBURG TIE SPARTANBURG SC | | - | TRANS | | 100.0 | 0 6.90 | 2.40 |
| 8 | E SPARTANBURG TIE SPARTANBURG SC | | - | TRANS | | 100.0 | 0 6.90 | 2.40 |
| 9 | E SPARTANBURG TIE SPARTANBURG SC | | - | TRANS | | 44.0 | 0 6.90 | 2.40 |
| 10 | E SPARTANBURG TIE SPARTANBURG SC | | - | TRANS | | 44.0 | 0 6.90 | 2.40 |
| 11 | E SPARTANBURG TIE SPARTANBURG SC | | | TRANS | | 44.0 | 0 6.90 | 2.40 |
| 12 | E SYLVA RET SYLVA NC | | | DIST | | 66.0 | 0 13.00 | |
| 13 | E SYLVA RET SYLVA NC | | | DIST | | 66.0 | 0 13.00 | |
| 14 | E THOMASVILLE RET THOMASVILLE NC | | | DIST | | 100.0 | 0 13.00 | |
| 15 | E THOMASVILLE RET THOMASVILLE NC | | | DIST | | 100.0 | 0 13.00 | |
| 16 | EASLEY CITY DEL 3 EASLEY SC | | | DIST | | 100.0 | 0 24.00 | 13.00 |
| 17 | EASLEY CITY DEL 3 EASLEY SC | | | DIST | | 100.0 | 0 44.00 | 24.00 |
| 18 | EASLEY CITY DEL 4 EASLEY SC | | | DIST | | 100.0 | 0 13.00 | |
| 19 | EASLEY MN EASLEY SC | | - | TRANS | | 100.0 | 0 13.00 | |
| 20 | EASLEY MN EASLEY SC | | - | TRANS | | 100.0 | 0 13.00 | |
| _ | EASLEY MN EASLEY SC | | | TRANS | | 100.0 | 0 13.00 | |
| 22 | EASLEY MN EASLEY SC | | | TRANS | | 100.0 | 0 44.00 | |
| 23 | EASLEY MN EASLEY SC | | - | TRANS | | 100.0 | 0 44.00 | |
| 24 | EASTATOE RET PICKENS SC | | | DIST | | 100.0 | 0 13.00 | |
| 25 | EASTFIELD RD RET CONCORD NC | | | DIST | | 100.0 | 0 13.00 | |
| 26 | EASTFIELD RD RET CONCORD NC | | | DIST | | 100.0 | 0 24.00 | |
| 27 | EASTGATE RET CHAPEL HILL NC | | | DIST | | 100.0 | 0 13.00 | |
| 28 | EASTGATE RET CHAPEL HILL NC | | 1 | DIST | | 100.0 | 0 13.00 | |
| 29 | EASTOVER RET GREENVILLE SC | | | DIST | | 100.0 | 0 13.00 | |
| 30 | EASTOVER RET GREENVILLE SC | | | DIST | | 100.0 | 0 13.00 | |
| 31 | EASY ST RET CONCORD NC | | | DIST | | 44.0 | 0 13.00 | |
| 32 | EBENEZER RET TRAVELERS REST SC | | | DIST | | 100.0 | 0 13.00 | |
| 33 | EBERT RD RET WINSTON-SALEM NC | | | DIST | | 100.0 | 0 13.00 | |
| 34 | EDNEYVILLE RET HENDERSONVILLE NC | | 1 | DIST | | 44.0 | 0 13.00 | |
| 35 | EDNEYVILLE RET HENDERSONVILLE NC | | | DIST | | 44.0 | 0 13.00 | |
| 36 | EFLAND RET EFLAND NC | | | DIST | | 44.0 | 0 13.00 | |
| 37 | EFLAND RET EFLAND NC | | | DIST | | 44.0 | 0 13.00 | |
| 38 | ELECTROLUX ANDERSON PL ANDERSON SO | 2 | | DIST | | 44.0 | 0 13.00 | |
| 39 | ELIZABETH AVE RET CHARLOTTE NC | | | DIST | | 100.0 | 0 24.00 | |
| 40 | ELIZABETH AVE RET CHARLOTTE NC | | | DIST | | 100.0 | 0 24.00 | |
| | | | | | | | | |
| | | | | | | | | |

| | e of Respondent | | Report Is: X An Original | Date of Report (Mo, Da, Yr) | Year/Period o | • |
|--|---|---|---|---|----------------|----------|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of 2 | 2016/Q4 |
| | | | SUBSTATIONS | | | |
| 2. S 3. S to ful 4. In atter | report below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character add or unattended. At the end of the page, smn (f). | street Va exc ibstation of eac | railway customer should not cept those serving customers ons must be shown. The substation, designating wh | t be listed below. s with energy for resale, r nether transmission or dis | nay be grouped | nether |
| Line | | | | | VOLTAGE (In M | Va) |
| No. | Name and Location of Substation | | Character of Sub | estation Primary | Secondary | Tertiary |
| | (a) | | (b) | (c) | (d) | (e) |
| | ELIZABETH AVE RET CHARLOTTE NC | | DIST | 100. | | |
| | ELIZABETH AVE RET CHARLOTTE NC | | DIST | 100. | | |
| | ELIZABETH AVE RET CHARLOTTE NC | | DIST | 100. | | |
| | ELIZABETH AVE RET CHARLOTTE NC | | DIST | 100. | | |
| | ELIZABETH AVE RET CHARLOTTE NC | | DIST | 24. | | |
| | ELIZABETH AVE RET CHARLOTTE NC | | DIST | 24. | | |
| | ELK VALLEY RET ELKIN NC | | DIST | 100. | | |
| | ELK VALLEY RET ELKIN NC | | DIST | 100. | | |
| | ELKIN RET ELKIN NC | | DIST | 44. | | |
| | ELKIN RET ELKIN NC | | DIST | 44. | | |
| | ELKIN RET ELKIN NC | | DIST | 44. | | |
| ļ | ELKIN RET ELKIN NO | | DIST | 44. | | |
| | ELKIN RET ELKIN NO | | DIST | 44. | | |
| | ELKIN RET ELKIN NC | | DIST | 44. | | |
| - | ELKIN RET ELKIN NO | | DIST | 44. | | |
| | ELKIN RET ELKIN NC | | DIST | 44. | | |
| | ELLERBEE RET CHAPEL HILL NC | | DIST | 100. | | |
| | ELLIOTT RET SHELBY NC ELLIOTT RET SHELBY NC | | DIST | 100. | | |
| | ELLIS RD RET DURHAM NC | | | 100. | | |
| — | ELLIS RD RET DURHAM NC | | DIST | 100. 100. | | |
| | ELMWOOD RET ELMWOOD NC | | | | | |
| | EMERALD RD RET GREENWOOD SC | | DIST | 100. | | |
| | ENERGYUNITED EMC DEL 11 TAYLORSVILLE | - NC | DIST | 100. | | |
| | ENERGYUNITED EMC DEL 11 TAYLORSVILLE | | DIST | 100. | | |
| - | ENERGYUNITED EMC DEL 11 TAYLORSVILLE | | DIST | 100. | | |
| | ENERGYUNITED EMC DEL 11 TAYLORSVILLE | | DIST | 100. | | |
| | ENO RET DURHAM NC | - 110 | DIST | 44. | | |
| | ENO RET DURHAM NC | | DIST | 44. | | |
| | ENO TIE DURHAM NC | | TRANS | 230. | | |
| | ENO TIE DURHAM NC | | TRANS | 230. | | |
| | ENO TIE DURHAM NC | | TRANS | 230. | | |
| | ENO TIE DURHAM NC | | TRANS | 230. | | |
| | ENO TIE DURHAM NC | | TRANS | 44. | | 12.0 |
| | ENO TIE DURHAM NC | | TRANS | 44. | | |
| | ENO TIE DURHAM NC | | TRANS | 44. | | |
| | ENO TIE DURHAM NC | | TRANS | 13. | | |
| | ENOCHVILLE RET KANNAPOLIS NC | | DIST | 100. | | |
| 39 | ENOCHVILLE RET KANNAPOLIS NC | | DIST | 100. | 00 13.00 | |
| 40 | ENOLA RET SPARTANBURG SC | | DIST | 100. | 00 13.00 | |
| | | | | | | |
| | | | | | | |

| | e of Respondent | This (1) | Report Is: | iginal | Date of Re (Mo, Da, Y | port r) | Year/Period of | • |
|---|--|---------------------------------------|--|---|---|--|----------------|------------|
| Duke | Duke Energy Carolinas, LLC | | A Res | ubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | | | UBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | report below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street Va exc ibstati of eac | t railway on the country the c | customer should not e serving customers be shown. tion, designating wh | be listed below with energy factories the second mether transmi | ow. for resale, ma ssion or distri | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In M\ | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| <u> </u> | (a) | | | (b) | | (c) | (d) | (e) |
| | ENOLA RET SPARTANBURG SC | | | DIST | | 100.00 | | |
| | FAIR GROVE RET THOMASVILLE NC | | | DIST | | 100.00 | | |
| | FAIRFAX RD RET GREENSBORO NC | | | DIST | | 100.00 | | |
| 4 | FAIRFAX RD RET GREENSBORO NC | | | DIST | | 100.00 | | |
| | FAIRFAX RD RET GREENSBORO NC | | | DIST | | 100.00 | | |
| | FAIRNTOSH RET DURHAM NC | | | DIST | | 100.00 | | |
| | FAIRNTOSH RET DURHAM NC | | | DIST | | 100.00 | | |
| | FAIRPLAINS RET NORTH WILKESBORO NC | | | DIST | | 100.00 | | |
| | FAIRPLAINS RET NORTH WILKESBORO NC | | | DIST | | 100.00 | | |
| | FAIRVIEW TIE FOREST CITY NC | | | TRANS | | 100.00 | | |
| | FAIRVIEW TIE FOREST CITY NO | | | TRANS | | 100.00 | | |
| ļ | FAIRVIEW TIE FOREST CITY NC | | | rans | | 100.00 | | |
| | FAITH RET SALISBURY NC | | | DIST | | 100.00 | | |
| | FAITH RET SALISBURY NC | | | DIST | | 100.00 | | |
| | FALL CREEK RET JONESVILLE NC | | | DIST | | 44.00 | | 2.4 |
| | FALL CREEK RET JONESVILLE NC | | | DIST | | 44.00 | | 2.4 |
| | FALL CREEK RET JONESVILLE NC | | | DIST | | 44.00 | | 2.4 |
| | FALL CREEK RET JONESVILLE NC | | | DIST | | 44.00 | | |
| | FALL CREEK RET JONESVILLE NO | | | DIST | | 44.00 | | |
| - | FALL CREEK RET JONESVILLE NO | | | DIST | | 44.00 | | |
| | FALL CREEK RET JONESVILLE NC | | | DIST | | 44.00 | | 2.4 |
| | FANTS GROVE RET PENDLETON SC | | | DIST | | 44.00 | | |
| | FANTS GROVE RET PENDLETON SC | | | DIST | | 44.00 | | |
| | FANTS GROVE RET PENDLETON SC | | | DIST | | 44.00 | | |
| - | FIDDLERS CREEK RET WINSTON-SALEM NO | | | DIST | | 100.00 | | |
| | FIDDLERS CREEK RET WINSTON-SALEM NO | , | | DIST | | 100.00 | | |
| | FINGERVILLE RET FINGERVILLE SC | | | DIST | | 100.00 | | |
| | FIRST ST RET HICKORY NC FIRST ST RET HICKORY NC | | | DIST | | 44.00 | | 4.1 |
| | FIRST ST RET HICKORY NC | | | DIST | | 44.00 44.00 | | 4.1 2.4 |
| | FIRST ST RET HICKORY NC | | | DIST | | 44.00 | | 2.4 |
| | FIRST ST RET HICKORY NC | | | DIST | | 44.00 | | 2.4 |
| | FIRST ST RET HICKORY NC | | | DIST | | 44.00 | | 2.4 |
| | FISHER SS CHARLOTTE NC | | | DIST | | 100.00 | | |
| | FISHER SS CHARLOTTE NC | | | DIST | | | | |
| | FISHER SS CHARLOTTE NC | | | DIST | | 100.00 24.00 | | |
| | FISHER SS CHARLOTTE NC | | | DIST | | 24.00 | | |
| - | FISHING CREEK HYDRO GREAT FALLS SC | | | TRANS | | 100.00 | | |
| | FISHING CREEK HYDRO GREAT FALLS SC | | | TRANS | | 100.00 | | |
| | FLAT ROCK RET ANDERSON SC | | | DIST | | 44.00 | | |
| | | | | | | | | |
| | <u> </u> | | | | | | | |

| | | (1) X An Origin | nal | (Mo, Da, Yr) | t | | Report |
|--|--|---|--|--|----------------|------------------|-----------------|
| Duke | Energy Carolinas, LLC | (2) A Resub | | 04/13/2017 | | End of 20 | 016/Q4 |
| | | SUE | STATIONS | | ! | | |
| 2. S 3. S to fur 4. In atten | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such su dicate in column (b) the functional character ided or unattended. At the end of the page, s mn (f). | street railway custon of except those substations must be of each substation. | stomer should no serving customers e shown. n, designating wh | t be listed below. s with energy for nether transmissi | resale, ma | bution and wh | ether |
| Line | Name and Location of Substation | | Character of Sub | estation | V | OLTAGE (In MV | /a) |
| No. | (a) | | (b) | ostation | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | FLAT ROCK RET ANDERSON SC | DIS | | | 44.00 | 13.00 | (0) |
| 2 | FLAT ROCK RET ANDERSON SC | DIS | ST | | 44.00 | 13.00 | |
| | FLAY RET LINCOLNTON NC | DIS | ST | | 44.00 | 6.90 | 2.40 |
| | | DIS | | | 44.00 | 6.90 | 2.40 |
| | FLAY RET LINCOLNTON NC | DIS | | | 44.00 | 6.90 | 2.40 |
| | FLAY RET LINCOLNTON NC | DIS | | | 44.00 | 6.90 | 2.40 |
| | FLORIDA AVE RET GREENWOOD SC | DIS | | | 44.00 | 6.90 | 2.40 |
| | FLORIDA AVE RET GREENWOOD SC | DIS | | | 44.00 | 6.90 | 2.40 |
| | FLORIDA AVE RET GREENWOOD SC | DIS | | | 44.00 | 6.90 | 2.40 |
| | FLORIDA AVE RET GREENWOOD SC | DIS | | | 44.00 | 13.00 | 2.40 |
| | FOREST CITY DEL 2 FOREST CITY NC | DIS | | | | 6.90 | 2.40 |
| | | | | | 44.00 | | 2.40 |
| | FOREST CITY DEL 2 FOREST CITY NC | DIS | | | 44.00 | 6.90 | 2.40 |
| | FOREST CITY DEL 2 FOREST CITY NC | DIS | | | 44.00 | 6.90 | 2.40 |
| | FOREST CITY DEL 2 FOREST CITY NC | DIS | | | 44.00 | 6.90 | 2.40 |
| | FOREST CITY DEL 2 FOREST CITY NC | DIS | | | 44.00 | 6.90 | 2.40 |
| | FOREST CITY DEL 2 FOREST CITY NC | DIS | | | 44.00 | 6.90 | 2.40 |
| | FOREST CITY DEL 2 FOREST CITY NC | DIS | | | 44.00 | 6.90 | 2.40 |
| | FOREST CITY DEL 3 FOREST CITY NC | DIS | | | 44.00 | 13.00 | |
| | FOREST CITY DEL 3 FOREST CITY NC | DIS | | | 44.00 | 13.00 | |
| 20 | FOREST HILL RET GREENWOOD SC | DIS | ST | | 44.00 | 13.00 | |
| 21 | FOREST HILL RET GREENWOOD SC | DIS | ST | | 44.00 | 13.00 | |
| 22 | FOREST LAKE RET FORT MILL SC | DIS | ST | | 44.00 | 24.00 | |
| 23 | FOUR SEASONS RET CHARLOTTE NC | DIS | ST | | 100.00 | 24.00 | |
| 24 | FOUR SEASONS RET CHARLOTTE NC | DIS | ST | | 100.00 | 24.00 | |
| 25 | FRIEDEN RET GIBSONVILLE NC | DIS | ST | | 100.00 | 24.00 | |
| 26 | FRIEDEN RET GIBSONVILLE NC | DIS | ST | | 100.00 | 24.00 | |
| 27 | FRIENDSHIP RET GREENSBORO NC | DIS | ST . | | 100.00 | 24.00 | |
| 28 | FRIENDSHIP RET GREENSBORO NC | DIS | ST | | 100.00 | 24.00 | |
| 29 | FRONTIER SPINNING M PL 3 MAYODAN NC | DIS | ST | | 44.00 | 0.20 | |
| 30 | FRONTIER SPINNING M PL 3 MAYODAN NC | DIS | ST | | 44.00 | 0.20 | |
| 31 | FRONTIER SPINNING M PL 3 MAYODAN NC | DIS | ST | | 44.00 | 0.20 | |
| 32 | FRONTIER SPINNING M PL 3 MAYODAN NC | DIS | ST | | 44.00 | 0.20 | |
| 33 | FRONTIER SPINNING M PL 3 MAYODAN NC | DIS | ST | | 44.00 | 0.20 | |
| 34 | FRONTIER SPINNING M PL 3 MAYODAN NC | DIS | ST | | 44.00 | 0.20 | |
| 35 | FURR RD RET HUNTERSVILLE NC | DIS | ST . | | 44.00 | 13.00 | |
| 36 | GAFFNEY CITY DEL 1A & 1B GAFFNEY SC | DIS | ST | | 100.00 | 24.00 | |
| 37 | GAFFNEY CITY DEL 1A & 1B GAFFNEY SC | DIS | ST | | 100.00 | 24.00 | |
| 38 | GAFFNEY TIE GAFFNEY SC | TR | ANS | | 100.00 | 24.00 | |
| | GAFFNEY TIE GAFFNEY SC | | ANS | | 100.00 | 24.00 | |
| | GAFFNEY TIE GAFFNEY SC | | ANS | | 100.00 | | |
| | | | | | | | |
| | | | | | | | |

| | e of Respondent | This Report | ls: Original | Date of Repo (Mo, Da, Yr) | ort | Year/Period of | • |
|---|--|---|--|--|------------------------------------|----------------|----------|
| Duke | Duke Energy Carolinas, LLC | | Resubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | <u> </u> | SUBSTATIONS | - | | | |
| 2. S 3. S to fu 4. Ir atter | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sudicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street railwa Va except th obstations more of each sub- | ay customer should no ose serving customers ust be shown. station, designating wh | t be listed below s with energy for nether transmiss | r. resale, ma sion or distri | bution and wh | ether |
| Line | | | <u> </u> | | V | OLTAGE (In M\ | /a) |
| No. | Name and Location of Substation | | Character of Sub | estation | Primary | Secondary | Tertiary |
| 1 | (a) GAFFNEY TIE GAFFNEY SC | | TRANS | | (c) 100.00 | (d) 24.00 | (e) |
| | GAFFNEY TIE GAFFNEY SC | | TRANS | | 100.00 | 24.00 | |
| 3 | GAFFNEY TIE GAFFNEY SC | | TRANS | | 100.00 | 24.00 | |
| | | | | | | | |
| 4 | GAFFNEY TIE GAFFNEY SC | | TRANS | | 100.00 | 24.00 | |
| 5 | GAFFNEY TIE GAFFNEY SC | | TRANS | | 44.00 | 0.20 | |
| 6 | GAFFNEY TIE GAFFNEY SC | | TRANS | | 44.00 | 0.20 | |
| 7 | GARRETT RD RET DURHAM NC | | DIST | | 100.00 | 24.00 | |
| 8 | GARRETT RD RET DURHAM NC | | DIST | | 100.00 | 24.00 | |
| 9 | GASTONIA CITY DEL 10 GASTONIA NC | | DIST | | 100.00 | 13.00 | |
| | GASTONIA CITY DEL 10 GASTONIA NC | | DIST | | 100.00 | 13.00 | |
| 11 | | | DIST | | | | |
| L | GASTONIA CITY DEL 11 GASTONIA NC | | DIST | | 100.00 | 13.00 | |
| | GASTONIA CITY DEL 11 GASTONIA NC | | DIST | | 100.00 | 13.00 | |
| | GASTONIA CITY DEL 12 GASTONIA NC | | DIST | | 100.00 | 13.00 | |
| 15 | GASTONIA CITY DEL 2 GASTONIA NC | | DIST | | 44.00 | 6.90 | |
| 16 | | | DIST | | 44.00 | 6.90 | 2.40 |
| 17 | GASTONIA CITY DEL 2 GASTONIA NC | | DIST | | 44.00 | 6.90 | 2.40 |
| 18 | GASTONIA CITY DEL 2 GASTONIA NC | | DIST | | 44.00 | 6.90 | 2.40 |
| 19 | GASTONIA CITY DEL 6 GASTONIA NC | | DIST | | 100.00 | 13.00 | |
| 20 | GASTONIA CITY DEL 6 GASTONIA NC | | DIST | | 100.00 | 13.00 | |
| 21 | GASTONIA CITY DEL 7 GASTONIA NC | | DIST | | 44.00 | 6.90 | 2.40 |
| 22 | GASTONIA CITY DEL 7 GASTONIA NC | | DIST | | 44.00 | 6.90 | 2.40 |
| 23 | GASTONIA CITY DEL 7 GASTONIA NC | | DIST | | 44.00 | 6.90 | 2.40 |
| 24 | GASTONIA CITY DEL 7 GASTONIA NC | | DIST | | 44.00 | 6.90 | 2.40 |
| 25 | GASTONIA CITY DEL 7 GASTONIA NC | | DIST | | 44.00 | 13.00 | 6.90 |
| 26 | GASTONIA CITY DEL 7 GASTONIA NC | | DIST | | 44.00 | 13.00 | 6.90 |
| 27 | GASTONIA CITY DEL 7 GASTONIA NC | | DIST | | 44.00 | 13.00 | 6.90 |
| 28 | GASTONIA CITY DEL 9 GASTONIA NC | | DIST | | 100.00 | 13.00 | |
| 29 | GASTONIA CITY DEL 9 GASTONIA NC | | DIST | | 100.00 | 13.00 | |
| 30 | GATEWAY RET WHITTIER NC | | DIST | | 66.00 | 13.00 | |
| 31 | GATEWAY RET WHITTIER NC | | DIST | | 66.00 | | |
| 32 | GATEWOOD RET GATEWOOD NC | | DIST | | 44.00 | 13.00 | |
| 33 | GENELEE RET DURHAM NC | | DIST | | 100.00 | 24.00 | |
| 34 | GENELEE RET DURHAM NC | | DIST | | 100.00 | 24.00 | |
| 35 | GILBREATH RET GRAHAM NC | | DIST | | 100.00 | 24.00 | |
| | GILBREATH RET GRAHAM NC | | DIST | | 100.00 | 24.00 | |
| | GILBREATH RET GRAHAM NC | | DIST | | 24.00 | | |
| - | GILBREATH RET GRAHAM NC | | DIST | | 24.00 | 13.00 | |
| | GLEN ALPINE RET GLEN ALPINE NC | | DIST | | 44.00 | | |
| | GLEN ALPINE RET GLEN ALPINE NC | | DIST | | 44.00 | 6.90 | |
| | | | | | | 3.30 | |
| | | | | | | | |
| | | | • | - | | | |

| Name of Respondent | | This (1) | Report I | ort Is: Date of R An Original (Mo, Da, | | port r) | Year/Period of Report End of 2016/Q4 | |
|---|--|---------------------------------------|--|--|--|--|--------------------------------------|----------|
| Duke Energy Carolinas, LLC | | (2) | A R | esubmission | 04/13/2017 | | | |
| | | | | SUBSTATIONS | | <u> </u> | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such subdicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | railway cept tho ons mu ch subs | y customer should not ose serving customers ust be shown. station, designating wh | be listed below with energy factorine | ow. for resale, ma ssion or distri | bution and who | ether |
| Line | | | | | | VOLTAGE (In MVa) | | |
| No. | Name and Location of Substation | | Character of Substation | | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | GLEN ALPINE RET GLEN ALPINE NC | | | DIST | | 44.00 | 6.90 | |
| <u> </u> | GLEN ALPINE RET GLEN ALPINE NC | | | DIST | | 44.00 | 6.90 | |
| 3 | GLEN RAVEN MN GLEN RAVEN NC | | | TRANS | | 100.00 | 24.00 | |
| 4 | GLEN RAVEN MN GLEN RAVEN NC | | | TRANS | | 100.00 | 24.00 | |
| | GLEN RAVEN MN GLEN RAVEN NC | | | TRANS | | 100.00 | 24.00 | |
| 6 | GLENOLA RET GLENOLA NC | | | DIST | | 100.00 | | |
| 7 | GLENOLA RET GLENOLA NC | | | DIST | | 100.00 | | |
| — | GLENWAY SS STATESVILLE NC | | | DIST | | 100.00 | 24.00 | |
| 9 | | | | DIST | | 100.00 | 13.00 | |
| 10 | | | | DIST | | 100.00 | 13.00 | |
| 11 | GOODWILL CHURCH RD RET BELEWS CREE | K NC | | DIST | | 100.00 | 13.00 | |
| | GRAHAM ST RET CHARLOTTE NC | | | DIST | | 100.00 | 13.00 | |
| | GRAHAM ST RET CHARLOTTE NC | | | DIST | | 100.00 | 13.00 | |
| 14 | | | | DIST | | 100.00 | 24.00 | |
| | GRAHAM ST RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| | GRAHAM ST RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| 17 | GRAHAM ST RET CHARLOTTE NC | | | DIST | | 13.00 | 2.40 | |
| 18 | GRAHAM ST RET CHARLOTTE NC | | | DIST | | 13.00 | 2.40 | |
| 19 | | | | DIST | | 13.00 | 2.40 | |
| 20 | | | | DIST | | 13.00 | 2.40 | |
| | GRANITE FALLS CITY DEL 2 GRANITE FALLS | NC | | DIST | | 44.00 | | |
| | GRASSY POND RET GRASSY POND SC | | | DIST | | 44.00 | 13.00 | |
| | GRASSY POND RET GRASSY POND SC | | | DIST | | 44.00 | 13.00 | |
| | GREAT FALLS HYDRO STA GREAT FALLS SO | | | TRANS | | 44.00 | 2.40 | |
| <u> </u> | GREAT FALLS HYDRO STA GREAT FALLS SO | | | TRANS | | 44.00 | 2.40 | |
| <u> </u> | GREAT FALLS HYDRO STA GREAT FALLS SO | | | TRANS | | 44.00 | 2.40 | |
| | GREAT FALLS HYDRO STA GREAT FALLS SO | | | TRANS | | 44.00 | 2.40 | |
| <u> </u> | GREAT FALLS SW STA GREAT FALLS SC | | | TRANS | | 100.00 | | |
| | GREAT FALLS SW STA GREAT FALLS SC | | | TRANS | | 100.00 | | |
| | GREEN POND RET ANDERSON SC | | | DIST | | 44.00 | | |
| | GREEN POND RET ANDERSON SC | | | DIST | | 44.00 | 13.00 | |
| | GREEN ST RET DURHAM NC GREEN ST RET DURHAM NC | | | DIST | | 100.00 | | |
| <u> </u> | | | | | | 100.00 | | |
| | GREENBRIAR SW STA SIMPSONVILLE SC | | | DIST | | 100.00 | | |
| | GREENBRIAR SW STA SIMPSONVILLE SC | | | DIST | | 100.00 | | |
| | GREENBRIAR SW STA SIMPSONVILLE SC | | | DIST | | 100.00 | | |
| - | GREENSBORO MN GREENSBORO NC | | | TRANS | | 100.00 | | 2.4 |
| — | GREENSBORO MN GREENSBORO NC | | | TRANS | | 100.00 | | 2.4 |
| | GREENSBORO MN GREENSBORO NC | | | TRANS | | 100.00 | | 2.4 |
| 40 | GREENSBORO MN GREENSBORO NC | | | TRANS | | 100.00 | 6.90 | 2.4 |
| | | | | | | | | |

| | e of Respondent | | Report Is | | Date of Re (Mo, Da, Y | port r) | Year/Period of | • |
|---|---|---|---|--|--|--|----------------|----------|
| Duke | e Energy Carolinas, LLC | (2) | A Re | submission | 04/13/2017 | 7 | End of 20 | 016/Q4 |
| | | | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character nded or unattended. At the end of the page, smn (f). | street Va exc obstation of eac | t railway cept thos ons mus ch subst | customer should not se serving customers at be shown. ation, designating wh | t be listed below with energy the mether transmi | ow. for resale, ma ssion or distri | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In M\ | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | GREENSBORO MN GREENSBORO NC | | | TRANS | | 100.00 | 24.00 | |
| 2 | GREENSBORO MN GREENSBORO NC | | | TRANS | | 100.00 | 24.00 | |
| 3 | | | | TRANS | | 100.00 | 24.00 | |
| 4 | GREENSBORO MN GREENSBORO NC | | | TRANS | | 100.00 | 24.00 | |
| 5 | GREENSBORO MN GREENSBORO NC | | | TRANS | | 100.00 | | |
| 6 | | | | TRANS | | 100.00 | | |
| 7 | GREENVILLE MN GREENVILLE SC | | | TRANS | | 100.00 | | |
| 8 | GREENVILLE MN GREENVILLE SC | | | TRANS | | 100.00 | | |
| 9 | | | | TRANS | | 100.00 | | |
| 10 | | | | TRANS | | 100.00 | | |
| 11 | GREENVILLE MN GREENVILLE SC | | | TRANS | | 100.00 | | 24.0 |
| 12 | | | | TRANS | | 100.00 | | |
| | GREENVILLE MN GREENVILLE SC | | | TRANS | | 100.00 | | |
| | GREENVILLE MN GREENVILLE SC | | | TRANS | | 100.00 | | |
| 15 | GREENVILLE MN GREENVILLE SC | | | TRANS | | 100.00 | | |
| 16 | | | | TRANS | | 100.00 | | |
| 17 | | | | TRANS | | 100.00 | | |
| 18 | | | | TRANS | | 24.00 | | |
| | GREENWOOD CITY DEL 1 GREENWOOD SC | | | DIST | | 44.00 | | |
| | GREENWOOD CITY DEL 1 GREENWOOD SC | | | DIST | | 44.00 | | |
| 21 | GREENWOOD CITY DEL 3 GREENWOOD SC | | | DIST | | 44.00 | 13.00 | |
| 22 | GREENWOOD CITY DEL 4 GREENWOOD SC | | | DIST | | 44.00 | | |
| | GREENWOOD CITY DEL 4 GREENWOOD SC | | | DIST | | 44.00 | | |
| | GREENWOOD CITY DEL 5 GREENWOOD SC | | | DIST | | 44.00 | | |
| | GREENWOOD TIE GREENWOOD SC | | | TRANS | | 100.00 | | |
| | GREENWOOD TIE GREENWOOD SC | | | TRANS | | 100.00 | | |
| | GREENWOOD TIE GREENWOOD SC | | | TRANS | | 100.00 | | |
| | GREENWOOD TIE GREENWOOD SC | | | TRANS | | 24.00 | | |
| | GREER CITY STA 2 GREER SC | | | DIST | | 100.00 | | 4.1 |
| | GREER CITY STA 2 GREER SC | | | DIST | | 100.00 | | 4.1 |
| | GREER RET GREER SC | | | DIST | | 100.00 | | |
| | GREY RET CHAPEL HILL NC | | | DIST | | 100.00 | | |
| | GREY RET CHAPEL HILL NC | | | DIST | | 100.00 | | |
| | GRIFFITH RD RET WINSTON-SALEM NC | | | DIST | | 100.00 | | |
| | GRIFFITH RD RET WINSTON-SALEM NC | | | DIST | | 100.00 | | |
| | GROOMTOWN RET GREENSBORO NC | | | DIST | | 100.00 | | |
| | GROOMTOWN RET GREENSBORO NC | | | DIST | | 100.00 | | |
| | GROOMTOWN RET GREENSBORO NC | | | DIST | | 100.00 | | |
| | GTP GREENVILLE INC. GREENVILLE SC | | | DIST | | 44.00 | | |
| 40 | GTP GREENVILLE INC GREENVILLE SC | | | DIST | | 44.00 | 2.40 | |
| | | | | | | | | |

| | e of Respondent | | Report Is: X An Ori | ninal | Date of Re (Mo, Da, Y | port r) | Year/Period of | • |
|---|--|---|--|---|--|--|----------------|----------|
| Duke | e Energy Carolinas, LLC | (2) | A Resi | ubmission | 04/13/2017 | 7 | End of 20 | 016/Q4 |
| | | | | JBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character add or unattended. At the end of the page, smn (f). | street Va exc obstation of eac | t railway of cept those ons must ch substat | ustomer should not e serving customers be shown. ion, designating wh | be listed below with energy the mether transmi | ow. for resale, ma ssion or distri | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| 1 | (a) GTP GREENVILLE INC GREENVILLE SC | | Г | (b) | | (c) 44.00 | (d) 2.40 | (e) |
| | GTP GREENVILLE INC GREENVILLE SC | | | IST | | 44.00 | | |
| 3 | | | | IST | | 100.00 | | |
| | GUTHRIE RET WINSTON-SALEM NC | | | IST | | 100.00 | | |
| 4 | | | | | | | | |
| | HAMPTON AVE BET SPARTANBURG SC | | | IST | | 100.00 | | |
| | HAMPTON AVE RET SPARTANBURG SC HAMPTON AVE RET SPARTANBURG SC | | | IST | | 100.00 | | |
| | HAMPTON AVE RET SPARTANBURG SC | | | IST | | 44.00 44.00 | | |
| | HAMPTON AVE RET SPARTANBURG SC | | | IST | | 44.00 | | |
| | | | | | | | | |
| | HAMPTON AVE RET SPARTANBURG SC | | | IST | | 44.00 | | 11.0 |
| | | | | RANS | | 230.00 | | 44.0 |
| | HARRISBURG TIE CHARLOTTE NO | | | RANS | | 230.00 | | 44.0 |
| | HARRISBURG TIE CHARLOTTE NO | | | RANS | | 230.00 | | 44.0 |
| | HARRISBURG TIE CHARLOTTE NO | | | RANS | | 230.00 | | 44.0 |
| | HARRISBURG TIE CHARLOTTE NO | | | RANS | | 44.00 | | |
| | HARRISBURG TIE CHARLOTTE NO | | | RANS | | 44.00 | | |
| | HARRISBURG TIE CHARLOTTE NO | | | RANS | | 44.00 | | |
| | HARRISBURG TIE CHARLOTTE NO | | | RANS | | 44.00 | | 0.0 |
| | HARRISBURG TIE CHARLOTTE NO | | | RANS | | 44.00 | | 0.6 |
| | HARRISBURG TIE CHARLOTTE NC HARRISBURG TIE CHARLOTTE NC | | | RANS | | 44.00 | | 0.6 |
| | | | | RANS | | 44.00 | | 0.6 |
| | HARTFORD AVE BET BESSEMER CITY NO | | | IST | | 44.00 | | |
| | HARTFORD AVE RET BESSEMER CITY NC HAW RIVER RET HAW RIVER NC | | | IST IST | | 44.00 13.00 | | 0.6 |
| | HAW RIVER RET HAW RIVER NC | | | IST | | 13.00 | | |
| | HAW RIVER RET HAW RIVER NC | | | IST | | | | 0.6 |
| | HAW RIVER RET HAW RIVER NC | | | IST | | 44.00 13.00 | | 0.6 |
| | HAW RIVER RET HAW RIVER NC | | | IST | | 13.00 | | |
| | HAWTHORNE RD RET WINSTON-SALEM NC | | | IST | | | | 0.6 |
| | HAWTHORNE RD RET WINSTON-SALEM NC | | | IST | | 100.00 | | |
| | | | | IST | | | | |
| | HAWTHORNE RD RET WINSTON-SALEM NC HAWTHORNE RD RET WINSTON-SALEM NC | | | IST | | 100.00 | | |
| | HAWTHORNE RD RET WINSTON-SALEM NC | | | IST | | 100.00 | | |
| | HAYS RET HAYS NC | | | IST | | 44.00 | | |
| | HEATH RET RANDLEMAN NC | | | IST | | | | |
| | HEATH RET RANDLEMAN NC | | | IST | | 100.00 | | |
| | HENDERSONVILLE TIE EAST FLAT ROCK NO | , | | RANS | | 100.00 | | |
| | HENDERSONVILLE TIE EAST FLAT ROCK NO | | | RANS | | 100.00 | | |
| | HENDERSONVILLE TIE EAST FLAT ROCK NO | | | RANS | | 24.00 | | |
| | HENSLEY RD RET FORT MILL SC | , | | IST | | 13.00 | | |
| 40 | THE STATE OF THE S | | | | | 13.00 | 2.40 | |
| | | | | | | | | |

| | e of Respondent | | Report Is | | Date of Re (Mo, Da, Y | port r) | Year/Period of | |
|---|---|---|--|--|---|--|----------------|----------|
| Duke | e Energy Carolinas, LLC | (2) | A Re | submission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | | | SUBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | report below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character inded or unattended. At the end of the page, smn (f). | street Va exc ibstation of eac | railway cept thos ons mus ch substa | customer should not se serving customers at be shown. ation, designating wh | t be listed belo with energy f nether transmi | ow. for resale, ma ssion or distri | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In M\ | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | HENSLEY RD RET FORT MILL SC | | | DIST | | 13.00 | 2.40 | |
| 2 | HENSLEY RD RET FORT MILL SC | | | DIST | | 13.00 | 2.40 | |
| 3 | HENSLEY RD RET FORT MILL SC | | | DIST | | 13.00 | 2.40 | |
| 4 | HENSLEY RD RET FORT MILL SC | | | DIST | | 44.00 | 6.90 | |
| 5 | HENSLEY RD RET FORT MILL SC | | | DIST | | 44.00 | 6.90 | |
| 6 | HENSLEY RD RET FORT MILL SC | | | DIST | | 44.00 | 6.90 | |
| 7 | HENSLEY RD RET FORT MILL SC | | | DIST | | 44.00 | 6.90 | |
| 8 | HENSLEY RD RET FORT MILL SC | | | DIST | | 44.00 | 6.90 | |
| 9 | HENSLEY RD RET FORT MILL SC | | | DIST | | 44.00 | 6.90 | |
| 10 | HENSLEY RD RET FORT MILL SC | | | DIST | | 44.00 | 6.90 | |
| 11 | HICKORY GROVE RET CHARLOTTE NC | | | DIST | | 100.00 | 13.00 | |
| 12 | HICKORY GROVE RET CHARLOTTE NC | | | DIST | | 100.00 | 13.00 | |
| 13 | HICKORY GROVE RET CHARLOTTE NC | | | DIST | | 100.00 | 13.00 | |
| 14 | HICKORY TIE HICKORY NC | | | TRANS | | 100.00 | 44.00 | |
| 15 | HICKORY TIE HICKORY NC | | | TRANS | | 100.00 | 44.00 | |
| 16 | HICKORY TIE HICKORY NC | | | TRANS | | 100.00 | 44.00 | |
| 17 | HICKORY TIE HICKORY NC | | | TRANS | | 24.00 | 0.20 | |
| | HIDDENITE RET HIDDENITE NC | | | DIST | | 44.00 | 13.00 | |
| 19 | HIDDENITE RET HIDDENITE NC | | | DIST | | 44.00 | 6.90 | |
| 20 | HIDDENITE RET HIDDENITE NC | | | DIST | | 44.00 | 6.90 | |
| 21 | HIDDENITE RET HIDDENITE NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| 22 | HIDDENITE RET HIDDENITE NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| 23 | HIGH SHOALS RET HIGH SHOALS NC | | | DIST | | 13.00 | 2.40 | |
| 24 | HIGH SHOALS RET HIGH SHOALS NC | | | DIST | | 13.00 | 2.40 | |
| 25 | HIGH SHOALS RET HIGH SHOALS NC | | | DIST | | 13.00 | 2.40 | |
| 26 | HIGH SHOALS RET HIGH SHOALS NC | | | DIST | | 44.00 | 13.00 | |
| 27 | HIGH SHOALS RET HIGH SHOALS NC | | | DIST | | 44.00 | 13.00 | 13.0 |
| 28 | HIGHLANDS RET HIGHLANDS NC | | | DIST | | 66.00 | 13.00 | |
| 29 | HIGHLANDS RET HIGHLANDS NC | | | DIST | | 66.00 | 13.00 | |
| 30 | HIGHTOWER RET TAYLORS SC | | | DIST | | 100.00 | | |
| | HIGHTOWER RET TAYLORS SC | | | DIST | | 100.00 | | |
| | HILL ST RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | HILL ST RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | HILL ST RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | HILLBROOK RET SPARTANBURG SC | | | DIST | | 100.00 | | |
| | HILLBROOK RET SPARTANBURG SC | | | DIST | | 100.00 | | |
| | HILLSBOROUGH RET HILLSBOROUGH NC | | | DIST | | 44.00 | | 2.4 |
| | HILLSBOROUGH RET HILLSBOROUGH NC | | | DIST | | 44.00 | | 2.4 |
| | HILLSBOROUGH RET HILLSBOROUGH NC | | | DIST | | 44.00 | | 2.4 |
| 40 | HILLSBOROUGH RET HILLSBOROUGH NC | | | DIST | | 44.00 | 6.90 | |
| | | | | | | | | |

| Name | e of Respondent | (1) X An Original | (Mo, Da, | | Year/Period of | • |
|---|--|---|---|--|------------------|-----------------|
| Duke | e Energy Carolinas, LLC | (2) A Resubmission | 04/13/20 | , | End of 20 | 016/Q4 |
| | | SUBSTATIO | NS | ļ | | |
| 2. S 3. S to fu 4. Ir atter | teport below the information called for concerubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character inded or unattended. At the end of the page, smn (f). | street railway customer s /a except those serving obstations must be shown of each substation, design | should not be listed be customers with energy n. nating whether transr | elow. y for resale, may mission or distril | bution and wh | ether |
| Line | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation (a) | Chara | cter of Substation (b) | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | HILLSBOROUGH RET HILLSBOROUGH NC | DIST | (0) | 44.00 | 6.90 | (0) |
| | | DIST | | 44.00 | 6.90 | 2.40 |
| 3 | HILLTOP TIE KINGS MOUNTAIN NC | TRANS | | 100.00 | 44.00 | |
| | | TRANS | | 100.00 | 44.00 | |
| | HILLTOP TIE KINGS MOUNTAIN NC | TRANS | | 100.00 | 44.00 | |
| 6 | HILLTOP TIE KINGS MOUNTAIN NC | TRANS | | 100.00 | 44.00 | |
| | HILLTOP TIE KINGS MOUNTAIN NC | TRANS | | 24.00 | 0.20 | |
| 8 | HINSHAW RET WINSTON-SALEM NC | DIST | | 100.00 | 13.00 | |
| 9 | HINSHAW RET WINSTON-SALEM NC | DIST | | 100.00 | 13.00 | |
| 10 | HINSHAW RET WINSTON-SALEM NC | DIST | | 100.00 | 13.00 | |
| 11 | HITACHI METALS LTD CHINA GROVE NC | DIST | | 44.00 | 13.00 | |
| 12 | HODGES TIE HODGES SC | TRANS | | 230.00 | 100.00 | 44.00 |
| 13 | HODGES TIE HODGES SC | TRANS | | 230.00 | 100.00 | 44.00 |
| 14 | HODGES TIE HODGES SC | TRANS | | 44.00 | | |
| 15 | HODGES TIE HODGES SC | TRANS | | 44.00 | 0.40 | |
| 16 | HOLCOMBE RD RET PIEDMONT SC | DIST | | 100.00 | 13.00 | |
| 17 | HOLLY HILL RET THOMASVILLE NC | DIST | | 100.00 | 13.00 | |
| 18 | HOLLY HILL RET THOMASVILLE NC | DIST | | 100.00 | 13.00 | |
| 19 | HOMESTEAD RET CHAPEL HILL NC | DIST | | 100.00 | 13.00 | |
| 20 | HOMESTEAD RET CHAPEL HILL NC | DIST | | 100.00 | 13.00 | |
| 21 | HOPE VALLEY RET DURHAM NC | DIST | | 100.00 | 13.00 | |
| 22 | HOPE VALLEY RET DURHAM NC | DIST | | 100.00 | 13.00 | |
| 23 | HOPEDALE DIST HOPEDALE NC | DIST | | 24.00 | 6.90 | |
| 24 | HOPEDALE DIST HOPEDALE NC | DIST | | 24.00 | 6.90 | 2.40 |
| 25 | HOPEDALE DIST HOPEDALE NC | DIST | | 24.00 | 6.90 | 2.40 |
| 26 | HOPEDALE DIST HOPEDALE NC | DIST | | 24.00 | 6.90 | 2.40 |
| 27 | HORSESHOE TIE HENDERSONVILLE NC | TRANS | | 100.00 | 100.00 | 13.00 |
| 28 | HORSESHOE TIE HENDERSONVILLE NC | TRANS | | 100.00 | 100.00 | 13.00 |
| 29 | HORSESHOE TIE HENDERSONVILLE NC | TRANS | | 100.00 | 44.00 | |
| 30 | HORSESHOE TIE HENDERSONVILLE NC | TRANS | | 100.00 | 44.00 | |
| 31 | HORSESHOE TIE HENDERSONVILLE NC | TRANS | | 24.00 | 0.20 | |
| | HORSESHOE TIE HENDERSONVILLE NC | TRANS | | 24.00 | 0.20 | |
| | HORSESHOE TIE HENDERSONVILLE NC | TRANS | | 100.00 | 44.00 | |
| | HORSESHOE TIE HENDERSONVILLE NC | TRANS | | 24.00 | 0.20 | |
| | HORTON RD RET DURHAM NC | DIST | | 100.00 | 13.00 | |
| | HORTON RD RET DURHAM NC | DIST | | 100.00 | 13.00 | |
| | HUDLOW RET RUTHERFORDTON NC | DIST | | 100.00 | 13.00 | |
| | HUDSON ST RET GREENVILLE SC | DIST | | 100.00 | 13.00 | |
| | HUDSON ST RET GREENVILLE SC | DIST | | 100.00 | 13.00 | |
| 40 | HUDSON ST RET GREENVILLE SC | DIST | | 100.00 | 13.00 | |
| | | | | | | |

| Nam | e of Respondent | This Repo | ort Is: An Original | Date of Repo (Mo, Da, Yr) | rt | Year/Period of | • |
|---|--|--|--|--|-----------------------------|------------------|-----------------|
| Duke | e Energy Carolinas, LLC | | A Resubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | ` ' _ | SUBSTATIONS | ļ | + | | - |
| 2. S 3. S to fu 4. Ir atter | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M'nctional character, but the number of such sudicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street rails /a except bstations of each su | way customer should no those serving customers must be shown. ibstation, designating wh | t be listed below s with energy for nether transmiss | resale, ma ion or distri | bution and wh | ether |
| Line | Name and Location of Cubatation | | Character of Cub | atatia a | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation (a) | | Character of Sub (b) | ostation | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | HUNTERSVILLE CITY HUNTERSVILLE NC | | DIST | | 44.00 | 13.00 | (0) |
| | HUNTERSVILLE CITY HUNTERSVILLE NC | | DIST | | 44.00 | 13.00 | |
| 3 | HURRICANE CREEK RET ANDERSON SC | | DIST | | 100.00 | 13.00 | |
| 4 | IBM CHARLOTTE PL SS CHARLOTTE NC | | DIST | | 100.00 | 13.00 | |
| | IBM CHARLOTTE PL SS CHARLOTTE NC | | DIST | | 100.00 | 13.00 | |
| | IBM CHARLOTTE PL SS CHARLOTTE NC | | DIST | | 100.00 | 24.00 | |
| 7 | | | DIST | | 100.00 | 24.00 | |
| | ICARD RET ICARD NC | | DIST | | 44.00 | 6.90 | |
| 9 | | | DIST | | 44.00 | 6.90 | |
| | ICARD RET ICARD NC | | DIST | | 44.00 | 6.90 | |
| | ICARD RET ICARD NC | | DIST | | | 6.90 | |
| | | | | | 44.00 | | |
| | ICARD RET ICARD NO | | DIST | | 44.00 | 6.90 | |
| | ICARD RET ICARD NC | | DIST | | 44.00 | 6.90 | |
| | ICARD RET ICARD NC | | DIST | | 44.00 | 6.90 | |
| | IMPERIAL RET DURHAM NC | | DIST | | 100.00 | 24.00 | |
| | IMPERIAL RET DURHAM NC | | DIST | | 100.00 | 24.00 | |
| | IMPERIAL RET DURHAM NC | | DIST | | 100.00 | 24.00 | |
| | INDIAN LAND RET FORT MILL SC | | DIST | | 100.00 | 13.00 | |
| | INDIAN LAND RET FORT MILL SC | | DIST | | 100.00 | 24.00 | |
| 20 | INMAN TIE INMAN SC | | TRANS | | 100.00 | 44.00 | |
| 21 | INMAN TIE INMAN SC | | TRANS | | 100.00 | 44.00 | |
| 22 | INMAN TIE INMAN SC | | TRANS | | 100.00 | 44.00 | |
| 23 | ISLAND FORD RD RET STATESVILLE NC | | DIST | | 100.00 | 13.00 | |
| 24 | JAMES ST RET CHAPEL HILL NC | | DIST | | 100.00 | 13.00 | 6.90 |
| 25 | JAMES ST RET CHAPEL HILL NC | | DIST | | 100.00 | 13.00 | |
| 26 | JENKINS BRANCH RET BRYSON CITY NC | | DIST | | 66.00 | 13.00 | |
| 27 | JENKINS BRANCH RET BRYSON CITY NC | | DIST | | 66.00 | 13.00 | |
| 28 | JESSUPTOWN RET GREENSBORO NC | | DIST | | 100.00 | 24.00 | |
| 29 | JESSUPTOWN RET GREENSBORO NC | | DIST | | 100.00 | 24.00 | |
| 30 | JOCASSEE HYDRO JOCASSEE SC | | TRANS | | 230.00 | 13.00 | |
| 31 | JOCASSEE HYDRO JOCASSEE SC | | TRANS | | 230.00 | 13.00 | |
| 32 | JOCASSEE HYDRO JOCASSEE SC | | TRANS | | 230.00 | 13.00 | |
| 33 | JOCASSEE HYDRO JOCASSEE SC | | TRANS | | 230.00 | 13.00 | |
| 34 | JOCASSEE HYDRO JOCASSEE SC | | TRANS | | 13.00 | 0.40 | |
| 35 | JOCASSEE HYDRO JOCASSEE SC | | TRANS | | 4.10 | 0.60 | |
| 36 | JOCASSEE HYDRO JOCASSEE SC | | TRANS | | 44.00 | 0.60 | 0.60 |
| 37 | JOCASSEE HYDRO JOCASSEE SC | | TRANS | | 44.00 | 0.60 | 0.60 |
| 38 | JOCASSEE HYDRO JOCASSEE SC | | TRANS | | 44.00 | 0.60 | 0.60 |
| | JOCASSEE HYDRO JOCASSEE SC | | TRANS | | 44.00 | | 0.60 |
| | JOCASSEE HYDRO JOCASSEE SC | | TRANS | | 13.00 | | |
| | | | | | | | |
| | | | | , | | | |

| | e of Respondent | | Report I: | | Date of Re (Mo, Da, Y | port r) | Year/Period of End of 20 | Report 016/Q4 |
|---|--|---------------------------------------|--|---|---|---|--------------------------|------------------|
| Duke | e Energy Carolinas, LLC | (2) | A R | esubmission | 04/13/2017 | , · | EII0 01 | 710/04 |
| <u> </u> | | | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character inded or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | railway cept tho ons mu ch subs | y customer should no use serving customers st be shown. tation, designating wl | t be listed belo s with energy f nether transmi | ow. or resale, ma ssion or distri | bution and who | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | ostation | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| | JOCASSEE HYDRO JOCASSEE SC | | | TRANS | | 4.10 | | |
| | JOCASSEE HYDRO JOCASSEE SC | | | TRANS | | 13.00 | | |
| 3 | | | | TRANS | | 13.00 | | |
| 4 | JOCASSEE HYDRO JOCASSEE SC | | | TRANS | | 13.00 | | |
| | JOCASSEE TIE JOCASSEE SC | | | TRANS | | 500.00 | | 24.0 |
| | JOCASSEE TIE JOCASSEE SC | | | TRANS | | 500.00 | | 24.0 |
| 7 | | | | TRANS | | 500.00 | | 24.0 |
| | JOCASSEE TIE JOCASSEE SC | | | TRANS | | 230.00 | | 13.0 |
| | JOHNS CREEK RET GREENWOOD SC | | | DIST | | 100.00 | | |
| | JOHNS CREEK RET GREENWOOD SC | | | DIST | | 100.00 | | |
| | JULIAN RD RET SALISBURY NC | | | DIST | | 100.00 | | |
| | KANUGA RET HENDERSONVILLE NC | | | DIST | | 44.00 | | |
| | KANUGA RET HENDERSONVILLE NC | | | DIST | | 44.00 | | |
| | KENILWORTH RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | KENILWORTH RET CHARLOTTE NO | | | DIST | | 100.00 | | |
| | KENILWORTH RET CHARLOTTE NC KEOWEE HYDRO NEWRY SC | | | DIST | | 100.00 | | 40.0 |
| | KEOWEE HYDRO NEWRY SC | | | TRANS | | 230.00 | | 13.0 |
| | KEOWEE HYDRO NEWRY SC | | | TRANS | | 13.00 | | |
| | KEOWEE HYDRO NEWRY SC | | | TRANS | | | | |
| | | | | TRANS | | 13.00 | | |
| - | KEOWEE HYDRO NEWRY SC | | | TRANS | | 13.00 | | |
| | KEOWEE HYDRO NEWRY SC | | | TRANS | | 13.00 4.10 | | |
| | KERNERSVILLE RET KERNERSVILLE NC | | | TRANS | | 100.00 | | 6.9 |
| | KERNERSVILLE RET KERNERSVILLE NC | | | DIST | | 100.00 | | 13.0 |
| | KERNERSVILLE RET KERNERSVILLE NC | | | DIST | | 100.00 | | 13.0 |
| | KERNERSVILLE RET KERNERSVILLE NC | | | DIST | | 100.00 | | 13.0 |
| | KERNERSVILLE RET KERNERSVILLE NC | | | DIST | | 100.00 | | 6.9 |
| | KERNERSVILLE RET KERNERSVILLE NC | | | DIST | | 100.00 | | 6.9 |
| | KERNERSVILLE RET KERNERSVILLE NC | | | DIST | | 100.00 | | 6.9 |
| | KERNERSVILLE RET KERNERSVILLE NC | | | DIST | | 100.00 | | 13.0 |
| | KERSHAW RET KERSHAW SC | | | DIST | | 44.00 | | 2.4 |
| | KERSHAW RET KERSHAW SC | | | DIST | | 44.00 | | 2.4 |
| | KERSHAW RET KERSHAW SC | | | DIST | | 44.00 | | 2.4 |
| | KERSHAW RET KERSHAW SC | | | DIST | | 44.00 | | 2.4 |
| | KERSHAW RET KERSHAW SC | | | DIST | | 44.00 | | 2.4 |
| | KERSHAW RET KERSHAW SC | | | DIST | | 44.00 | | 2.4 |
| | KERSHAW RET KERSHAW SC | | | DIST | | 44.00 | | 2.4 |
| | KERSHAW RET KERSHAW SC | | | DIST | | 44.00 | | 2.4 |
| | KEY ST RET PILOT MOUNTAIN NC | | | DIST | | 44.00 | | |
| "3 | | | | | | | 10.00 | |
| | | | | | | | | |

| | e of Respondent | | Report Is: X An Original | Date of Report (Mo, Da, Yr) | Year/Period o | of Report 2016/Q4 |
|---|---|---|---|--|----------------|----------------------|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of 2 | :016/Q4 |
| | | • | SUBSTATIONS | | | |
| 2. S 3. S to fu 4. Ir atter | deport below the information called for concert ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nectional character, but the number of such subdicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street Va exc ubstation of eac | railway customer should no cept those serving customer ons must be shown. ch substation, designating w | of be listed below. s with energy for resale, resther transmission or dis | may be grouped | nether |
| Line | | | | | VOLTAGE (In M | Va) |
| No. | Name and Location of Substation | | Character of Su | bstation Primary | Secondary | Tertiary |
| | (a) | | (b) | (c) | (d) | (e) |
| 1 | KEY ST RET PILOT MOUNTAIN NC | | DIST | 44. | 00 13.00 | |
| 2 | KILDARE RET GREENSBORO NC | | DIST | 100. | 00 24.00 | |
| 3 | KILDARE RET GREENSBORO NC | | DIST | 100. | 00 24.00 | |
| 4 | KIMESVILLE RET KIMESVILLE NC | | DIST | 44. | 00 13.00 | |
| | KIMESVILLE RET KIMESVILLE NC | | DIST | 44. | | |
| | KINCAID RD RET HUDSON NC | | DIST | 100. | | |
| | KINCAID RD RET HUDSON NC | | DIST | 100. | | |
| | KING RET KING NC | | DIST | 100. | | |
| | KING RET KING NC | | DIST | 100. | | |
| | KINGS MTN CITY DEL 2 KINGS MOUNTAIN N | | DIST | 44. | | |
| | KINGS MTN CITY DEL 2 KINGS MOUNTAIN N | | DIST | 44. | | |
| | KINGS MTN CITY DEL 2 KINGS MOUNTAIN N | | DIST | 44. | | |
| | KINGS MTN CITY DEL 2 KINGS MOUNTAIN N | C | DIST | 44. | | |
| | KINGS MTN MAIN KINGS MOUNTAIN NC | | DIST | 44. | | |
| | KINGS MTN MAIN KINGS MOUNTAIN NC | | DIST | 44. | | |
| | KINGSGATE RET GREENVILLE SC KIT CREEK RET DURHAM NC | | DIST | 100. 100. | | |
| | KIVETT DR RET HIGH POINT NC | | DIST | 100. | | |
| | KIVETT DR RET HIGH POINT NC | | DIST | 100. | | |
| | KIVETT DR RET HIGH POINT NC | | DIST | 100. | | |
| — | KIVETT DR RET HIGH POINT NC | | DIST | 100. | _ | ļ |
| | KIVETT DR RET HIGH POINT NC | | DIST | 24. | | |
| | KIVETT DR RET HIGH POINT NC | | DIST | 24. | | |
| | KIVETT DR RET HIGH POINT NC | | DIST | 24. | | |
| | KIVETT DR RET HIGH POINT NC | | DIST | 24. | | |
| | KNIGHTS RET ROCK HILL SC | | DIST | 100. | | |
| | KNOLLWOOD RET SPARTANBURG SC | | DIST | 100. | | |
| 28 | KNOLLWOOD RET SPARTANBURG SC | | DIST | 100. | 00 13.00 | |
| 29 | KUDZU RET CHARLOTTE NC | | DIST | 100. | 00 24.00 | |
| 30 | KUDZU RET CHARLOTTE NC | | DIST | 100. | 00 13.00 | |
| 31 | LAKE EMORY TIE FRANKLIN NC | | TRANS | 161. | 00 66.00 | |
| 32 | LAKE EMORY TIE FRANKLIN NC | | TRANS | 161. | 00 66.00 | |
| 33 | LAKE EMORY TIE FRANKLIN NC | | TRANS | 161. | 00 66.00 | |
| 34 | LAKE EMORY TIE FRANKLIN NC | | TRANS | 44. | 00 2.40 | 0.6 |
| 35 | LAKE EMORY TIE FRANKLIN NC | | TRANS | 44. | 00 2.40 | 0.6 |
| 36 | LAKE EMORY TIE FRANKLIN NC | | TRANS | 44. | 00 2.40 | 0.6 |
| 37 | LAKE EMORY TIE FRANKLIN NC | | TRANS | 44. | 00 2.40 | |
| 38 | LAKE EMORY TIE FRANKLIN NC | | TRANS | 44. | 00 2.40 | |
| 39 | LAKE EMORY TIE FRANKLIN NC | | TRANS | 44. | 00 2.40 | |
| 40 | LAKE EMORY TIE FRANKLIN NC | | TRANS | 66. | 00 2.40 | |
| | | | | | | |
| <u> </u> | <u> </u> | | | | | |

| | e of Respondent | This Report Is: (1) X An Original | Date of Report (Mo, Da, Yr) | Year/Period of | • |
|---|--|--|--|----------------|----------|
| Duke | e Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | End of 20 | 016/Q4 |
| | | SUBSTATIONS | • | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such subdicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street railway customer should not Va except those serving customers abstations must be shown. of each substation, designating wh | t be listed below. s with energy for resale, mannether transmission or distr | ibution and wh | ether |
| Line | | | V | OLTAGE (In M\ | /a) |
| No. | Name and Location of Substation | Character of Sub | estation Primary | Secondary | Tertiary |
| | (a) | (b) | (c) | (d) | (e) |
| 1 | LAKE LURE RET LAKE LURE NC | DIST | 44.00 | 6.90 | 2.4 |
| 2 | LAKE LURE RET LAKE LURE NC | DIST | 44.00 | 6.90 | 2.4 |
| 3 | LAKE LURE RET LAKE LURE NC | DIST | 44.00 | 6.90 | 2.4 |
| 4 | LAKE LURE RET LAKE LURE NC | DIST | 44.00 | 6.90 | 2.4 |
| 5 | LAKE LURE RET LAKE LURE NC | DIST | 44.00 | 13.00 | |
| 6 | LAKE TOWNSEND RET GREENSBORO NC | DIST | 100.00 | 24.00 | |
| 7 | LAKE TOWNSEND RET GREENSBORO NC | DIST | 100.00 | 24.00 | 1 |
| 8 | LAKEWOOD RET CHARLOTTE NC | DIST | 100.00 | 6.90 | 1 |
| 9 | LAKEWOOD RET CHARLOTTE NC | DIST | 100.00 | 6.90 | |
| 10 | LAKEWOOD RET CHARLOTTE NC | DIST | 100.00 | 6.90 | |
| 11 | LAKEWOOD RET CHARLOTTE NC | DIST | 100.00 | 6.90 | |
| 12 | LAKEWOOD RET CHARLOTTE NC | DIST | 100.00 | 13.00 | 6.9 |
| 13 | LAKEWOOD RET CHARLOTTE NC | DIST | 100.00 | 13.00 | 6.9 |
| 14 | LAKEWOOD RET CHARLOTTE NC | DIST | 100.00 | 13.00 | 6.9 |
| 15 | LAKEWOOD RET CHARLOTTE NC | DIST | 44.00 | 4.10 | |
| 16 | LAKEWOOD RET CHARLOTTE NC | DIST | 44.00 | 4.10 | |
| 17 | LAKEWOOD TIE CHARLOTTE NC | TRANS | 230.00 | 100.00 | 44.0 |
| 18 | LAKEWOOD TIE CHARLOTTE NC | TRANS | 230.00 | 100.00 | 44.0 |
| 19 | LAKEWOOD TIE CHARLOTTE NC | TRANS | 44.00 | | |
| 20 | LAKEWOOD TIE CHARLOTTE NC | TRANS | 44.00 | | |
| 21 | LAKEWOOD TIE CHARLOTTE NC | TRANS | 44.00 | 0.40 | |
| 22 | LANCASTER MN LANCASTER SC | TRANS | 100.00 | 44.00 | |
| 23 | LANCASTER MN LANCASTER SC | TRANS | 100.00 | 44.00 | |
| 24 | LANCASTER MN LANCASTER SC | TRANS | 100.00 | 44.00 | |
| 25 | LANCASTER MN LANCASTER SC | TRANS | 100.00 | 44.00 | |
| 26 | LANCASTER MN LANCASTER SC | TRANS | 100.00 | 44.00 | 24.0 |
| 27 | LANCASTER MN LANCASTER SC | TRANS | 100.00 | 44.00 | 24.0 |
| | LANCASTER MN LANCASTER SC | TRANS | 100.00 | 44.00 | 24.0 |
| 29 | LANCASTER MN LANCASTER SC | TRANS | 100.00 | 44.00 | 24.0 |
| 30 | LANCASTER MN LANCASTER SC | TRANS | 24.00 | 0.20 | |
| | LANCASTER RET LANCASTER SC | DIST | 100.00 | | |
| | LANCASTER RET LANCASTER SC | DIST | 100.00 | | |
| 33 | LANCASTER RET LANCASTER SC | DIST | 100.00 | | |
| 34 | LANCASTER RET LANCASTER SC | DIST | 100.00 | 2.40 | |
| | LANCASTER RET LANCASTER SC | DIST | 100.00 | | |
| | LANCASTER RET LANCASTER SC | DIST | 100.00 | | |
| | LANDIS CITY DEL 1&2 LANDIS NC | DIST | 44.00 | | |
| | LANDIS CITY DEL 1&2 LANDIS NC | DIST | 44.00 | | |
| | LANDIS CITY DEL 1&2 LANDIS NC | DIST | 44.00 | | |
| 40 | LANDIS CITY DEL 1&2 LANDIS NC | DIST | 44.00 | 2.40 | |
| | | | | | |

| | e of Respondent | | Report Is | | Date of Rep (Mo, Da, Yi | oort ') | Year/Period or | f Report 016/Q4 |
|---|--|-------------------------------------|---|---|--|----------------------------------|----------------|--------------------|
| Duke | e Energy Carolinas, LLC | (2) | A Re | esubmission | 04/13/2017 | | End of 2 | J10/Q4 |
| l | | | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street Va excubstation of eac | railway ept tho ons mu h subsi | customer should not se serving customers st be shown. tation, designating wh | t be listed below with energy finether transmis | w. or resale, massion or dist | ibution and wh | ether |
| Line | | | | | | , | /OLTAGE (In M\ | √a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | | | | DIST | | 44.0 | | |
| 2 | | | | DIST | | 44.0 | | |
| 3 | | | | DIST | | 44.0 | 13.00 | |
| 4 | LANDRUM RET LANDRUM SC | | | DIST | | 44.0 | | |
| | LANDRUM RET LANDRUM SC | | | DIST | | 44.0 | | |
| | LANDRUM RET LANDRUM SC | | | DIST | | 44.0 | | |
| 7 | | | | DIST | | 44.0 | | |
| 8 | | | | DIST | | 100.0 | | |
| 9 | | | | DIST | | 100.0 | | |
| 10 | | | | DIST | | 100.0 | | |
| 11 | | | | DIST | | 100.0 | | |
| 12 | | _ | | DIST | | 100.0 | | |
| | LAURENS CITY CAROLINE STA LAURENS SC | | | DIST | | 100.0 | | |
| | LAURENS CITY CAROLINE STA LAURENS SC | | | DIST | | 100.0 | | |
| - | LAURENS E C DEL 10 LAURENS LAURENS S | | | DIST | | 44.0 | | |
| 16 | | | | DIST | | 44.0 | | 2.40 |
| | LAURENS E C DEL 10 LAURENS LAURENS S | | | DIST | | 44.0 | | 2.40 |
| | LAURENS E C DEL 25 MAULDIN MAULDIN SC | | | DIST | | 100.0 | | 4.10 |
| | LAURENS E C DEL 25 MAULDIN MAULDIN SC | <u> </u> | | DIST | | 100.0 | | |
| — | LAURENS E C DEL 26 WALNUT GROVE SC | | | DIST | | 100.0 | | |
| | LAURENS TIE LAURENS SC | | | TRANS | | 100.0 | + | |
| | LAURENS TIE LAURENS SC | | | TRANS | | 100.0 | | |
| | LAURENS TIE LAURENS SC | | | TRANS | | 100.0 | | |
| | LAURENS TIE LAURENS SC | | | TRANS | | 100.0 | | |
| | LAURENS TIE LAURENS SC | | | TRANS | | 100.0 | | |
| | LAURENS TIE LAURENS SC | | | TRANS | | 100.0 | | |
| | LAURENS TIE LAURENS SC | | | TRANS | | 100.0 | | |
| | LAURENS TIE LAURENS SC | | | TRANS | | 44.0 | + | |
| | LAURENS TIE LAURENS SC | | | TRANS | | 44.0 | | |
| | LAURENS TIE LAURENS SC | | | TRANS | | 44.0 | | |
| | LAURENS TIE LAURENS SC | | | TRANS | | 44.0 | | |
| | LAWNDALE RET LAWNDALE NC | | | DIST | | 44.0 | | |
| | LAWSONS FORK TIE SPARTANBURG SC | | | TRANS | | 100.0 | | |
| | LAWSONS FORK TIE SPARTANBURG SC | | | TRANS | | 100.0 | | |
| | LEAFCREST RET CHARLOTTE NC | | | DIST | | 100.0 | <u> </u> | |
| | LEE STEAM STA COMP TURB PELZER SC | | | TRANS | | 100.0 | + | |
| | LEE STEAM STA COMB TURB PELZER SC | | | TRANS | | 100.0 | | |
| | LELIA RET WELLFORD SC | | | DIST | | 100.0 | | |
| | LESLIE RET LESLIE SC | | | DIST | | 100.0 | | |
| +0 | LEGELETIC LEGELE GO | | | | | 44 .0 | 0.90 | 2.40 |
| | 1 | | | <u> </u> | | | 1 | |

| | e of Respondent | This (1) | Report | : ls: · Original | Date of Re (Mo, Da, Y | oort r) | Year/Period of End of 20 | Report 016/Q4 |
|---|--|---------------------------------------|--------------------------------------|--|---|---|--------------------------|------------------|
| Duke | e Energy Carolinas, LLC | (2) | | Resubmission | 04/13/2017 | , ' | Elia di | 710/Q4 |
| l | | | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character inded or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | railwa cept th ons m ch sub | ay customer should not nose serving customers nust be shown. ostation, designating wh | be listed below with energy factories the second mether transmi | ow. or resale, ma ssion or distri | bution and who | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | | | | DIST | | 44.00 | 6.90 | 2.4 |
| 2 | | | | DIST | | 44.00 | 6.90 | 2.4 |
| 3 | | | | DIST | | 44.00 | 6.90 | |
| 4 | LESLIE RET LESLIE SC | | | DIST | | 44.00 | 13.00 | |
| 5 | | | | DIST | | 100.00 | 13.00 | |
| 6 | | | | DIST | | 100.00 | 13.00 | |
| 7 | | | | DIST | | 100.00 | 44.00 | |
| | LEXINGTON CITY DEL 1 LEXINGTON NC | | | DIST | | 100.00 | 44.00 | |
| 9 | | | | DIST | | 24.00 | 0.20 | |
| | LEXINGTON MN LEXINGTON NC | | | DIST | | 100.00 | 24.00 | |
| | LEXINGTON MN LEXINGTON NC | | | DIST | | 100.00 | 24.00 | |
| | LEXINGTON MN LEXINGTON NC LEXINGTON MN LEXINGTON NC | | | DIST | | 100.00 100.00 | 13.00 13.00 | 6.9 |
| | LEXINGTON MN LEXINGTON NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| | LEXINGTON MN LEXINGTON NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| | LIBERTY RET NEW LIBERTY SC | | | DIST | | 100.00 | 13.00 | |
| 17 | | | | DIST | | 100.00 | 13.00 | |
| 18 | | VII I E | NC | TRANS | | 230.00 | 13.00 | |
| | LINCOLN COMBUSTION TURB YARD LOWES | | | TRANS | | 230.00 | 13.00 | |
| | LINCOLN COMBUSTION TURB YARD LOWES' | | | TRANS | | 230.00 | | |
| | LINCOLN COMBUSTION TURB YARD LOWES | | | TRANS | | 230.00 | - | |
| - | LINCOLN COMBUSTION TURB YARD LOWES' | | | TRANS | | 230.00 | 13.00 | |
| | LINCOLN COMBUSTION TURB YARD LOWES | | | TRANS | | 230.00 | 13.00 | |
| | LINCOLN COMBUSTION TURB YARD LOWES | | | TRANS | | 230.00 | 13.00 | |
| 25 | LINCOLN COMBUSTION TURB YARD LOWES | VILLE | NC | TRANS | | 230.00 | 13.00 | |
| 26 | LINCOLNTON CITY LINCOLNTON NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| 27 | LINCOLNTON CITY LINCOLNTON NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| 28 | LINCOLNTON CITY LINCOLNTON NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| 29 | LINCOLNTON CITY LINCOLNTON NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| 30 | LINCOLNTON TIE LINCOLNTON NC | | | TRANS | | 100.00 | 13.00 | |
| 31 | LINCOLNTON TIE LINCOLNTON NC | | | TRANS | | 100.00 | 13.00 | |
| 32 | LINCOLNTON TIE LINCOLNTON NC | | | TRANS | | 100.00 | 44.00 | |
| 33 | LINCOLNTON TIE LINCOLNTON NC | | | TRANS | | 100.00 | 44.00 | |
| 34 | LINDE LLC MIDLAND NC | | | TRANS | | 100.00 | 13.00 | |
| 35 | LINDEN ST SW STA HIGH POINT NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| 36 | LINDEN ST SW STA HIGH POINT NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| 37 | LINDEN ST SW STA HIGH POINT NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| 38 | LINDEN ST SW STA HIGH POINT NC | | | DIST | | 100.00 | 24.00 | 13.0 |
| | LINDEN ST SW STA HIGH POINT NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| 40 | LINDEN ST SW STA HIGH POINT NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| | | | | | | | | |

| | e of Respondent | This Report Is: (1) X An Original | Date of Report (Mo, Da, Yr) | Year/Period of | • |
|---|---|--|---|------------------|-----------------|
| Duke | e Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | End of 2 | 016/Q4 |
| | | SUBSTATIONS | + | | |
| 2. S 3. S to fu 4. Ir atter | deport below the information called for concert ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nectional character, but the number of such subdicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street railway customer should not Va except those serving customers ubstations must be shown. of each substation, designating wh | be listed below. with energy for resale, manual transmission or disti | ribution and wh | ether |
| Line | Name and Location of Substation | Character of Sub | atation | /OLTAGE (In M\ | /a) |
| No. | (a) | (b) | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | LINDEN ST SW STA HIGH POINT NC | DIST | 100.0 | + ` ´ | 6.90 |
| 2 | LINDEN ST SW STA HIGH POINT NC | DIST | 100.0 | 6.90 | |
| 3 | LINDEN ST SW STA HIGH POINT NC | DIST | 100.0 | 6.90 | |
| 4 | LINDEN ST SW STA HIGH POINT NC | DIST | 100.0 | 13.00 | 6.90 |
| 5 | LINDEN ST SW STA HIGH POINT NC | DIST | 100.0 | | 6.90 |
| | LINWOOD SS LEXINGTON NC | DIST | 100.0 | | 24.00 |
| 7 | | TRANS | 100.0 | | |
| 8 | | TRANS | 100.0 | | |
| 9 | | TRANS | 44.0 | | 2.40 |
| | LIONS MOUNTAIN TIE CALVERT NC | TRANS | 44.0 | | 2.40 |
| | LITTLE ROCK RET CHARLOTTE NC | DIST | 100.0 | | |
| | LITTLE ROCK RET CHARLOTTE NC | DIST | 100.0 | | |
| | LITTLE ROCK RET CHARLOTTE NC | DIST | 100.0 | | |
| | LOCKHART POWER CO DEL 1 PACOLET SC | | 100.0 | | 33.00 |
| | LOCKHART POWER CO DEL 1 PACOLET SC | | 100.0 | | 33.00 |
| | | | | | 33.00 |
| - | LOCKHART POWER CO DEL 1 PACOLET SC | | 33.0 | | |
| | LOCUST RET LOCUST NC | DIST | 100.0 | | |
| ļ | LONG FERRY RET SALISBURY NO | DIST | 100.0 | | |
| | LONG FERRY RET SALISBURY NO | DIST | 100.0 | | |
| | LONGVIEW RET LONG VIEW NC | DIST | 44.0 | + | |
| - | LONGVIEW RET LONG VIEW NC | DIST | 44.0 | | |
| | LONGVIEW TIE LONG VIEW NC | TRANS | 230.0 | | 44.00 |
| | LONGVIEW TIE LONG VIEW NC | TRANS | 230.0 | | 44.00 |
| | LONGVIEW TIE LONG VIEW NC | TRANS | 230.0 | | 44.00 |
| | LONGVIEW TIE LONG VIEW NC | TRANS | 230.0 | | 44.00 |
| | LONGVIEW TIE LONG VIEW NC | TRANS | 44.0 | | |
| | LONGVIEW TIE LONG VIEW NC | TRANS | 44.0 | | |
| | LONGVIEW TIE LONG VIEW NC | TRANS | 44.0 | | 2.40 |
| 29 | LONGVIEW TIE LONG VIEW NC | TRANS | 44.0 | | 2.40 |
| | LONGVIEW TIE LONG VIEW NC | TRANS | 44.0 | | 2.40 |
| | LOOKOUT HYDRO STATESVILLE NC | TRANS | 100.0 | | |
| | LOOKOUT HYDRO STATESVILLE NC | TRANS | 100.0 | | |
| | LOOKOUT TIE STATESVILLE NC | TRANS | 100.0 | | |
| | LOOKOUT TIE STATESVILLE NC | TRANS | 100.0 | | |
| 35 | LOOKOUT TIE STATESVILLE NC | TRANS | 100.0 | 0 44.00 | |
| 36 | LOOKOUT TIE STATESVILLE NC | TRANS | 24.0 | | |
| 37 | LUMBER LANE RET MOUNT HOLLY NC | DIST | 100.0 | 13.00 | |
| 38 | LUNSFORD RD RET KING NC | DIST | 100.0 | 13.00 | |
| | MACEDONIA RET TAYLORSVILLE NC | DIST | 100.0 | | |
| 40 | MADISON RET MADISON NC | DIST | 100.0 | 13.00 | |
| | | | | | |

| | e of Respondent | (1) X An Original | (Mo, Da, Yr) | Year/Period o | • | | |
|--|---|--|--|------------------|-----------------|--|--|
| Duke | e Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | End of 2 | 016/Q4 | | |
| | | SUBSTATIONS | | | | | |
| 2. S 3. S to fur 4. In atten | report below the information called for concert ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such subdicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street railway customer should va except those serving custor abstations must be shown. of each substation, designating | I not be listed below. mers with energy for resale g whether transmission or o | , may be grouped | nether | | |
| Line | | N | | VOLTAGE (In MVa) | | | |
| No. | Name and Location of Substation (a) | Character of (b | Primar | y Secondary (d) | Tertiary (e) | | |
| 1 | MADISON RET MADISON NC | DIST | , , , | 0.00 13.00 | (0) | | |
| | MADISON TIE MADISON NC | TRANS | _ | 0.00 44.00 | | | |
| | MADISON TIE MADISON NC | TRANS | | 0.00 44.00 | | | |
| | MADISON TIE MADISON NC | TRANS | | 0.00 44.00 | | | |
| | MAIDEN CITY DEL 2 MAIDEN NC | DIST | | 4.00 13.00 | | | |
| | MAIDEN CITY DEL 2 MAIDEN NC | DIST | | 4.00 13.00 | | | |
| | MAJOLICA RD RET SALISBURY NC | DIST | | 0.00 13.00 | | | |
| | MALLARD CREEK RET CHARLOTTE NC | DIST | | 0.00 13.00 | | | |
| | MALLARD CREEK RET CHARLOTTE NC | DIST | | 0.00 13.00 | | | |
| | MANCHESTER RET KANNAPOLIS NC | DIST | | 0.00 13.00 | | | |
| | MARBLE TIE MARBLE NC | TRANS | | 1.00 34.50 | | | |
| | MARBLE TIE MARBLE NC | TRANS | | 1.00 34.50 | | | |
| | MARBLE TIE MARBLE NC | TRANS | | 4.50 13.00 | | | |
| | MARBLE TIE MARBLE NC | TRANS | | 3.00 0.40 | | | |
| | MARBLE TIE MARBLE NC | TRANS | | 3.00 0.40 | | | |
| | MARBLE TIE MARBLE NC | TRANS | | 3.00 0.40 | | | |
| | MAR-DON DR RET WINSTON-SALEM NC | DIST | | 0.00 13.00 | | | |
| | MAR-DON DR RET WINSTON-SALEM NC | DIST | 10 | 0.00 24.00 | | | |
| | MARIETTA TIE MARIETTA SC | TRANS | 10 | 0.00 44.00 | | | |
| | MARIETTA TIE MARIETTA SC | TRANS | 10 | 0.00 44.00 | | | |
| 21 | MARIETTA TIE MARIETTA SC | TRANS | | 4.00 0.20 | | | |
| 22 | MARION MN MARION NC | DIST | | 0.00 13.00 | 6.90 | | |
| | MARION MN MARION NC | DIST | | 0.00 13.00 | | | |
| | MARION MN MARION NC | DIST | - | 0.00 13.00 | | | |
| | MARION MN MARION NC | DIST | | 0.00 13.00 | 6.90 | | |
| | MARION MN MARION NC | DIST | | 4.00 6.90 | 2.40 | | |
| 27 | MARION MN MARION NC | DIST | 4 | 4.00 6.90 | | | |
| 28 | MARION MN MARION NC | DIST | 4 | 4.00 6.90 | 2.40 | | |
| 29 | MARION MN MARION NC | DIST | 4 | 4.00 6.90 | 2.40 | | |
| 30 | MARKET POINT RET GREENVILLE SC | DIST | 10 | 0.00 13.00 | | | |
| 31 | MARSHALL RET TERRELL NC | DIST | 4 | 4.00 13.00 | | | |
| 32 | MARSHALL STEAM STA YARD TERRELL NC | TRANS | 23 | 0.00 24.00 | | | |
| 33 | MARSHALL STEAM STA YARD TERRELL NC | TRANS | 23 | 0.00 24.00 | | | |
| 34 | MARSHALL STEAM STA YARD TERRELL NC | TRANS | 23 | 0.00 24.00 | | | |
| 35 | MARSHALL STEAM STA YARD TERRELL NC | TRANS | 23 | 0.00 24.00 | | | |
| 36 | MARSHALL STEAM STA YARD TERRELL NC | TRANS | | 4.10 0.60 | | | |
| 37 | MARSHALL STEAM STA YARD TERRELL NC | TRANS | | 4.10 0.60 | | | |
| 38 | MARSHALL STEAM STA YARD TERRELL NC | TRANS | | | | | |
| 39 | MARSHALL STEAM STA YARD TERRELL NC | TRANS | | | | | |
| 40 | MASCOT RET INMAN SC | DIST | 4 | 4.00 13.00 | | | |
| | | | | | | | |
| | | | | | | | |

| | e of Respondent | This Report | t Is: n Original | Date of Report (Mo, Da, Yr) | | Year/Period of | | | | | | |
|--|--|-------------|---------------------|--------------------------------|-------|----------------|----------|--|--|--|--|--|
| Duke | e Energy Carolinas, LLC | | Resubmission | 04/13/2017 | | End of 20 |)16/Q4 | | | | | |
| | | · · · | SUBSTATIONS | | | | | | | | | |
| 2. S 3. S to fur 4. In atter | Report below the information called for concerning substations of the respondent as of the end of the year. Substations which serve only one industrial or street railway customer should not be listed below. Substations with capacities of Less than 10 MVa except those serving customers with energy for resale, may be grouped according functional character, but the number of such substations must be shown. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether ended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in lumn (f). | | | | | | | | | | | |
| ine | Name and Lagation of Culatation | | Character of Cub | atatio in | V | OLTAGE (In MV | 'a) | | | | | |
| No. | Name and Location of Substation | | Character of Sub | Prima | ry | Secondary | Tertiary | | | | | |
| 1 | (a) MASCOT RET INMAN SC | | DIST (b) | (c) | 14.00 | (d) 13.00 | (e) | | | | | |
| | MATTHEWS RET CHARLOTTE NC | | DIST | | 00.00 | 24.00 | | | | | | |
| | MATTHEWS RET CHARLOTTE NC | | DIST | | 00.00 | 24.00 | | | | | | |
| | | | | | | | | | | | | |
| | MATTHEWS RET CHARLOTTE NC | | DIST | | 00.00 | 24.00 | | | | | | |
| | MCADENVILLE JCT TIE MCADENVILLE NC | | TRANS | | 00.00 | 44.00 | | | | | | |
| | MCADENVILLE JCT TIE MCADENVILLE NC | | TRANS | | 00.00 | 44.00 | | | | | | |
| | MCADENVILLE JCT TIE MCADENVILLE NC | | TRANS | | 00.00 | 44.00 | | | | | | |
| | MCADENVILLE JCT TIE MCADENVILLE NC | | TRANS | | 14.00 | 13.00 | | | | | | |
| | MCADENVILLE JCT TIE MCADENVILLE NC | | TRANS | | 14.00 | 13.00 | | | | | | |
| 10 | MCADENVILLE JCT TIE MCADENVILLE NC | | TRANS | 2 | 24.00 | 0.20 | | | | | | |
| 11 | MCALPINE CREEK RET CHARLOTTE NC | | DIST | 10 | 00.00 | 24.00 | | | | | | |
| 12 | MCALPINE CREEK RET CHARLOTTE NC | | DIST | 10 | 00.00 | 24.00 | | | | | | |
| 13 | MCALPINE CREEK RET CHARLOTTE NC | | DIST | 10 | 00.00 | 24.00 | | | | | | |
| 14 | MCDOWELL TIE MARION NC | | TRANS | 23 | 30.00 | 100.00 | 44.00 | | | | | |
| 15 | MCDOWELL TIE MARION NC | | TRANS | 10 | 00.00 | 44.00 | | | | | | |
| 16 | MCDOWELL TIE MARION NC | | TRANS | 4 | 14.00 | 24.00 | | | | | | |
| 17 | MCDOWELL TIE MARION NC | | TRANS | 4 | 14.00 | 24.00 | | | | | | |
| 18 | MCDOWELL TIE MARION NC | | TRANS | 4 | 14.00 | 24.00 | | | | | | |
| 19 | MCDOWELL TIE MARION NC | | TRANS | 4 | 14.00 | 2.40 | 0.60 | | | | | |
| 20 | MCDOWELL TIE MARION NC | | TRANS | 4 | 14.00 | 2.40 | 0.60 | | | | | |
| 21 | MCDOWELL TIE MARION NC | | TRANS | 4 | 14.00 | 2.40 | 0.60 | | | | | |
| 22 | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1 | NC . | TRANS | 23 | 30.00 | 24.00 | | | | | | |
| 23 | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1 | NC | TRANS | | 24.00 | 6.90 | 6.90 | | | | | |
| 24 | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1 | NC | TRANS | 2 | 24.00 | 6.90 | 6.90 | | | | | |
| 25 | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1 | NC | TRANS | | 6.90 | 4.10 | | | | | | |
| 26 | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1 | NC | TRANS | | 6.90 | 4.10 | | | | | | |
| 27 | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1 | NC . | TRANS | 2 | 24.00 | 13.00 | | | | | | |
| 28 | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1 | NC | TRANS | 23 | 30.00 | 24.00 | | | | | | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I | | TRANS | | 4.10 | 0.60 | | | | | | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I | | TRANS | | 4.10 | 0.60 | | | | | | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I | | TRANS | | 4.10 | 0.60 | | | | | | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1 | | TRANS | | 4.10 | 0.60 | | | | | | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I | | TRANS | | 4.10 | 0.60 | | | | | | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I | | TRANS | | 4.10 | 0.60 | | | | | | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1 | | TRANS | | 6.90 | 0.60 | | | | | | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I | | TRANS | | 6.90 | 0.60 | | | | | | |
| | | | | | 6.90 | 0.60 | | | | | | |
| | 7 MCGUIRE NUC STA UNIT 1 HUNTERSVILLE NC 8 MCGUIRE NUC STA UNIT 1 HUNTERSVILLE NC | | TRANS | | 6.90 | 0.60 | | | | | | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I | | TRANS TRANS | | 6.90 | 0.60 | | | | | | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1 | | TRANS | | 6.90 | 0.60 | | | | | | |
| +0 | MICCOINE NOO STA GIVIT I HUNTERSVILLE I | •• | IIVANO | | 0.90 | 0.00 | | | | | | |
| | | | | | | | | | | | | |
| | | | ļ | | | | | | | | | |

| | e of Respondent | (1) | ≺eport is: X An Original | Date of Report (Mo, Da, Yr) | | Year/Period of | Report 016/Q4 |
|---|---|-------------------------------|---|---|---------------|----------------|------------------|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | | End of 20 | 10/Q4 |
| | | | SUBSTATIONS | • | • | | |
| 2. S 3. S to fu 4. Ir atter | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M\nctional character, but the number of such sundicate in column (b) the functional character ided or unattended. At the end of the page, so | street Va exc obstation | railway customer should no cept those serving customers ons must be shown. ch substation, designating wh | t be listed below. s with energy for resale | , ma <u>y</u> | bution and wh | ether |
| colu | mn (f). | | | | | | |
| | | | | | | | |
| | | | | | | | |
| ine | Name and Location of Substation | | Character of Sub | estation | V | OLTAGE (In M\ | /a) |
| No. | , . | | | Prima | ry | Secondary | Tertiary |
| 1 | (a) MCGUIRE NUC STA UNIT 1 HUNTERSVILLE N | NC . | (b) | (c) | 6.90 | (d) 0.60 | (e) |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE N | | TRANS | | 6.90 | 0.60 | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE N | | TRANS | | 6.90 | 0.60 | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE N | | TRANS | | 6.90 | 0.60 | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE N | | TRANS | | 6.90 | 0.60 | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE N | | TRANS | | 6.90 | 0.60 | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE | | TRANS | | 6.90 | 0.60 | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE N | | TRANS | | 6.90 | 0.60 | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE N | | TRANS | | 6.90 | 4.10 | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE N | | TRANS | | 6.90 | 4.10 | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE N | | TRANS | | 6.90 | 0.60 | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE N | | TRANS | | 6.90 | 0.60 | |
| | MCGUIRE NUC STA UNIT 1 HUNTERSVILLE N | | TRANS | | 6.90 | 0.60 | |
| 14 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | NC . | TRANS | 50 | 00.00 | 24.00 | |
| 15 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | NC NC | TRANS | 2 | 24.00 | 6.90 | 6.90 |
| 16 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | NC . | TRANS | 2 | 24.00 | 6.90 | 6.90 |
| 17 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1 | NC | TRANS | | 6.90 | 4.10 | |
| 18 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | NC . | TRANS | | 6.90 | 4.10 | |
| 19 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | NC | TRANS | 2 | 24.00 | 13.00 | |
| 20 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | NC | TRANS | 50 | 00.00 | 24.00 | |
| 21 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | VC | TRANS | | 4.10 | 0.60 | |
| 22 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | VC | TRANS | | 4.10 | 0.60 | |
| 23 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | VC | TRANS | | 4.10 | 0.60 | |
| 24 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | VC | TRANS | | 4.10 | 0.60 | |
| 25 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | VC | TRANS | | 4.10 | 0.60 | |
| 26 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1 | VC | TRANS | | 4.10 | 0.60 | |
| 27 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1 | VC | TRANS | | 6.90 | 0.60 | |
| | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | | TRANS | | 6.90 | 0.60 | |
| | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1 | | TRANS | | 6.90 | | |
| 30 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | VC | TRANS | | 6.90 | | |
| 31 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | VC | TRANS | | 6.90 | | |
| | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | | TRANS | | 6.90 | | |
| | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | | TRANS | | 6.90 | | |
| | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | | TRANS | | 6.90 | | |
| | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | | TRANS | | 6.90 | | |
| | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | | TRANS | | 6.90 | | |
| | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | | TRANS | | 6.90 | | |
| | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | | TRANS | | 6.90 | | |
| | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE N | | TRANS | | 6.90 | 0.60 | |
| 40 | MCGUIRE NUC STA UNIT 2 HUNTERSVILLE | NO. | TRANS | | 6.90 | 0.60 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| | e of Respondent | This (1) | Report | ls: Original | Date of Report (Mo, Da, Yr) | | Year/Period of | Report 016/Q4 |
|---|--|---------------------------------------|---|---|---|--------------------|----------------|------------------|
| Duke | e Energy Carolinas, LLC | (2) | | Resubmission | 04/13/2017 | | End of 20 | 10/Q4 |
| <u> </u> | | | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | deport below the information called for concert ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such subdicate in column (b) the functional character added or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | railwa cept the ons mu ch subs | y customer should no ose serving customers ust be shown. station, designating wh | t be listed below. s with energy for resanether transmission o | le, ma r distri | bution and whe | ether |
| Line | | | | | | V | OLTAGE (In MV | 'a) |
| No. | Name and Location of Substation | | | Character of Sub | estation Prim | ary | Secondary | Tertiary |
| | (a) | | | (b) | (c | | (d) | (e) |
| | MCGUIRE RET HUNTERSVILLE NC | | | DIST | | 44.00 | | 2.4 |
| | MCGUIRE RET HUNTERSVILLE NC | | | DIST | | 44.00 | | 2.4 |
| 3 | MCGUIRE RET HUNTERSVILLE NC | | | DIST | | 44.00 | | 2.4 |
| 4 | MCGUIRE RET HUNTERSVILLE NC | | | DIST | | 44.00 | | 2.4 |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | 500.00 | | 24.0 |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | 500.00 | | 24.0 |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | 500.00 | | 24.0 |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | : | 500.00 | | 24.0 |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | 6.90 | | |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | 24.00 | | |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | 500.00 | | |
| ļ | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | 500.00 | | |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | 500.00 | | |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | 500.00 | | |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | 500.00 | | |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | : | 500.00 | | |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | | | |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | | | |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | 4.40 | | |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | | | TRANS | | 4.10 | | |
| | MCGUIRE SWITCHING STA HUNTERSVILLE | NC | | TRANS | | 500.00 | | |
| | MEADOW CREEN RET EDEN NO | | | DIST | | 100.00 | | |
| | MEADOW GREEN RET EDEN NC | | | DIST | | 100.00 | | |
| | MEBANE RET MEBANE NC | | | DIST | | 44.00 | | |
| | MEBANE RET MEBANE NC MEBANE RET MEBANE NC | | | DIST | | 44.00 | | |
| | MEBANE RET MEBANE NC | | | DIST | | 44.00 | | |
| | - | | | DIST | | | | |
| | MEBANE RET MEBANE NC MEBANE RET MEBANE NC | | | | | 44.00 | | 2.4 |
| | MEBANE RET MEBANE NC | | | DIST | | 44.00 | | 2.4 |
| | MEBANE RET MEBANE NC | | | DIST | | 44.00 | | 2.4 |
| | MEBANE RET MEBANE NC | | | DIST | | 44.00 | | |
| | MEBANE TIE MEBANE NC | | | TRANS | | 100.00 | | |
| | MEBANE TIE MEBANE NC | | | TRANS | | 100.00 | | |
| | MEBANE TIE MEBANE NC | | | | | | | |
| | MEBANE TIE MEBANE NC | | | TRANS TRANS | | 100.00 100.00 | | |
| | MEBANE TIE MEBANE NC | | | TRANS | | 24.00 | | |
| - | MERRITT DR RET GREENSBORO NC | | | DIST | | 100.00 | | |
| | MERRITT DR RET GREENSBORO NC | | | DIST | | 100.00 | | |
| | MIDWAY SS UNION SC | | | TRANS | | 100.00 | | |
| 10 | | | | | | . 55.00 | 35.00 | |
| | | | | | | | | |

| | e of Respondent | | Report | ls: Original | Date of Rep (Mo, Da, Yr | ort) | Year/Period of | • |
|---|---|---------------------------------------|--------------------------------------|--|---|--|----------------|----------|
| Duke | e Energy Carolinas, LLC | (2) | | Resubmission | 04/13/2017 | , | End of 20 | 016/Q4 |
| | | • | | SUBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | report below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such subdicate in column (b) the functional character add or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | railwa cept th ons m ch sub | ay customer should not nose serving customers ust be shown. station, designating wh | be listed below with energy for mether transmis | w. or resale, mag ssion or distril | bution and who | ether |
| Line | | | | | | V | OLTAGE (In MV | 'a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | MIDWAY SS UNION SC | | | TRANS | | 100.00 | 33.00 | |
| 2 | MILLER HILL RET LENOIR NC | | | DIST | | 100.00 | 13.00 | |
| 3 | MILLER HILL RET LENOIR NC | | | DIST | | 100.00 | 13.00 | |
| 4 | MILLER HILL RET LENOIR NC | | | DIST | | 100.00 | 13.00 | |
| 5 | MILLER HILL TIE LENOIR NC | | | TRANS | | 100.00 | 44.00 | |
| 6 | MILLER HILL TIE LENOIR NC | | | TRANS | | 100.00 | 44.00 | |
| | MILLER HILL TIE LENOIR NC | | | TRANS | | 100.00 | 44.00 | |
| | MILLER HILL TIE LENOIR NC | | | TRANS | | 100.00 | 44.00 | |
| 9 | MILLERS CREEK RET NORTH WILKESBORO | NC | | DIST | | 100.00 | 13.00 | |
| | MILLERS CREEK RET NORTH WILKESBORO | NC | | DIST | | 100.00 | 13.00 | |
| 11 | MILLIS RET HIGH POINT NC | | | DIST | | 100.00 | 24.00 | |
| | MILLIS RET HIGH POINT NC | | | DIST | | 100.00 | 24.00 | |
| | MILLS RIVER RET HENDERSONVILLE NC | | | DIST | | 121.00 | 6.90 | 13.0 |
| | MILLS RIVER RET HENDERSONVILLE NC | | | DIST | | 121.00 | 6.90 | 13.0 |
| | MILLS RIVER RET HENDERSONVILLE NC | | | DIST | | 121.00 | 6.90 | 13.0 |
| | MILLS RIVER RET HENDERSONVILLE NC | | | DIST | | 121.00 | 6.90 | 13.0 |
| 17 | MINE SHAFT RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| | MINE SHAFT RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| | MINE SHAFT RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| | MINI RANCH RET WAXHAW NC | | | DIST | | 100.00 | 24.00 | |
| 21 | MITCHELL RIVER TIE ELKIN NC | | | TRANS | | 230.00 | 100.00 | 44.0 |
| | MITCHELL RIVER TIE ELKIN NC | | | TRANS | | 230.00 | 100.00 | 44.0 |
| | MITCHELL RIVER TIE ELKIN NC | | | TRANS | | 230.00 | 100.00 | 44.0 |
| | MITCHELL RIVER TIE ELKIN NC | | | TRANS | | 44.00 | | |
| | MITCHELL RIVER TIE ELKIN NC | | | TRANS | | 44.00 | | |
| | MITCHELL RIVER TIE ELKIN NC | | | TRANS | | 44.00 | 0.40 | |
| | MOCKSVILLE MN MOCKSVILLE NC | | | TRANS | | 100.00 | 6.90 | 2.4 |
| | MOCKSVILLE MN MOCKSVILLE NC | | | TRANS | | 100.00 | 6.90 | 2.4 |
| | MOCKSVILLE MN MOCKSVILLE NC | | | TRANS | | 100.00 | | 2.4 |
| | MOCKSVILLE MN MOCKSVILLE NC | | | TRANS | | 100.00 | | 2.4 |
| | MOCKSVILLE MN MOCKSVILLE NC | | | TRANS | | 100.00 | 44.00 | |
| | MOCKSVILLE MN MOCKSVILLE NC | | | TRANS | | 100.00 | | |
| | MOCKSVILLE MN MOCKSVILLE NC | | | TRANS | | 100.00 | | |
| | MOCKSVILLE MN MOCKSVILLE NC | | | TRANS | | 24.00 | | |
| | MOCKSVILLE MN MOCKSVILLE NC | | | TRANS | | 100.00 | 24.00 | |
| | MOCKSVILLE MN MOCKSVILLE NC | | | TRANS | | 100.00 | 24.00 | |
| - | MONROE MN MONROE NC | | | TRANS | | 44.00 | 6.90 | 2.4 |
| | MONROE MN MONROE NC | | | TRANS | | 44.00 | 6.90 | 2.4 |
| | MONROE MN MONROE NC | | | TRANS | | 44.00 | 6.90 | 2.4 |
| 40 | MONROE MN MONROE NC | | | TRANS | | 100.00 | 13.00 | 6.9 |
| | | | | | | | | |

| | e of Respondent | | | ort Is: An Original | Date of Re (Mo, Da, Yi | port r) | Year/Period of | Report 016/Q4 |
|---|---|---------------------------------------|-----------------------------|--|---|---|----------------|------------------|
| Duke | ke Energy Carolinas, LLC | | | A Resubmission | 04/13/2017 | , ' | End of 20 | 110/Q4 |
| | | • | | SUBSTATIONS | , | • | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character nded or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | rail cept ons ch s | way customer should no those serving customers must be shown. ubstation, designating wl | t be listed belo s with energy f nether transmi | ow. or resale, ma ssion or distri | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | estation | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| | MONROE MN MONROE NC | | | TRANS | | 100.00 | 13.00 | 6.90 |
| | MONROE MN MONROE NC | | | TRANS | | 100.00 | 13.00 | 6.9 |
| | | | | TRANS | | 100.00 | | 6.9 |
| 4 | MONROE MN MONROE NC | | | TRANS | | 100.00 | 44.00 | |
| | MONROE MN MONROE NC MONROE RD RET CHARLOTTE NC | | | TRANS | | 100.00 | 44.00 | |
| | MONROE RD RET CHARLOTTE NC | | | DIST | | 100.00 100.00 | 13.00 13.00 | |
| | MONROE RD RET CHARLOTTE NC | | | DIST | | 100.00 | 13.00 | |
| | MONROETON RET MONROETON NC | | | DIST | | 44.00 | 13.00 | |
| | MONTCLAIRE RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| | MONTCLAIRE RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| | MONTICELLO RET GREENSBORO NC | | | DIST | | 44.00 | 13.00 | |
| | MONTROYAL RD RET RURAL HALL NC | | | DIST | | 100.00 | 13.00 | |
| | MOONVILLE RET GREENVILLE SC | | | DIST | | 100.00 | | |
| | MOONVILLE RET GREENVILLE SC | | | DIST | | 100.00 | 13.00 | |
| | MOORE RET MOORE SC | | | DIST | | 44.00 | 13.00 | |
| | MOORESBORO RET MOORESBORO NC | | | DIST | | 44.00 | 13.00 | |
| | MOORESBORO RET MOORESBORO NC | | | DIST | | 44.00 | 13.00 | |
| | MOORESVILLE TIE MOORESVILLE NC | | | TRANS | | 100.00 | 44.00 | |
| | MOORESVILLE TIE MOORESVILLE NC | | | TRANS | | 100.00 | | |
| | MOORESVILLE TIE MOORESVILLE NC | | | TRANS | | 100.00 | | |
| | MOORESVILLE TIE MOORESVILLE NC | | | TRANS | | 100.00 | | |
| 23 | MOORESVILLE TIE MOORESVILLE NC | | | TRANS | | 24.00 | | |
| | MORGANTON CITY DEL 3 MORGANTON NC | | | DIST | | 44.00 | 13.00 | |
| | MORGANTON CITY DEL 3 MORGANTON NC | | | DIST | | 44.00 | | |
| 26 | MORGANTON CITY DEL 4 MATS MORGANTO | N NC | | DIST | | 100.00 | 13.00 | |
| 27 | MORGANTON TIE MORGANTON NC | | | TRANS | | 100.00 | 24.00 | 13.00 |
| 28 | MORGANTON TIE MORGANTON NC | | | TRANS | | 100.00 | 24.00 | 13.00 |
| 29 | MORGANTON TIE MORGANTON NC | | | TRANS | | 100.00 | 24.00 | 13.00 |
| 30 | MORGANTON TIE MORGANTON NC | | | TRANS | | 100.00 | 44.00 | |
| 31 | MORGANTON TIE MORGANTON NC | | | TRANS | | 100.00 | 44.00 | |
| 32 | MORGANTON TIE MORGANTON NC | | | TRANS | | 100.00 | 44.00 | |
| 33 | MORGANTON TIE MORGANTON NC | | | TRANS | | | | |
| 34 | MORGANTON TIE MORGANTON NC | | | TRANS | | | | |
| 35 | MORNING STAR TIE MATTHEWS NC | | | TRANS | | 230.00 | 100.00 | 44.0 |
| 36 | MORNING STAR TIE MATTHEWS NC | | | TRANS | | 230.00 | 100.00 | 44.00 |
| 37 | MORNING STAR TIE MATTHEWS NC | | | TRANS | | 230.00 | 100.00 | 44.00 |
| 38 | MORNING STAR TIE MATTHEWS NC | | | TRANS | | 100.00 | 24.00 | |
| 39 | MORNING STAR TIE MATTHEWS NC | | | TRANS | | 100.00 | 24.00 | |
| 40 | MORNING STAR TIE MATTHEWS NC | | | TRANS | | 44.00 | 0.40 | |
| | | | | | | | | |
| | | | | | | | | |

| | e of Respondent | This (1) | Report Is: | | Date of Re (Mo, Da, Y | port r) | Year/Period of | • |
|---|--|---------------------------------------|--|---|--|------------------------|----------------|----------|
| Duke | uke Energy Carolinas, LLC | | A Res | submission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | | | SUBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 MN inctional character, but the number of such substations of column (b) the functional character inded or unattended. At the end of the page, smn (f). | street Va exc obstati of eac | t railway cept thos ons mus ch substa | customer should not se serving customers t be shown. ation, designating wh | be listed below with energy the mether transmi | ow. for resale, man | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| | MOTLEY TIE EDEN NC | | | TRANS | | 100.00 | 44.00 | |
| | MOTLEY TIE EDEN NC | | | TRANS | | 100.00 | 44.00 | |
| 3 | MOTLEY TIE EDEN NC | | | TRANS | | 24.00 | 0.20 | |
| | MT AIRY RET MT AIRY NC | | | DIST | | 100.00 | 6.90 | 2.4 |
| | MT AIRY RET MT AIRY NC | | | DIST | | 100.00 | 6.90 | 2.4 |
| | MT AIRY RET MT AIRY NC | | | DIST | | 100.00 | 6.90 | 2.4 |
| | MT AIRY RET MT AIRY NC | | | DIST | | 100.00 | 6.90 | 2.4 |
| | MT AIRY RET MT AIRY NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| | MT AIRY RET MT AIRY NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| | MT AIRY RET MT AIRY NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| | MT AIRY RET MT AIRY NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| | MT HOPE CHURCH RD RET GREENSBORO N | | | DIST | | 100.00 | 6.90 | 2.4 |
| | MT HOPE CHURCH RD RET GREENSBORO N | | | DIST | | 100.00 | 6.90 | 2.4 |
| | MT HOPE CHURCH RD RET GREENSBORO N | | | DIST | | 100.00 | 6.90 | 2.4 |
| | MT HOPE CHURCH RD RET GREENSBORO N | /C | | DIST | | 100.00 | 6.90 | 2.4 |
| | MT OLIVE RET CONOVER NC | | | DIST | | 44.00 | 13.00 | |
| | MT OLIVE RET CONOVER NC | | | DIST | | 44.00 | 13.00 | |
| | MT PLEASANT RET MOUNT PLEASANT NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | MT PLEASANT RET MOUNT PLEASANT NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | MT PLEASANT RET MOUNT PLEASANT NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | MT PLEASANT RET MOUNT PLEASANT NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | MT PLEASANT RET MOUNT PLEASANT NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | MT PLEASANT RET MOUNT PLEASANT NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | MT PLEASANT RET MOUNT PLEASANT NC | | | DIST | | 44.00 | 13.00 | 4.1 |
| | MT TABOR RET WINSTON-SALEM NC | | | DIST | | 100.00 | | |
| | MT TABOR RET WINSTON-SALEM NC | | | DIST | | 100.00 | 13.00 | |
| | MTN VIEW RET HICKORY NC | | | DIST | | 100.00 | 13.00 | |
| | MTN VIEW RET HICKORY NC | | | DIST | | 100.00 | 13.00 | |
| | MUD CREEK RD RET BOILING SPRINGS SC | | | DIST | | 100.00 | 13.00 | |
| | MUD CREEK RD RET BOILING SPRINGS SC | | | DIST | | 100.00 | 13.00 | |
| | MULBERRY CREEK RET WARE SHOALS SC | | | DIST | | 100.00 | 6.90 | |
| | MULBERRY CREEK RET WARE SHOALS SC | | | DIST | | 100.00 | 6.90 | |
| | MULBERRY CREEK RET WARE SHOALS SC | | | DIST | | 100.00 | 6.90 | |
| | MULBERRY CREEK RET WARE SHOALS SC | | | DIST | | 100.00 | 6.90 | |
| | MULBERRY CREEK RET WARE SHOALS SC | | | DIST | | 100.00 | 6.90 | 2.4 |
| | MULBERRY CREEK RET WARE SHOALS SC | | | DIST | | 100.00 | 6.90 | 2.4 |
| - | MULBERRY CREEK RET WARE SHOALS SC | | | DIST | | 100.00 | 6.90 | 2.4 |
| | MULBERRY CREEK RET WARE SHOALS SC | | | DIST | | 100.00 | 6.90 | 2.4 |
| | MURDOCK RD RET TROUTMAN NO | | | DIST | | 44.00 | 13.00 | |
| 40 | MURDOCK RD RET TROUTMAN NC | | | DIST | | 44.00 | 13.00 | |
| | | | | | | | | |

| | e of Respondent | This (1) | | ort Is: An Original | Date of Rep (Mo, Da, Yr | oort | Year/Period of | • |
|---|--|---------------------------------------|-----------------------------|---|--|--|----------------|----------|
| Duke | ke Energy Carolinas, LLC | | | A Resubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | • | | SUBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | t rai cep ons ch s | lway customer should no t those serving customers must be shown. ubstation, designating wh | t be listed belo s with energy for nether transmis | w. or resale, ma ssion or distri | bution and who | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | N CHARLOTTE RET CHARLOTTE NC | | | DIST | | 100.00 | 6.90 | 2.4 |
| 2 | N CHARLOTTE RET CHARLOTTE NC | | | DIST | | 100.00 | 6.90 | 2.4 |
| 3 | N CHARLOTTE RET CHARLOTTE NC | | | DIST | | 100.00 | 6.90 | 2.4 |
| 4 | N CHARLOTTE RET CHARLOTTE NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| 5 | N CHARLOTTE RET CHARLOTTE NC | | | DIST | | 100.00 | 6.90 | 2.4 |
| 6 | N CHARLOTTE RET CHARLOTTE NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| 7 | N CHARLOTTE RET CHARLOTTE NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| 8 | N CHARLOTTE RET CHARLOTTE NC | | | DIST | | 100.00 | 6.90 | 2.4 |
| 9 | N CHARLOTTE RET CHARLOTTE NC | | | DIST | | 100.00 | 6.90 | 2.4 |
| 10 | N CHARLOTTE RET CHARLOTTE NC | | | DIST | | 100.00 | 6.90 | 2.4 |
| 11 | N CHARLOTTE RET CHARLOTTE NC | | | DIST | | 100.00 | 6.90 | 2.4 |
| 12 | N FRANKLIN RET FRANKLIN NC | | | DIST | | 66.00 | 13.00 | |
| 13 | N GORDONTON RET THOMASVILLE NC | | | DIST | | 100.00 | 13.00 | |
| 14 | N GREENSBORO TIE GREENSBORO NC | | | TRANS | | 230.00 | 100.00 | 13.0 |
| 15 | N GREENSBORO TIE GREENSBORO NC | | | TRANS | | 230.00 | 100.00 | 44.0 |
| 16 | N GREENSBORO TIE GREENSBORO NC | | | TRANS | | 230.00 | 100.00 | 13.0 |
| 17 | N GREENSBORO TIE GREENSBORO NC | | | TRANS | | 100.00 | 44.00 | |
| 18 | N GREENSBORO TIE GREENSBORO NC | | | TRANS | | 44.00 | | |
| 19 | N GREENSBORO TIE GREENSBORO NC | | | TRANS | | 230.00 | 100.00 | 44.0 |
| 20 | N GREENSBORO TIE GREENSBORO NC | | | TRANS | | 44.00 | 0.40 | |
| 21 | N GREENVILLE TIE GREENVILLE SC | | | TRANS | | 230.00 | 100.00 | 44.0 |
| 22 | N GREENVILLE TIE GREENVILLE SC | | | TRANS | | 230.00 | 100.00 | 44.0 |
| 23 | N GREENVILLE TIE GREENVILLE SC | | | TRANS | | 230.00 | 100.00 | 44.0 |
| 24 | N GREENVILLE TIE GREENVILLE SC | | | TRANS | | 230.00 | 100.00 | 44.0 |
| 25 | N GREENVILLE TIE GREENVILLE SC | | | TRANS | | 44.00 | | |
| 26 | N GREENVILLE TIE GREENVILLE SC | | | TRANS | | 44.00 | | |
| 27 | N GREENVILLE TIE GREENVILLE SC | | | TRANS | | 44.00 | 2.40 | 0.6 |
| 28 | N GREENVILLE TIE GREENVILLE SC | | | TRANS | | 44.00 | 2.40 | 0.6 |
| 29 | N GREENVILLE TIE GREENVILLE SC | | | TRANS | | 44.00 | 2.40 | 0.6 |
| 30 | N GREENWOOD RET GREENWOOD SC | | | DIST | | 44.00 | 13.00 | |
| 31 | N GREENWOOD RET GREENWOOD SC | | | DIST | | 44.00 | 13.00 | |
| 32 | N HICKORY RET HICKORY NC | | | DIST | | 100.00 | 13.00 | |
| 33 | N HICKORY RET HICKORY NC | | | DIST | | 100.00 | 13.00 | |
| 34 | N STANLEY RET STANLEY NC | | | DIST | | 100.00 | 13.00 | 4.1 |
| 35 | N STANLEY RET STANLEY NC | | | DIST | | 100.00 | 13.00 | |
| 36 | N WINSTON RET WINSTON-SALEM NC | | | DIST | | 100.00 | 13.00 | |
| 37 | N WINSTON RET WINSTON-SALEM NC | | | DIST | | 100.00 | 13.00 | |
| 38 | N WINSTON RET WINSTON-SALEM NC | | | DIST | | 100.00 | 13.00 | |
| 39 | NANTAHALA HYDRO TOPTON NC | | | TRANS | | 161.00 | 13.00 | |
| 40 | NANTAHALA HYDRO TOPTON NC | | | TRANS | | 161.00 | 13.00 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| Name | e of Respondent | This Report is: (1) | (Mo, Da, Yr) | Year/Period of | |
|--|--|--|--|------------------|-----------------|
| Duke | e Energy Carolinas, LLC | (2) A Resubmission | 04/13/2017 | End of 2 | 016/Q4 |
| | | SUBSTATIONS | | | |
| 2. S 3. S to fui 4. In atten | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M'nctional character, but the number of such sudicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street railway customer should not Va except those serving customers ubstations must be shown. of each substation, designating wh | t be listed below. Is with energy for resale, manual transmission or district transmission or district. | ibution and wh | ether |
| Line | Name and Location of Substation | Character of Sub | | /OLTAGE (In M\ | /a) |
| No. | (a) | (b) | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | NANTAHALA HYDRO TOPTON NC | TRANS | 161.00 | 34.50 | , , |
| 2 | NANTAHALA HYDRO TOPTON NC | TRANS | 13.00 | 0.40 | |
| 3 | NANTAHALA HYDRO TOPTON NC | TRANS | 13.00 | 0.40 | |
| 4 | NANTAHALA HYDRO TOPTON NC | TRANS | 34.50 | 13.00 | |
| 5 | NAPLES RET NAPLES NC | DIST | 44.00 | 13.00 | |
| 6 | NAPLES RET NAPLES NC | DIST | 44.00 | 13.00 | |
| 7 | #value | 994 | 5043.5° | 1 | |
| 8 | NEALS CREEK RET ANDERSON SC | DIST | 44.00 | 13.00 | |
| | NEALS CREEK RET ANDERSON SC | DIST | 44.00 | | |
| | NEBO RET MARION NC | DIST | 100.00 | | |
| | NELSON RET DURHAM NC | DIST | 100.00 | | |
| | NELSON RET DURHAM NC | DIST | 100.00 | | |
| | NEW CUT RD RET INMAN SC | DIST | 100.00 | - | |
| | NEW HOPE RET GASTONIA NC | DIST | 100.00 | | |
| | NEW HOPE RET GASTONIA NC | DIST | 100.00 | | |
| | NEWBERRY MN NEWBERRY SC | TRANS | 100.00 | | |
| | NEWBERRY MN NEWBERRY SC | TRANS | 100.00 | | |
| | NEWELL RET CHARLOTTE NC | DIST | 100.00 | | |
| | NEWELL RET CHARLOTTE NC | DIST | 100.00 | | |
| | NEWPORT RET NEWPORT SC | DIST | 44.00 | | |
| | NEWPORT RET NEWPORT SC | DIST | 44.00 | | |
| | NEWPORT TIE NEWPORT SC | TRANS | 230.00 | | 44.00 |
| | NEWPORT TIE NEWPORT SC | TRANS | 230.00 | + | 44.00 |
| | NEWPORT TIE NEWPORT SC | TRANS | 230.00 | + | 44.00 |
| | NEWPORT TIE NEWPORT SC | TRANS | 44.00 | | 44.00 |
| | NEWPORT TIE NEWPORT SC | TRANS | 500.00 | | 24.00 |
| | NEWPORT TIE NEWPORT SC | TRANS | 500.00 | | 24.00 |
| | NEWPORT TIE NEWPORT SC | TRANS | 500.00 | | 24.00 |
| | NEWPORT TIE NEWPORT SC | TRANS | 500.00 | | 24.00 |
| | NEWPORT TIE NEWPORT SC | TRANS | 44.00 | | 24.00 |
| | NEWPORT TIE NEWPORT SC | TRANS | 500.00 | | |
| | NEWPORT TIE NEWPORT SC | TRANS | 500.00 | | |
| | NEWPORT TIE NEWPORT SC | TRANS | 500.00 | | |
| | NEWTON CITY DEL 2 NEWTON NC | DIST | 100.00 | | 6.90 |
| | | | | | |
| | NEWTON CITY DEL 2 NEWTON NC | DIST | 100.00 | | 6.90 |
| | NEWTON CITY DEL 2 NEWTON NC | DIST | 100.00 | | 6.90 |
| | NEWTON TIE NEWTON NC | TRANS | 100.00 | | |
| | NEWTON TIE NEWTON NC | TRANS | 100.00 | | |
| | NEWTON TIE NEWTON NC | TRANS | 100.00 | | |
| 40 | NEWTON TIE NEWTON NC | TRANS | 100.00 | 24.00 | |
| | | | | | |

| | e of Respondent | This (1) | Rej IX | oort Is: An Original | Date of Re (Mo, Da, Y | port r) | Year/Period of | • |
|---|--|---------------------------------------|--------------------------|---|---|---|------------------|-----------------|
| Duke | uke Energy Carolinas, LLC | | Ê | A Resubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | | | SUBSTATIONS | ! | | | |
| 2. S 3. S to fu 4. Ir atter | teport below the information called for concert ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such subdicate in column (b) the functional character add or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | ra cep on: ch : | ilway customer should no of those serving customers of must be shown. substation, designating wh | t be listed below with energy nether transm | ow. for resale, ma ission or distri | bution and wh | ether |
| Line | Name and Location of Cubatation | | | Character of Sub | -4-4: | V | OLTAGE (In M\ | /a) |
| No. | Name and Location of Substation (a) | | | (b) | ostation | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | NEWTON TIE NEWTON NC | | | TRANS | | 100.00 | 24.00 | (0) |
| | NEWTON TIE NEWTON NC | | | TRANS | | 100.00 | 24.00 | |
| 3 | | | | TRANS | | 100.00 | 24.00 | |
| 4 | NEWTON TIE NEWTON NC | | | TRANS | | 24.00 | 0.20 | |
| | NINETY-NINE ISLANDS HYDRO BLACKSBURG | 3 80 | | TRANS | | 44.00 | 2.40 | |
| | NINETY-NINE ISLANDS HYDRO BLACKSBURG | | | TRANS | | 44.00 | 2.40 | |
| 7 | | | | TRANS | | 44.00 | 2.40 | |
| 8 | | | | TRANS | | 44.00 | 2.40 | |
| 9 | | | | TRANS | | 44.00 | 2.40 | |
| | NINETY-NINE ISLANDS HYDRO BLACKSBURG | | | TRANS | | 44.00 | 2.40 | |
| | NINETY-NINE ISLANDS HYDRO BLACKSBURG | | | TRANS | | 44.00 | 2.40 | |
| | NINETY-NINE ISLANDS HYDRO BLACKSBURG | | | TRANS | | 44.00 | 2.40 | |
| | NINETY-NINE ISLANDS HYDRO BLACKSBURG | | | TRANS | | 44.00 | 2.40 | |
| | NINETY-NINE ISLANDS HYDRO BLACKSBURG | | | TRANS | | 44.00 | 2.40 | |
| | NINETY-NINE ISLANDS HYDRO BLACKSBURG | | | TRANS | | 24.00 | 0.20 | |
| | NINETY-NINE ISLANDS HYDRO BLACKSBURG | | | TRANS | | 24.00 | 0.20 | |
| | NINETY-NINE ISLANDS HYDRO BLACKSBURG | | | TRANS | | 24.00 | 0.20 | |
| | NIX RD RET HENDERSONVILLE NC | | | DIST | | 100.00 | 13.00 | |
| | NORRIS RET CATECHEE SC | | | DIST | | 44.00 | 13.00 | |
| | NORRIS RET CATEECHEE SC | | | DIST | | 44.00 | | |
| | NORTH DENVER RET DENVER NC | | | DIST | | 100.00 | | |
| - | NORTH LAKES RET HICKORY NC | | | DIST | | 100.00 | | |
| | NORTH LINCOLN RET LINCOLNTON NC | | | DIST | | 44.00 | | |
| | NORTH ST RET ANDERSON SC | | | DIST | | 44.00 | | |
| | OAK RIDGE RET KERNERSVILLE NC | | | DIST | | 100.00 | | |
| | OAK RIDGE RET KERNERSVILLE NC | | | DIST | | 100.00 | | |
| | OAKBORO RET OAKBORO NC | | | DIST | | 100.00 | | 6.90 |
| | OAKBORO RET OAKBORO NC | | | DIST | | 100.00 | | 6.90 |
| | OAKBORO RET OAKBORO NC | | | DIST | | 100.00 | | 6.90 |
| | OAKBORO RET OAKBORO NC | | | DIST | | 100.00 | | 6.90 |
| | OAKBORO TIE OAKBORO NC | | | TRANS | | 230.00 | | 44.00 |
| | OAKBORO TIE OAKBORO NC | | | TRANS | | 230.00 | | 44.00 |
| | OAKBORO TIE OAKBORO NC | | | TRANS | | 230.00 | | 44.00 |
| | OAKBORO TIE OAKBORO NC | | | TRANS | | 44.00 | | |
| | OAKBORO TIE OAKBORO NC | | | TRANS | | 44.00 | 0.40 | |
| | OAKLAND RD RET SPINDALE NC | | | DIST | | 100.00 | | |
| | OAKLAND RD RET SPINDALE NC | | | DIST | | 100.00 | | |
| | OAKVALE TIE GREENVILLE SC | | | TRANS | | 100.00 | | |
| | OAKVALE TIE GREENVILLE SC | | | TRANS | | 100.00 | | |
| | OAKVALE TIE GREENVILLE SC | | | TRANS | | 100.00 | | |
| | | | | | | | | |
| | | | | | | | | |

| | e of Respondent | | Repor | t ls: n Original | Date of Re (Mo, Da, Y | port r) | Year/Period o | f Report 016/Q4 |
|---|--|--------------------------------------|--------------------------------------|--|---|--------------------------------------|---------------|--------------------|
| Duke | e Energy Carolinas, LLC | (2) | | Resubmission | 04/13/2017 | | End of 2 | 010/Q4 |
| l | | | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street /a exc bstati of eac | t railw cept t ons n ch sul | ay customer should not hose serving customers nust be shown. bstation, designating wh | be listed below with energy factories the second bether transmi | ow. or resale, m ssion or dist | ay be grouped | ether |
| Line | | | | | | | VOLTAGE (In M | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| <u> </u> | (a) | | | (b) | | (c) | (d) | (e) |
| | OAKVALE TIE GREENVILLE SC | | | TRANS | | 100.0 | | |
| - | OAKVALE TIE GREENVILLE SC | | | TRANS | | 100.0 | | |
| 3 | | | | TRANS | | 100.0 | | 2.1.00 |
| 4 | OAKVALE TIE GREENVILLE SC | | | TRANS | | 100.0 | | 24.00 |
| | OAKVALE TIE GREENVILLE SC | | | TRANS | | 100.0 | | |
| - | OAKVALE TIE GREENVILLE SC | | | TRANS | | 100.0 | | |
| 7 | OAKVALE TIE GREENVILLE SC | | | TRANS | | 100.0 | | |
| 8 | OAKWOOD OT BET MEDANE NO | | | DIST | | 100.0 | | |
| 9 | | | | DIST | | 100.0 | | |
| - | OCONEE 230KV SWITCHYARD NEWRY SC | | | TRANS | | 230.0 | | |
| 11 | | | | TRANS | | 24.0 | | |
| 12 | OCONEE 230KV SWITCHYARD NEWRY SC OCONEE 230KV SWITCHYARD NEWRY SC | | | TRANS TRANS | | 4.1 | | |
| | OCONEE 525KV SWITCHYARD NEWRY SC | | | TRANS | | 4.1 500.0 | | 24.00 |
| | OCONEE 525KV SWITCHYARD NEWRY SC | | | TRANS | | 500.0 | | 24.00 |
| 16 | | | | TRANS | | 500.0 | | 24.00 |
| | OCONEE 525KV SWITCHYARD NEWRY SC | | | TRANS | | 500.0 | _ | 24.00 |
| | OCONEE 525KV SWITCHYARD NEWRY SC | | | TRANS | | 500.0 | | 24.00 |
| | OCONEE 525KV SWITCHYARD NEWRY SC | | | TRANS | | 500.0 | | |
| | OCONEE 525KV SWITCHYARD NEWRY SC | | | TRANS | | 500.0 | | |
| | OCONEE 525KV SWITCHYARD NEWRY SC | | | TRANS | | 500.0 | + | |
| - | OCONEE 525KV SWITCHYARD NEWRY SC | | | TRANS | | 500.0 | | |
| | OCONEE 525KV SWITCHYARD NEWRY SC | | | TRANS | | 500.0 | | |
| | OCONEE 525KV SWITCHYARD NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE 525KV SWITCHYARD NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 230.0 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 24.0 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 230.0 | | 4.10 |
| | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 230.0 | | |
| | | | | | | | | |
| | • | | | · | | | • | |

| | e of Respondent | This (1) | Rep | ort Is: An Original | Date of Re (Mo, Da, Y | port r) | Year/Period of 2 | f Report 016/Q4 |
|---|--|---------------------------------------|-------------------------------|--|---|--|------------------|--------------------|
| Duke | e Energy Carolinas, LLC | (2) | | A Resubmission | 04/13/2017 | | End of | 010/Q4 |
| 4 5 | | | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sudicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street Va exc obstati of eac | t rail cept ons ch s | way customer should no those serving customer must be shown. ubstation, designating w | t be listed belo s with energy t nether transmi | ow. for resale, m ission or dist | ay be grouped | ether |
| Line | | | | | | , | VOLTAGE (In M\ | /a) |
| No. | Name and Location of Substation | | | Character of Sul | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| - | OCONEE NUCLEAR STA UNIT 1 NEWRY SC | | | TRANS | | 4.1 | | |
| 3 | OCONEE NUCLEAR STA UNIT 2 NEWRY SC | | | TRANS | | 230.0 | | |
| 4 | OCONEE NUCLEAR STA UNIT 2 NEWRY SC | | | TRANS | | 24.0 | | 4.10 |
| | OCONEE NUCLEAR STA UNIT 2 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 2 NEWRY SC | | | TRANS | | 4.1 | | |
| 7 | OCONEE NUCLEAR STA UNIT 2 NEWRY SC | | | TRANS | | 4.1 | | |
| 8 | OCONEE NUCLEAR STA UNIT 2 NEWRY SC | | | TRANS | | 4.1 | | |
| 9 | OCONEE NUCLEAR STA UNIT 2 NEWRY SC | | | TRANS | | 4.1 | | |
| 10 | | | | TRANS | | 4.1 | | |
| 11 | OCONEE NUCLEAR STA UNIT 2 NEWRY SC | | | TRANS | | 4.1 | | |
| 12 | OCONEE NUCLEAR STA UNIT 2 NEWRY SC OCONEE NUCLEAR STA UNIT 2 NEWRY SC | | | TRANS TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 2 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 2 NEWRY SC | | | TRANS | | 230.0 | | 4.10 |
| 16 | | | | TRANS | | 500.0 | | 4.10 |
| 17 | | | | TRANS | | 500.0 | | |
| | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 500.0 | | |
| | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 500.0 | | |
| | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 24.0 | | 4.10 |
| | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 4.1 | + | 7.10 |
| | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 4.1 | | |
| — | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 4.1 | + | |
| <u> </u> | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 4.1 | | |
| - | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 4.1 | | |
| | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 4.1 | + | |
| | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 230.0 | | 4.10 |
| - | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 13.0 | | |
| 32 | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 13.0 | 0 4.10 | |
| 33 | OCONEE NUCLEAR STA UNIT 3 NEWRY SC | | | TRANS | | 100.0 | 0 4.10 | 4.10 |
| 34 | OCONEE SITE 100KV NEWRY SC | | | TRANS | | 100.0 | 0 24.00 | |
| 35 | OCONEE SITE 100KV NEWRY SC | | | TRANS | | 100.0 | 0 24.00 | |
| 36 | OGBURN DIST STOKESDALE NC | | | DIST | | 44.0 | 0 24.00 | 6.90 |
| 37 | OGBURN DIST STOKESDALE NC | | | DIST | | 44.0 | 0 24.00 | 6.90 |
| 38 | OGBURN DIST STOKESDALE NC | | | DIST | | 44.0 | 0 24.00 | 6.90 |
| 39 | OGBURN DIST STOKESDALE NC | | | DIST | | 44.0 | 0 24.00 | 6.90 |
| 40 | OLD FORT RET OLD FORT NC | | | DIST | | 44.0 | 0 6.90 | 2.40 |
| | | | | | | | | |

| | Name of Respondent Duke Energy Carolinas, LLC | | Report I X An (| | Date of Re (Mo, Da, Y | port r) | Year/Period of | Report 016/Q4 |
|---|---|---------------------------------------|--|--|---|--|----------------|------------------|
| Duke | Energy Carolinas, LLC | (1) (2) | A R | esubmission | 04/13/2017 | | End of 20 | 110/Q4 |
| | | • | | SUBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sudicate in column (b) the functional character ided or unattended. At the end of the page, sonn (f). | street Va exc ubstati of eac | railway cept tho ons mu ch subs | y customer should not ose serving customers ist be shown. itation, designating wh | be listed below with energy factories the second mether transmi | ow. for resale, ma ssion or distri | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In MV | ′a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | OLD FORT RET OLD FORT NC | | | DIST | | 44.00 | | 2.4 |
| - | OLD FORT RET OLD FORT NC | | | DIST | | 44.00 | | 2.4 |
| 3 | OLD FORT RET OLD FORT NC | | | DIST | | 44.00 | | 2.4 |
| 4 | OLD FORT RET OLD FORT NC | | | DIST | | 44.00 | | |
| 5 | ONEAL RET GREER SC | | | DIST | | 100.00 | | |
| 6 | OSSIPEE DIST OSSIPEE NC | | | DIST | | 24.00 | | 2.4 |
| 7 | OSSIPEE DIST OSSIPEE NC | | | DIST | | 24.00 | | 2.4 |
| 8 | OSSIPEE DIST OSSIPEE NC | | | DIST | | 24.00 | | 2.4 |
| 9 | OSSIPEE DIST OSSIPEE NC | | | DIST | | 24.00 | | 2.4 |
| 10 | OSSIPEE DIST OSSIPEE NC | | | DIST | | 24.00 | | |
| 11 | OSSIPEE DIST OSSIPEE NC | | | DIST | | 24.00 | | |
| | OSSIPEE DIST OSSIPEE NC | | | DIST | | 24.00 | | |
| | OTTO RET OTTO NC | | | DIST | | 69.00 | | |
| | OXFORD HYDRO CONOVER NC | | | TRANS | | 100.00 | | |
| | OXFORD HYDRO CONOVER NC | | | TRANS | | 100.00 | | |
| | OXFORD RD RET DURHAM NC | | | DIST | | 100.00 | | |
| | OXFORD RD RET DURHAM NC | | | DIST | | 100.00 | | |
| 18 | OYAMA RET HICKORY NC | | | DIST | | 100.00 | | |
| | OYAMA RET HICKORY NC | | | DIST | | 100.00 | | |
| | PACOLET RET PACOLET SC | | | DIST | | 44.00 | | |
| | PACOLET RET PACOLET SC | | | DIST | | 44.00 | | |
| | PACOLET RET PACOLET SC | | | DIST | | 44.00 | | |
| | PACOLET RET PACOLET SC | | | DIST | | 44.00 | | 40.0 |
| | PACOLET TIE PACOLET SC | | | TRANS | | 230.00 | | 13.0 |
| | PACOLET TIE PACOLET SC | | | TRANS | | 230.00 | | 44.0 |
| | PACOLET TIE PACOLET SC | | | TRANS | | 230.00 | | 44.0 |
| | PARADISE RET FOREST CITY NC | | | DIST | | 44.00 | | |
| | PARK RD RET CHARLOTTE NO | | | DIST | | 100.00 | | |
| | PARK RD RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | PARK RD RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | PARKWAY SS GROVER NC PARKWAY SS GROVER NC | | | DIST | | 100.00 100.00 | | |
| | PARKWOOD RET DURHAM NC | | | DIST | | 100.00 | | |
| | PARKWOOD TIE DURHAM NC | | | TRANS | | 230.00 | | 44.0 |
| | PARKWOOD TIE DURHAM NC | | | TRANS | | 230.00 | | 44.0 |
| | PARKWOOD TIE DURHAM NC | | | TRANS | | 230.00 | | 44.0 |
| | | | | TRANS | | 500.00 | | 13.0 |
| | R PARKWOOD TIE DURHAM NC | | | TRANS | | 500.00 | | 13.0 |
| | 38 PARKWOOD TIE DURHAM NC 39 PARKWOOD TIE DURHAM NC | | | TRANS | | 500.00 | | 13.0 |
| | PARKWOOD TIE DURHAM NC | | | TRANS | | 500.00 | | 13.0 |
| | | | | | | 200.00 | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| | e of Respondent | This Report (1) X An | ls: Original | Date of Report (Mo, Da, Yr) | | Year/Period of End of 20 | Report 016/Q4 |
|---|---|--|---|---|--------------------------|--------------------------|------------------|
| Duke | e Energy Carolinas, LLC | | Resubmission | 04/13/2017 | | Elia di | 710/Q4 |
| 4 5 | | | SUBSTATIONS | | haaar | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concert substations which serve only one industrial or substations with capacities of Less than 10 M notional character, but the number of such sundicate in column (b) the functional character nded or unattended. At the end of the page, smn (f). | street railwa Va except the bstations mu of each subs | y customer should no ose serving customers ust be shown. station, designating wh | t be listed below. s with energy for remether transmission | esale, ma n or distri | bution and who | ether |
| Line | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | Character of Sub | | Primary | Secondary | Tertiary |
| | (a) | | (b) | ' | (C) | (d) | (e) |
| 1 | PARKWOOD TIE DURHAM NC | | TRANS | | 500.00 | 230.00 | 13.0 |
| 2 | PARKWOOD TIE DURHAM NC | | TRANS | | 500.00 | 230.00 | 13.0 |
| 3 | PARKWOOD TIE DURHAM NC | | TRANS | | 500.00 | 230.00 | 13.0 |
| 4 | PARKWOOD TIE DURHAM NC | | TRANS | | 44.00 | 0.40 | |
| 5 | PARKWOOD TIE DURHAM NC | | TRANS | | 13.00 | 0.40 | |
| 6 | PATTERSON SPRINGS RET SHELBY NC | | DIST | | 100.00 | 13.00 | |
| 7 | PATTERSON SPRINGS RET SHELBY NC | | DIST | | 100.00 | 13.00 | |
| 8 | PEACE HAVEN RD RET CLEMMONS NC | | DIST | | 100.00 | 13.00 | |
| 9 | PEACE HAVEN RD RET CLEMMONS NC | | DIST | | 100.00 | 13.00 | |
| 10 | PEACH VALLEY TIE SPARTANBURG SC | | TRANS | | 230.00 | 100.00 | 44.0 |
| 11 | PEACH VALLEY TIE SPARTANBURG SC | | TRANS | | 230.00 | 100.00 | 44.0 |
| 12 | PEACH VALLEY TIE SPARTANBURG SC | | TRANS | | 230.00 | 100.00 | 44.0 |
| 13 | PEACH VALLEY TIE SPARTANBURG SC | | TRANS | | 44.00 | | |
| 14 | | | TRANS | | 44.00 | | |
| 15 | | | TRANS | | 44.00 | 0.40 | |
| | | | TRANS | | 230.00 | 100.00 | 44.0 |
| | | | TRANS | | 230.00 | 100.00 | 44.0 |
| 18 | | | TRANS | | 100.00 | 13.00 | |
| | PEACOCK TIE GASTONIA NC | | TRANS | | 44.00 | .0.00 | |
| | PEACOCK TIE GASTONIA NC | | TRANS | | 44.00 | 0.40 | |
| | PEACOCK TIE GASTONIA NC | | TRANS | | 44.00 | - | |
| | PEARMAN SS ANDERSON SC | | DIST | | 100.00 | | |
| | PEARMAN SS ANDERSON SC | | DIST | | 100.00 | | |
| | PEBBLE CREEK RET GREENVILLE SC | | DIST | | 100.00 | | |
| | PEBBLE CREEK RET GREENVILLE SC | | DIST | | 100.00 | | |
| | PEELER RET GAFFNEY SC | | DIST | | 44.00 | | |
| | PEELER RET GAFFNEY SC | | DIST | | 44.00 | | |
| | PELHAM RET TAYLORS SC | | DIST | | 100.00 | | |
| | PELHAM RET TAYLORS SC | | DIST | | 100.00 | | |
| | PELZER RET PELZER SC | | DIST | | 44.00 | | |
| | PENDLETON RET PENDLETON SC | | DIST | | 44.00 | | |
| | PENDLETON RET PENDLETON SC | | DIST | | 44.00 | | |
| | PENDLETON RET PENDLETON SC | | DIST | | 44.00 | | |
| | PENDLETON RET PENDLETON SC | | DIST | | 44.00 | | 2.4 |
| | PENDLETON RET PENDLETON SC | | DIST | | 44.00 | | |
| | PERTH RD RET TROUTMAN NC | | DIST | | 44.00 | | |
| | PERTHRD RET TROUTMAN NC | | DIST | | 44.00 | | |
| | PETERS CREEK RET SPARTANBURG SC | | DIST | | 44.00 | | |
| | PFAFFTOWN RET WINSTON-SALEM NC | | DIST | | 100.00 | | |
| | PICKENS RET PICKENS SC | | DIST | | 44.00 | | 2.4 |
| -70 | | | | | -1-1.00 | 0.50 | ۷ |
| | | | | | | | |

| | e of Respondent | This Report I | s: Original | Date of Report (Mo, Da, Yr) | | Year/Period of | • |
|---|--|---|---|---|----------------|------------------|-----------------|
| Duke | e Energy Carolinas, LLC | | esubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such substations of the column (b) the functional character inded or unattended. At the end of the page, smn (f). | street railway Va except the ubstations mu of each subs | y customer should no ose serving customers ist be shown. itation, designating wh | t be listed below. with energy for rether transmission | esale, ma | bution and wh | ether |
| Line | Name and Location of Substation | | Character of Sub | etation | V | OLTAGE (In MV | /a) |
| No. | (a) | | (b) | | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | PICKENS RET PICKENS SC | | DIST | | 44.00 | 6.90 | 2.40 |
| 2 | PICKENS RET PICKENS SC | | DIST | | 44.00 | 6.90 | 2.40 |
| 3 | PICKENS RET PICKENS SC | | DIST | | 44.00 | 6.90 | 2.40 |
| 4 | | | DIST | | 44.00 | 6.90 | 2.40 |
| 5 | PICKENS RET PICKENS SC | | DIST | | 44.00 | 6.90 | 2.40 |
| | PICKENS RET PICKENS SC | | DIST | | 44.00 | 6.90 | 2.40 |
| 7 | | | TRANS | | 100.00 | 44.00 | |
| 8 | PICKENS TIE PICKENS SC | | TRANS | | 100.00 | 44.00 | |
| | PICKENS TIE PICKENS SC | | TRANS | | 100.00 | 44.00 | |
| | PIEDMONT RET PIEDMONT SC | | DIST | | 44.00 | 6.90 | 2.40 |
| | PIEDMONT RET PIEDMONT SC | | DIST | | 44.00 | 6.90 | 2.40 |
| | PIEDMONT RET PIEDMONT SC | | DIST | | 44.00 | 13.00 | 6.90 |
| 13 | PIEDMONT RET PIEDMONT SC | | DIST | | 44.00 | 6.90 | 2.40 |
| | PIEDMONT RET PIEDMONT SC | | DIST | | 44.00 | 6.90 | 2.40 |
| 15 | PIEDMONT RET PIEDMONT SC | | DIST | | 44.00 | 6.90 | 2.40 |
| 16 | PIEDMONT RET PIEDMONT SC | | DIST | | 44.00 | 6.90 | 2.40 |
| | PIEDMONT RET PIEDMONT SC | | DIST | | 13.00 | 2.40 | |
| 18 | PIERCETOWN SS ANDERSON SC | | DIST | | 100.00 | 13.00 | |
| 19 | PIERCETOWN SS ANDERSON SC | | DIST | | 100.00 | 13.00 | |
| 20 | PINCH GUT CREEK RET NEWTON NC | | DIST | | 100.00 | 13.00 | |
| | PINEVILLE CITY DEL 1 PINEVILLE NC | | DIST | | 44.00 | | |
| 22 | PINEVILLE CITY DEL 1 PINEVILLE NC | | DIST | | 44.00 | 13.00 | |
| | PINEVILLE CITY DEL 2 PINEVILLE NC | | DIST | | 100.00 | 13.00 | |
| 24 | PINEWOOD RET SPARTANBURG SC | | DIST | | 100.00 | 13.00 | |
| 25 | PINEWOOD RET SPARTANBURG SC | | DIST | | 100.00 | 13.00 | |
| 26 | PINK HARRILL TIE CAROLEEN NC | | TRANS | | 100.00 | 44.00 | |
| 27 | PINK HARRILL TIE CAROLEEN NC | | TRANS | | 100.00 | 44.00 | |
| 28 | PINNACLE TIE PINNACLE NC | | TRANS | | 100.00 | 44.00 | |
| 29 | PINNACLE TIE PINNACLE NC | | TRANS | | 100.00 | 44.00 | |
| 30 | PINNACLE TIE PINNACLE NC | | TRANS | | 100.00 | 44.00 | |
| 31 | PINNACLE TIE PINNACLE NC | | TRANS | | 100.00 | 44.00 | |
| 32 | PINNACLE TIE PINNACLE NC | | TRANS | | 100.00 | 44.00 | |
| 33 | PINNACLE TIE PINNACLE NC | | TRANS | | 100.00 | 44.00 | |
| 34 | PINNACLE TIE PINNACLE NC | | TRANS | | 100.00 | 44.00 | |
| 35 | PINNACLE TIE PINNACLE NC | | TRANS | | 24.00 | 0.20 | |
| 36 | PIONEER AVE RET CHARLOTTE NC | | DIST | | 100.00 | 24.00 | |
| | PIONEER AVE RET CHARLOTTE NC | | DIST | | 100.00 | 24.00 | |
| 38 | PIPER GLEN RET CHARLOTTE NC | | DIST | | 100.00 | 24.00 | |
| 39 | PIPER GLEN RET CHARLOTTE NC | | DIST | | 100.00 | 24.00 | |
| 40 | PIPER GLEN RET CHARLOTTE NC | | DIST | | 100.00 | 24.00 | |
| | | | | | | | |
| | | | | | | | |

| | ' l (1 | nis Report I) XAn (| | Date of Report (Mo, Da, Yr) | | Year/Period of | Report 016/Q4 | |
|---|---|--|--|---|-----------|----------------|------------------|--|
| Duke | e Energy Carolinas, LLC (2 |) | esubmission | 04/13/2017 | | End of2016/Q4 | | |
| l | | | SUBSTATIONS | | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concerning bubstations which serve only one industrial or structure substations with capacities of Less than 10 MVa notional character, but the number of such substandicate in column (b) the functional character of an index or unattended. At the end of the page, summn (f). | eet railway except tho tations mu each subs | y customer should no ose serving customers ist be shown. tation, designating wh | t be listed below. s with energy for re | esale, ma | bution and wh | ether | |
| Line | | | | | V | OLTAGE (In MV | /a) | |
| No. | Name and Location of Substation | | Character of Sub | | rimary | Secondary | Tertiary | |
| | (a) | | (b) | | (c) | (d) | (e) | |
| | PISGAH TIE PISGAH FOREST NC | | TRANS | | 230.00 | | 44.0 | |
| | PISGAH TIE PISGAH FOREST NC | | TRANS | | 230.00 | | 44.0 | |
| 3 | PISGAH TIE PISGAH FOREST NC | | TRANS | | 100.00 | | | |
| 4 | PISGAH TIE PISGAH FOREST NC | | TRANS | | 100.00 | | 13.0 | |
| | PISGAH TIE PISGAH FOREST NC | | TRANS | | 100.00 | 100.00 | 13.0 | |
| | PISGAH TIE PISGAH FOREST NC | | TRANS | | 44.00 | | | |
| 7 | | | TRANS | | 44.00 | | | |
| | PISGAH TIE PISGAH FOREST NC | | TRANS | | 44.00 | | | |
| | PITTS SCHOOL RET CONCORD NC | | DIST | | 100.00 | | | |
| | PLAINVIEW RET ANDERSON SC | | DIST | | 100.00 | | | |
| | PLAINVIEW RET ANDERSON SC | | DIST | | 100.00 | | | |
| | PLEASANT GARDEN RET PLEASANT GARDEN N | | DIST | | 44.00 | | | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 230.00 | | 44.0 | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 230.00 | | 44.0 | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 230.00 | | 44.0 | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 500.00 | | 24.0 | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 500.00 | | 24.0 | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 500.00 | | 24.0 | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 500.00 | | 24.0 | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 44.00 | | | |
| - | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 500.00 | | | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 500.00 | | | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 500.00 | | | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 500.00 | | | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | | TRANS | | 44.00 | | | |
| | PLEASANT GARDEN TIE PLEASANT GARDEN N | C | TRANS | | 24.00 | | | |
| | POPE RD RET DURHAM NC | | DIST | | 100.00 | | | |
| | POPE RD RET DURHAM NC | | DIST | | 100.00 | | | |
| | POPLAR TENT RET CONCORD NC | | DIST | | 100.00 | | | |
| | POPLAR TENT RET CONCORD NC | | DIST | | 100.00 | | | |
| | POWDERSVILLE RET POWDERSVILLE SC | | DIST | | 44.00 | | | |
| | POWDERSVILLE RET POWDERSVILLE SC | ODO NO | DIST | | 44.00 | | | |
| | PROCTER & GAMBLE GBORO PL T&D GREENSE | BORO NC | DIST | | 44.00 | | | |
| | PROPST RET HICKORY NC | | DIST | | 44.00 | | | |
| | PROPST RET HICKORY NC | | DIST | | 44.00 | | | |
| | PROVOL RET CHARLOTTE NC | | DIST | | 100.00 | | | |
| | PROVOL RET CHARLOTTE NC | | DIST | | 100.00 | | | |
| | PROVOL RET CHARLOTTE NC | | DIST | | 100.00 | | | |
| | PUTMAN RET FOUNTAIN INN SC | | DIST | | 100.00 | | | |
| 40 | PUTMAN RET FOUNTAIN INN SC | | DIST | | 100.00 | 13.00 | | |
| | | | | | | | | |

| Name | e of Respondent | | Report I | s: Original | Date of Repo (Mo, Da, Yr) | rt | Year/Period of | • |
|--|--|---------------------------------------|--|--|---|----------------|------------------|-----------------|
| Duke | e Energy Carolinas, LLC | (2) | | esubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | | | SUBSTATIONS | | • | | |
| 2. S 3. S to fur 4. In atten | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sudicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street Va exc obstati of eac | railwag cept the ons mu ch subs | y customer should not ose serving customers ust be shown. station, designating wh | be listed below with energy for ether transmiss | resale, ma | bution and wh | ether |
| Line | Name and Location of Substation | | | Character of Sub | station | V | OLTAGE (In M\ | /a) |
| No. | (a) | | | (b) | | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | PUTMAN RET FOUNTAIN INN SC | | | DIST | | 100.00 | 24.00 | . , |
| 2 | PUTMAN RET FOUNTAIN INN SC | | | DIST | | 100.00 | 24.00 | |
| 3 | RAGSDALE RET JAMESTOWN NC | | | DIST | | 100.00 | 24.00 | |
| 4 | RAGSDALE RET JAMESTOWN NC | | | DIST | | 100.00 | 24.00 | |
| 5 | RANDLEMAN RD RET RANDLEMAN NC | | | DIST | | 100.00 | 13.00 | 4.10 |
| 6 | RANDLEMAN RD RET RANDLEMAN NC | | | DIST | | 100.00 | 13.00 | |
| 7 | RANDOLPH AVE RET GREENSBORO NC | | | DIST | | 100.00 | 24.00 | |
| 8 | RANDOLPH AVE RET GREENSBORO NC | | | DIST | | 100.00 | 24.00 | |
| 9 | RANDOLPH AVE RET GREENSBORO NC | | | DIST | | 100.00 | 24.00 | |
| 10 | RANKIN AVE RET MOUNT HOLLY NC | | | DIST | | 100.00 | 13.00 | |
| 11 | RANKIN AVE RET MOUNT HOLLY NC | | | DIST | | 100.00 | 13.00 | |
| 12 | REAMES RD RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| 13 | REAMES RD RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| 14 | REAMES RD RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| 15 | RED RAIDER RET BELMONT NC | | | DIST | | 100.00 | 13.00 | |
| 16 | RED ROSE RET LANCASTER SC | | | DIST | | 100.00 | 13.00 | |
| 17 | RED ROSE RET LANCASTER SC | | | DIST | | 100.00 | 13.00 | |
| 18 | REEDY RIVER TIE FOUNTAIN INN SC | | | TRANS | | 100.00 | 24.00 | |
| 19 | REEDY RIVER TIE FOUNTAIN INN SC | | | TRANS | | 100.00 | 24.00 | |
| 20 | REEDY RIVER TIE FOUNTAIN INN SC | | | TRANS | | 100.00 | 24.00 | |
| 21 | REEDY RIVER TIE FOUNTAIN INN SC | | | TRANS | | 100.00 | 24.00 | |
| 22 | REEDY RIVER TIE FOUNTAIN INN SC | | | TRANS | | 100.00 | 44.00 | 24.00 |
| 23 | REEDY RIVER TIE FOUNTAIN INN SC | | | TRANS | | 100.00 | 44.00 | 24.00 |
| 24 | REEDY RIVER TIE FOUNTAIN INN SC | | | TRANS | | 100.00 | 44.00 | 24.00 |
| 25 | REIDSVILLE RET REIDSVILLE NC | | | DIST | | 100.00 | 13.00 | |
| 26 | REIDSVILLE RET REIDSVILLE NC | | | DIST | | 100.00 | 13.00 | |
| 27 | REIDSVILLE RET REIDSVILLE NC | | | DIST | | 100.00 | 13.00 | 4.10 |
| 28 | REIDSVILLE RET REIDSVILLE NC | | | DIST | | 100.00 | 13.00 | 4.10 |
| 29 | REMOUNT RD RET CHARLOTTE NC | | | DIST | | 100.00 | 13.00 | |
| 30 | REMOUNT RD RET CHARLOTTE NC | | | DIST | | 100.00 | 13.00 | |
| 31 | RESEARCH TRIANGLE RET DURHAM NC | | | DIST | | 100.00 | 24.00 | |
| | RESEARCH TRIANGLE RET DURHAM NC | | | DIST | | 100.00 | | |
| | RESEARCH TRIANGLE RET DURHAM NC | | | DIST | | 100.00 | | |
| 34 | RHODHISS HYDRO PL RHODHISS NC | | | TRANS | | 46.00 | 6.60 | |
| | RHODHISS HYDRO PL RHODHISS NC | | | TRANS | | 46.00 | | |
| | RHODHISS HYDRO PL RHODHISS NC | | | TRANS | | 46.00 | | |
| | RHODHISS TIE RHODHISS NC | | | TRANS | | 100.00 | | |
| | RHODHISS TIE RHODHISS NC | | | TRANS | | 100.00 | | |
| | RHODHISS TIE RHODHISS NC | | | TRANS | | 44.00 | | |
| 40 | RICH MOUNTAIN RET BREVARD NC | | | DIST | | 100.00 | 13.00 | |
| | | | | 1 | | | | |

| | of Respondent | | Report Is | | Date of Rep (Mo, Da, Yr | ort) | Year/Period of | • |
|------------------------------------|---|--------------------------------------|--|--|---|--|----------------|----------|
| Duke | Energy Carolinas, LLC | (2) | A Re | esubmission | 04/13/2017 | , | End of 20 | 016/Q4 |
| | | | | SUBSTATIONS | | • | | |
| 2. Su 3. Su to fun 4. Ind | eport below the information called for concerubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sudicate in column (b) the functional character ded or unattended. At the end of the page, sonn (f). | street Va excubstation of eacl | railway ept tho ons mus n subst | customer should not use serving customers st be shown. tation, designating wh | t be listed below with energy for nether transmis | w. or resale, ma ssion or distri | bution and who | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| | RICH MOUNTAIN RET BREVARD NC | | | DIST | | 100.00 | | |
| \vdash | RICHFIELD RET RICHFIELD NC | | | DIST | | 100.00 | | 6.9 |
| | RICHFIELD RET RICHFIELD NC | | | DIST | | 100.00 | | 6.9 |
| | RICHFIELD RET RICHFIELD NC | | | DIST | | 100.00 | | 6.9 |
| | RICHFIELD RET RICHFIELD NC | | | DIST | | 100.00 | 13.00 | 6.9 |
| | RIDGEVIEW RET EDEN NC | | | DIST | | 100.00 | | |
| | RIDGEVIEW RET EDEN NC | | | DIST | | 100.00 | | |
| - | RIVER HILLS RET CLOVER SC | | | DIST | | 100.00 | | |
| | RIVER HILLS RET CLOVER SC | | | DIST | | 100.00 | | |
| | RIVERBEND STEAM STA MOUNT HOLLY NC | | | TRANS | | 100.00 | | |
| | RIVERBEND STEAM STA MOUNT HOLLY NC | | | TRANS | | 100.00 | 44.00 | |
| | RIVERBEND STEAM STA MOUNT HOLLY NC | | | TRANS | | 100.00 | 44.00 | |
| | RIVERBEND STEAM STA MOUNT HOLLY NC | | | TRANS | | 44.00 | 13.00 | |
| | RIVERBEND STEAM STA MOUNT HOLLY NC | | | TRANS | | 100.00 | | |
| \sqcup | RIVERBEND STEAM STA MOUNT HOLLY NO | | | TRANS | | 100.00 | | |
| | RIVERBEND STEAM STA MOUNT HOLLY NO | | | TRANS | | 100.00 | | |
| | RIVERBEND STEAM STA MOUNT HOLLY NO | | | TRANS | | 100.00 | 13.00 | |
| | RIVERBEND STEAM STA MOUNT HOLLY NO | | | TRANS | | 100.00 | | |
| | RIVERBEND STEAM STA MOUNT HOLLY NC RIVERBEND STEAM STA MOUNT HOLLY NC | | | TRANS | | 230.00 | 24.00 | |
| \vdash | | | | TRANS | | 100.00 | - | 12.1 |
| | RIVERBEND STEAM STA MOUNT HOLLY NO | | | TRANS | | 100.00 | | 13.0 |
| | RIVERBEND STEAM STA MOUNT HOLLY NC RIVERSTONE RET FOREST CITY NC | | | TRANS | | 44.00 100.00 | | |
| | ROBBINSVILLE RET ROBBINSVILLE NC | | | DIST | | 161.00 | | |
| | ROBBINSVILLE RET ROBBINSVILLE NC | | | DIST | | 161.00 | | |
| | ROBBINSVILLE RET ROBBINSVILLE NC | | | DIST | | 161.00 | | |
| | ROBBINSVILLE RET ROBBINSVILLE NC | | | DIST | | 161.00 | | |
| | ROBBINSVILLE RET ROBBINSVILLE NC | | | DIST | | 13.00 | | |
| - | ROBBINSVILLE RET ROBBINSVILLE NC | | | DIST | | 13.00 | | |
| | ROBBINSVILLE RET ROBBINSVILLE NC | | | DIST | | 13.00 | | |
| | ROBBINSVILLE RET ROBBINSVILLE NC | | | DIST | | 13.00 | | |
| | ROBBINSVILLE RET ROBBINSVILLE NC | | | DIST | | 13.00 | | |
| | ROBERTA RD RET CONCORD NC | | | DIST | | 44.00 | | |
| | ROBERTA RD RET CONCORD NC | | | DIST | | 44.00 | | |
| | ROCHESTER TIE NEWRY SC | | | TRANS | | 100.00 | | |
| | ROCK HILL CITY DEL 4 ROCK HILL SC | | | DIST | | 100.00 | | 13. |
| - | ROCK HILL CITY DEL 4 ROCK HILL SC | | | DIST | | 100.00 | | 13. |
| | ROCK HILL MN ROCK HILL SC | | | DIST | | 100.00 | | 6.9 |
| | ROCK HILL MN ROCK HILL SC | | | DIST | | 100.00 | | 6.9 |
| | ROCK HILL MN ROCK HILL SC | | | DIST | | 100.00 | | 6.9 |
| | | | | | | | | |
| | | | | | | | | |

| | e of Respondent | This (1) | Report Is | | Date of Report (Mo, Da, Yr) | | Year/Period of | Report 016/Q4 |
|---|--|---------------------------------------|---|---|---|----------|----------------|------------------|
| Duke | e Energy Carolinas, LLC | (2) | A Re | esubmission | 04/13/2017 | | End of 20 | <u> </u> |
| | | • | | SUBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | report below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street Va exc lbstati of eac | railway cept tho ons mu ch subst | customer should not se serving customers st be shown. tation, designating wh | be listed below. with energy for reseather transmission | sale, ma | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station Pr | imary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| | ROCK HILL MN ROCK HILL SC | | | DIST | | 100.00 | | 6.9 |
| | ROCKETT RET CONOVER NC | | | DIST | | 100.00 | | |
| | ROCKETT RET CONOVER NC | | | DIST | | 100.00 | | |
| | ROCKWELL RET ROCKWELL NC | | | DIST | | 100.00 | | |
| | ROCKWELL RET ROCKWELL NC | | | DIST | | 100.00 | | |
| | ROCKY CREEK HYDRO GREAT FALLS SC | | | TRANS | | 44.00 | | |
| | ROCKY CREEK HYDRO GREAT FALLS SC | | | TRANS | | 44.00 | | |
| | ROCKY CREEK HYDRO GREAT FALLS SC | | | TRANS | | 44.00 | | |
| | ROCKY CREEK HYDRO GREAT FALLS SC | | | TRANS | | 44.00 | | |
| | ROCKY CREEK HYDRO GREAT FALLS SC | | | TRANS | | 2.40 | | |
| | ROCKY CREEK HYDRO GREAT FALLS SC | | | TRANS | | 2.40 | | |
| | ROPER MTN RET GREENVILLE SC | | | DIST | | 100.00 | | |
| | ROPER MTN RET GREENVILLE SC | | | DIST | | 100.00 | | |
| | ROSE HILL RET GAFFNEY SC | | | DIST | | 100.00 | | 6.9 |
| | ROSE HILL RET GAFFNEY SC | | | DIST | | 100.00 | | 6.9 |
| | ROSE HILL RET GAFFNEY SC | | | DIST | | 100.00 | | 6.9 |
| | ROSE HILL RET GAFFNEY SC | | | DIST | | 100.00 | | 6.9 |
| | ROSMAN SS ROSMAN NC | | | DIST | | 44.00 | | 2.4 |
| | ROSMAN SS ROSMAN NC | | | DIST | | 44.00 | | 2.4 |
| | ROSMAN SS ROSMAN NC | | | DIST | | 44.00 | | 6.9 |
| - | ROSMAN SS ROSMAN NC | | | DIST | | 44.00 | | 6.9 |
| | ROUGHEDGE TIE ROUGHEDGE NC | | | TRANS | | 44.00 | | |
| | ROUGHEDGE TIE ROUGHEDGE NC | | | TRANS | | 100.00 | | |
| | ROUGHEDGE TIE ROUGHEDGE NC | | | TRANS | | 100.00 | | |
| | ROUGHEDGE TIE ROUGHEDGE NC | | | TRANS | | 100.00 | | |
| | ROUGHEDGE TIE ROUGHEDGE NC | | | TRANS | | 100.00 | | |
| | ROUGHEDGE TIE ROUGHEDGE NC | | | TRANS | | 100.00 | | |
| | ROUGHEDGE TIE ROUGHEDGE NC | | | TRANS | | 100.00 | | |
| | ROUGHEDGE TIE ROUGHEDGE NC | | | TRANS | | 100.00 | | |
| | ROYAL RET CHARLOTTE NO | | | DIST | | 100.00 | | |
| | ROYAL RET CHARLOTTE NO | | | DIST | | 100.00 | | |
| | ROZZELLES RET CHARLOTTE NO | | | DIST | | 100.00 | | |
| | ROZZELLES RET CHARLOTTE NC | | | DIST | | 100.00 | | |
| | RUDD RET GREENSBORO NC | | | DIST | | 100.00 | | |
| | RUDD RET GREENSBORO NC | | | DIST | | 100.00 | | |
| | RUFFIN RET RUFFIN NC | | | DIST | | 44.00 | | |
| | RUFFIN RET RUFFIN NC | | | DIST | | 44.00 | | |
| | RUFFIN RET RUFFIN NC | | | DIST | | 44.00 | | |
| | RUFFIN RET RUFFIN NC RUFFIN RET RUFFIN NC | | | DIST | | 44.00 | | |
| 40 | NOTHIN NET NOFFIIN NO | | | | | 44.00 | 6.90 | |
| | | | | | | | | |

Page 426.54

| 1 | | | This Report Is: Date of Report Is: (Mo, Da, Yr) | | ·) End of | | of Report 2016/Q4 | |
|--|--|--|---|--|--|------------------------------------|----------------------|----------|
| Duke | e Energy Carolinas, LLC | (2) | A Re | esubmission | 04/13/2017 | , | E110 01 | 010/Q4 |
| | | | | SUBSTATIONS | | | | |
| 2. S 3. S to ful 4. In atter | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sudicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street ra Va exce obstation of each | ailway pt tho is mu subsi | y customer should not use serving customers st be shown. tation, designating wh | be listed belowith energy feether transmis | w. or resale, n ssion or dis | nay be grouped | nether |
| Line | | | | | | | VOLTAGE (In M | Va) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| | RURAL HALL RET RURAL HALL NC | | | DIST | | 44.0 | | |
| | RURAL HALL RET RURAL HALL NC | | | DIST | | 44.0 | | |
| 3 | RURAL HALL TIE RURAL HALL NC | | | TRANS | | 230.0 | | 44.00 |
| 4 | RURAL HALL TIE RURAL HALL NC | | | TRANS | | 230.0 | | 44.00 |
| | RURAL HALL TIE RURAL HALL NC | | | TRANS | | 230.0 | | 44.00 |
| | RURAL HALL TIE RURAL HALL NC | | | TRANS | | 44.0 | | |
| | RURAL HALL TIE RURAL HALL NC | | | TRANS | | 44.0 | | |
| | RUTHERFORD COLLEGE RET RUTHERFORD | | | DIST | | 44.0 | | 13.00 |
| | RUTHERFORD COLLEGE RET RUTHERFORD | COLLEC | jE ——— | DIST | | 44.0 | | |
| | RUTLEDGE TIE MT AIRY NC | | | TRANS | | 100.0 | | |
| | RUTLEDGE TIE MT AIRY NC | | | TRANS | | 100.0 | | |
| | S CULLOWHEE RET CULLOWHEE NC S CULLOWHEE RET CULLOWHEE NC | | | DIST | | 66.0 | | |
| | S FRANKLIN RET FRANKLIN NC | | | DIST | | 66.0 | | |
| | S FRANKLIN RET FRANKLIN NC | | | DIST | | 66.0 | | |
| | S GASTONIA RET GASTONIA NC | | | DIST | | 44.0 | | |
| | S GASTONIA RET GASTONIA NC | | | DIST | | 44.0 | | |
| | S HICKORY RET HICKORY NC | | | DIST | | 100.0 | | |
| | S HICKORY RET HICKORY NC | | | DIST | | 100.0 | | |
| | S SHELBY SS SHELBY NC | | | DIST | | 44.0 | | |
| | S SYLVA RET SYLVA NC | | | DIST | | 67.0 | | |
| | SADLER TIE REIDSVILLE NC | | | TRANS | | 230.0 | | 44.00 |
| | SADLER TIE REIDSVILLE NC | | | TRANS | | 230.0 | | |
| 24 | SADLER TIE REIDSVILLE NC | | | TRANS | | 44.0 | 00 | |
| 25 | SADLER TIE REIDSVILLE NC | | | TRANS | | 44.0 | 00 0.40 | |
| 26 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 00 13.00 | |
| 27 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 00 13.00 | |
| 28 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 00 44.00 | |
| 29 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 00 44.00 | |
| 30 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 00 44.00 | |
| 31 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 00 44.00 | 24.00 |
| 32 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 00 44.00 | 24.00 |
| 33 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 00 44.00 | 24.00 |
| 34 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 00 44.00 | 24.00 |
| 35 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 00 44.00 | 24.00 |
| 36 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 00 44.00 | 24.00 |
| 37 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 00 44.00 | 24.00 |
| <u> </u> | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | | |
| | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | | 2.40 |
| 40 | SALISBURY MN SALISBURY NC | | | TRANS | | 100.0 | 6.90 | 2.40 |
| | | | | | | | | |

| | e of Respondent | | Report Is: X An Original | Date of Report (Mo, Da, Yr) | Year/Period o | • |
|---|--|--------------------------------------|--|--|------------------------|-----------------|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of 2 | 2016/Q4 |
| | | | SUBSTATIONS | • | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street Va excubstation of eacl | railway customer should no ept those serving customer ons must be shown. In substation, designating w | t be listed below. s with energy for resale, hether transmission or di | may be grouped | nether |
| Line | | | | | VOLTAGE (In M | Va) |
| No. | Name and Location of Substation (a) | | Character of Sub | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | SALISBURY MN SALISBURY NC | | TRANS | 100 | ` ' | ` ' |
| 2 | SALISBURY MN SALISBURY NC | | TRANS | 24 | .00 0.20 | |
| 3 | SALUDA RET SALUDA NC | | DIST | 44 | .00 6.90 | 2.4 |
| 4 | SALUDA RET SALUDA NC | | DIST | | .00 6.90 | |
| | SALUDA RET SALUDA NC | | DIST | | .00 6.90 | |
| | SALUDA RET SALUDA NC | | DIST | | .00 6.90 | |
| 7 | | | DIST | | .00 6.90 | |
| | SALUDA RET SALUDA NC | | DIST | | .00 6.90 | |
| | SALUDA RET SALUDA NC | | DIST | | .00 6.90 | |
| | SANDS RD RET REIDSVILLE NC | | DIST | 100 | | |
| | SANDY SPRINGS RET PENDLETON SC | | DIST | | .00 13.00 | |
| | SANDY SPRINGS RET PENDLETON SC | | DIST | | .00 13.00 | |
| | SANDY SPRINGS RET PENDLETON SC | | DIST | | .00 13.00 | |
| | SANDY SPRINGS RET PENDLETON SC | | DIST | | .00 13.00 | |
| | SANDY SPRINGS RET PENDLETON SC | | DIST | | .00 6.90 | |
| | SANDY SPRINGS RET PENDLETON SC | | DIST | | .00 6.90 | |
| | SANDY SPRINGS RET PENDLETON SC | | DIST | | .00 6.90 | |
| | SANDY SPRINGS TIE SANDY SPRINGS SC | | TRANS | 100 | | |
| | SANDY SPRINGS TIE SANDY SPRINGS SC | | TRANS | | .00 44.00 | |
| | SANDY SPRINGS TIE SANDY SPRINGS SC | | TRANS | | .00 44.00 | |
| | SAPPHIRE RET CASHIERS NC | | DIST | | 5.00 13.00 | |
| - | | | | | | |
| | SAWMILLS RET SAWMILLS NC | | DIST | | .00 13.00 | |
| | SAWMILLS RET SAWMILLS NC SAXAPAHAW RET SAXAPAHAW NC | | DIST | | .00 13.00 | |
| | SAXAPAHAW RET SAXAPAHAW NC | | DIST | | .00 13.00 | |
| | SCUFFLETOWN RET SIMPSONVILLE SC | | DIST | | | |
| | SEDGE GARDEN RET KERNERSVILLE NC | | DIST | | .00 13.00 .00 13.00 | |
| | SEDGE GARDEN RET KERNERSVILLE NC | | DIST | | 13.00 | |
| | | | DIST | | 1.00 13.00 | |
| | SEDGE GARDEN RET KERNERSVILLE NC SENECA CITY DEL 1 SENECA SC | | DIST | | .00 24.00 | |
| | SENECA CITY DEL 1 SENECA SC | | DIST | 100 | | |
| | SENECA TIE SENECA SC | | TRANS | | .00 13.00 | |
| | SENECA TIE SENECA SC | | TRANS | 100 | | |
| | SEVENTH ST RET BURLINGTON NC | | DIST | | .00 44.00 | |
| | SEVENTH ST RET BURLINGTON NC | | DIST | | | |
| | SEVENTH ST RET BURLINGTON NC | | DIST | 100 | .00 24.00 | |
| | SEVENTH ST RET BURLINGTON NC | | DIST | | .00 6.90 | |
| | | | DIST | | | |
| | SEVENTH ST RET BURLINGTON NC | | | | .00 6.90 | |
| | SEVENTH ST RET BURLINGTON NC | | DIST | | .00 2.40 | |
| 40 | SEWARD RET WINSTON-SALEM NC | | ופוטן | | 24.00 | |
| | | | | | | |

| | e of Respondent | This (1) | Report Is: | ginal | Date of Rep (Mo, Da, Yi | port r) | Year/Period of | • |
|---|---|---------------------------------------|---|---|---|---|------------------|----------|
| Duk | e Energy Carolinas, LLC | (2) | A Resi | ubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | | | IBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character nded or unattended. At the end of the page, smn (f). | street Va exc obstati of eac | t railway c cept those ons must ch substat | ustomer should not serving customers be shown. ion, designating wh | be listed below with energy factories the second mether transmi | ow. or resale, ma ssion or distri | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation (a) | | | Character of Sub | station | Primary (c) | Secondary (d) | Tertiary |
| 1 | SEWARD RET WINSTON-SALEM NC | | D | IST | | 100.00 | ` ' | (e) |
| | SHACKTOWN RET YADKINVILLE NC | | | IST | | 100.00 | | |
| | SHADY GROVE TIE GREENVILLE SC | | | RANS | | 230.00 | | 44.0 |
| 4 | SHADY GROVE TIE GREENVILLE SC | | | RANS | | 230.00 | | 44.0 |
| | SHADY GROVE TIE GREENVILLE SC | | | RANS | | 44.00 | | |
| | SHADY GROVE TIE GREENVILLE SC | | | RANS | | 44.00 | | |
| 7 | | | | RANS | | 44.00 | | |
| | SHARON GROVE SS HICKORY GROVE SC | | | IST | | 44.00 | | 2.4 |
| | SHARON GROVE SS HICKORY GROVE SC | | | IST | | 44.00 | | 2.4 |
| | SHARON GROVE SS HICKORY GROVE SC | | | IST | | 44.00 | | 2.4 |
| | SHARON GROVE SS HICKORY GROVE SC | | | IST | | 44.00 | | 2.4 |
| | SHARON GROVE SS HICKORY GROVE SC | | | IST | | 44.00 | | 2.4 |
| ļ | SHARON GROVE SS HICKORY GROVE SC | | | IST | | 44.00 | | 2.4 |
| | SHARON GROVE SS HICKORY GROVE SC | | | IST | | 44.00 | | 2.4 |
| | SHARON RET CHARLOTTE NC | | | IST | | 100.00 | | 2.1 |
| | SHARON RET CHARLOTTE NC | | | IST | | 100.00 | | |
| | SHATTALON SW STA WINSTON-SALEM NC | | | RANS | | 100.00 | | |
| | SHATTALON SW STA WINSTON-SALEM NC | | | RANS | | 100.00 | | |
| | SHELBY CITY DEL 8 SHELBY NC | | | IST | | 44.00 | | |
| | SHELBY CITY DEL 8 SHELBY NC | | | IST | | 44.00 | | |
| | SHELBY MN SHELBY NC | | | IST | | 44.00 | | |
| | SHELBY MN SHELBY NC | | | IST | | 44.00 | | |
| | SHELBY MN SHELBY NC | | | IST | | 44.00 | | |
| | SHELBY MN SHELBY NC | | | IST | | 44.00 | | |
| | SHELBY TIE SHELBY NC | | | RANS | | 230.00 | | 44.0 |
| | SHELBY TIE SHELBY NC | | | RANS | | 230.00 | | 44.0 |
| | SHELBY TIE SHELBY NC | | | RANS | | 230.00 | | 44.0 |
| | SHELBY TIE SHELBY NC | | | RANS | | 44.00 | | |
| | SHELBY TIE SHELBY NC | | | RANS | | 44.00 | | |
| | SHELBY TIE SHELBY NC | | | RANS | | 44.00 | | 0.6 |
| | SHELBY TIE SHELBY NC | | | RANS | | 44.00 | | 0.6 |
| L | SHELBY TIE SHELBY NC | | | RANS | | 44.00 | | 0.6 |
| | SHERRILLS FORD SS SHERRILLS FORD NC | | | IST | | 44.00 | | |
| | SHERRILLS FORD SS SHERRILLS FORD NC | | | IST | | 44.00 | | |
| | SHOPTON RET CHARLOTTE NC | | | IST | | 100.00 | | |
| | SHORTOFF RET HIGHLANDS NC | | | IST | | 66.00 | | |
| | SIX MILE RET SIX MILE SC | | | IST | | 44.00 | | |
| | SMITHTOWN RET SMITHTOWN NC | | | IST | | 44.00 | | |
| | SOUTHBOUND RET WINSTON-SALEM NC | | | IST | | 100.00 | | |
| | SOUTHBOUND RET WINSTON-SALEM NC | | | IST | | 100.00 | | |
| | | | | | | | | |
| | | | | | | | | |

| | e of Respondent | This (1) | Report Is: X An Original | Date of Report (Mo, Da, Yr) | Year/Period o | |
|---|---|---------------------------------------|---|---|----------------|-----------------|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of 2 | 2016/Q4 |
| | | <u> </u> | SUBSTATIONS | | ļ | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character nded or unattended. At the end of the page, smn (f). | street Va exc obstati of eac | railway customer should no cept those serving customers ons must be shown. ch substation, designating wh | t be listed below. s with energy for resale, hether transmission or d | may be grouped | nether |
| ine | Name and Location of Substation | | Character of Sub | petation | VOLTAGE (In M | Va) |
| No. | (a) | | (b) | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | SOUTHBOUND RET WINSTON-SALEM NC | | DIST | , , | 0.00 13.00 | ` ′ |
| 2 | SOUTHPORT RD RET SPARTANBURG SC | | DIST | 100 | 0.00 13.00 | |
| 3 | SPARTAN GREEN RET DUNCAN SC | | DIST | 100 | 0.00 24.00 | |
| 4 | SPARTAN GREEN RET DUNCAN SC | | DIST | 100 | 0.00 24.00 | |
| 5 | SPARTAN HEIGHTS RET HENDERSONVILLE | NC | DIST | 44 | 1.00 13.00 | |
| | SPARTAN HEIGHTS RET HENDERSONVILLE | | DIST | 44 | 1.00 13.00 | |
| 7 | SPEEDWAY RET HARRISBURG NC | | DIST | 100 | 0.00 13.00 | 6.90 |
| 8 | SPEEDWAY RET HARRISBURG NC | | DIST | 100 | 0.00 13.00 | |
| 9 | SPEEDWAY RET HARRISBURG NC | | DIST | 100 | 0.00 13.00 | 6.90 |
| 10 | SPEEDWAY RET HARRISBURG NC | | DIST | 100 | 0.00 13.00 | 6.90 |
| 11 | SPEEDWAY RET HARRISBURG NC | | DIST | 100 | 0.00 24.00 | |
| 12 | SPEEDWAY RET HARRISBURG NC | | DIST | 1; | 3.00 | |
| 13 | SPRINGFIELD RET CHARLOTTE NC | | DIST | 100 | 0.00 24.00 | |
| 14 | SPRINGFIELD RET CHARLOTTE NC | | DIST | 100 | 0.00 24.00 | |
| 15 | SPRINGS IND SS FORT LAWN SC | | DIST | 100 | 0.00 24.00 | 13.00 |
| 16 | SPRINGS IND SS FORT LAWN SC | | DIST | 1; | 3.00 | |
| 17 | #VALUE! | | ACTIVE1 | | | |
| 18 | ST MARKS RET BURLINGTON NC | | DIST | 100 | 0.00 24.00 | |
| 19 | ST MARKS RET BURLINGTON NC | | DIST | 100 | 0.00 24.00 | |
| 20 | ST STEPHENS RET HICKORY NC | | DIST | 100 | 0.00 13.00 | |
| 21 | ST STEPHENS RET HICKORY NC | | DIST | 100 | 0.00 13.00 | |
| 22 | STALLINGS RD RET DURHAM NC | | DIST | 100 | 0.00 13.00 | |
| 23 | STALLINGS RD RET DURHAM NC | | DIST | 100 | 0.00 24.00 | |
| 24 | STAMEY TIE STATESVILLE NC | | TRANS | 230 | 0.00 100.00 | 13.00 |
| 25 | STAMEY TIE STATESVILLE NC | | TRANS | 230 | 0.00 100.00 | 13.00 |
| 26 | STAMEY TIE STATESVILLE NC | | TRANS | 230 | 0.00 100.00 | 44.00 |
| 27 | STAMEY TIE STATESVILLE NC | | TRANS | 1; | 3.00 0.40 | |
| 28 | STAMEY TIE STATESVILLE NC | | TRANS | 1; | 3.00 0.40 | |
| 29 | STARMOUNT FOREST DIST GREENSBORO N | NC | DIST | 24 | 1.00 6.90 | 2.40 |
| 30 | STARMOUNT FOREST DIST GREENSBORO 1 | VC | DIST | 24 | 1.00 6.90 | 2.40 |
| 31 | STARMOUNT FOREST DIST GREENSBORO 1 | VC | DIST | 24 | 1.00 6.90 | 2.40 |
| 32 | STARMOUNT FOREST DIST GREENSBORO 1 | NC | DIST | 24 | 1.00 6.90 | 2.40 |
| 33 | STARTOWN RET NEWTON NC | | DIST | 44 | 1.00 13.00 | |
| 34 | STARTOWN RET NEWTON NC | | DIST | 44 | 1.00 13.00 | |
| 35 | STATESVILLE CITY DEL 2 STATESVILLE NC | | DIST | 100 | 0.00 24.00 | |
| 36 | STATESVILLE CITY DEL 2 STATESVILLE NC | | DIST | 100 | 0.00 24.00 | 13.00 |
| 37 | STATESVILLE CITY DEL 3 STATESVILLE NC | | DIST | 100 | 0.00 24.00 | |
| 38 | STATESVILLE RD RET SALISBURY NC | | DIST | 100 | 0.00 13.00 | |
| 39 | STATESVILLE RD RET SALISBURY NC | | DIST | 100 | 0.00 13.00 | |
| 40 | STATESVILLE TIE STATESVILLE NC | | TRANS | 100 | 0.00 44.00 | |
| | | | | | | |

| | e of Respondent | This Report (1) X An | ls: Original | Date of Report (Mo, Da, Yr) | t | Year/Period of | |
|---|--|--|--|---|----------------|------------------|-----------------|
| Duke | e Energy Carolinas, LLC | · · · | Resubmission | 04/13/2017 | | End of 20 | 016/Q4 |
| | | ` ' | SUBSTATIONS | | ļ | | - |
| 2. S 3. S to fu 4. Ir atter | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M'nctional character, but the number of such sudicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street railwa /a except the bstations me of each sub- | ay customer should no ose serving customers ust be shown. station, designating wh | t be listed below. s with energy for nether transmission | resale, may | bution and wh | ether |
| Line | Name and Lagation of Culotation | | Character of Cub | atation. | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation (a) | | Character of Sub | | Primary (c) | Secondary (d) | Tertiary (e) |
| 1 | STATESVILLE TIE STATESVILLE NC | | TRANS | | 100.00 | 44.00 | (6) |
| | STATESVILLE TIE STATESVILLE NC | | TRANS | | 100.00 | 44.00 | |
| 3 | STATESVILLE TIE STATESVILLE NC | | TRANS | | 100.00 | 13.00 | 6.90 |
| 4 | STATESVILLE TIE STATESVILLE NC | | TRANS | | 100.00 | 13.00 | 6.90 |
| 5 | STATESVILLE TIE STATESVILLE NC | | TRANS | | 100.00 | 13.00 | 6.90 |
| | STATESVILLE TIE STATESVILLE NC | | TRANS | | 100.00 | 13.00 | 6.90 |
| 7 | STATESVILLE TIE STATESVILLE NC | | TRANS | | 100.00 | 13.00 | 6.90 |
| 8 | STATESVILLE TIE STATESVILLE NC | | TRANS | | 100.00 | 13.00 | 6.90 |
| 9 | STATESVILLE TIE STATESVILLE NC | | TRANS | | 100.00 | 13.00 | 6.90 |
| 10 | STEELE CREEK RET CHARLOTTE NC | | DIST | | 100.00 | 24.00 | |
| 11 | STEELE CREEK RET CHARLOTTE NC | | DIST | | 100.00 | 24.00 | |
| 12 | STOUTS RET STOUTS NC | | DIST | | 100.00 | 24.00 | |
| 13 | STOUTS RET STOUTS NC | | DIST | | 100.00 | 24.00 | |
| 14 | STOUTS RET STOUTS NC | | DIST | | 100.00 | 24.00 | |
| 15 | SUGAR HILL TIE MARION NC | | TRANS | | 100.00 | 44.00 | |
| 16 | SUGAR HILL TIE MARION NC | | TRANS | | 100.00 | 44.00 | |
| 17 | SUGAR HILL TIE MARION NC | | TRANS | | 24.00 | 0.20 | |
| 18 | SUMMERFIELD RET SUMMERFIELD NC | | DIST | | 100.00 | 24.00 | |
| 19 | SUMMERFIELD RET SUMMERFIELD NC | | DIST | | 100.00 | 24.00 | |
| 20 | SUMMEY ST RET CLEMSON SC | | DIST | | 100.00 | 13.00 | |
| 21 | SUMMEY ST RET CLEMSON SC | | DIST | | 100.00 | 13.00 | |
| 22 | SUMMEY ST RET CLEMSON SC | | DIST | | 100.00 | 13.00 | |
| 23 | SUMNER RET SALISBURY NC | | DIST | | 100.00 | 13.00 | |
| 24 | SUMNER RET SALISBURY NC | | DIST | | 100.00 | 13.00 | |
| 25 | SUNSET RET CHARLOTTE NC | | DIST | | 100.00 | 13.00 | |
| 26 | SUNSET RET CHARLOTTE NC | | DIST | | 100.00 | 13.00 | |
| 27 | SWAIMTOWN RET WINSTON-SALEM NC | | DIST | | 100.00 | 13.00 | |
| 28 | SWAIMTOWN RET WINSTON-SALEM NC | | DIST | | 100.00 | 13.00 | |
| 29 | SWAIN TIE BRYSON CITY NC | | TRANS | | 161.00 | 66.00 | |
| 30 | SWAIN TIE BRYSON CITY NC | | TRANS | | 161.00 | 66.00 | |
| 31 | SWAIN TIE BRYSON CITY NC | | TRANS | | 170.00 | 66.00 | |
| 32 | SWAIN TIE BRYSON CITY NC | | TRANS | | 69.00 | 13.00 | |
| 33 | SWAIN TIE BRYSON CITY NC | | TRANS | | 69.00 | 13.00 | |
| 34 | SWEETWATER RET HICKORY NC | | DIST | | 100.00 | 13.00 | |
| 35 | SWEETWATER RET HICKORY NC | | DIST | | 100.00 | 13.00 | |
| 36 | SWEPSONVILLE TIE SWEPSONVILLE NC | | TRANS | | 100.00 | 44.00 | |
| 37 | SWEPSONVILLE TIE SWEPSONVILLE NC | | TRANS | | 100.00 | 44.00 | |
| 38 | SWEPSONVILLE TIE SWEPSONVILLE NC | | TRANS | | 44.00 | 13.00 | |
| 39 | SWEPSONVILLE TIE SWEPSONVILLE NC | | TRANS | | 44.00 | 13.00 | |
| 40 | SWEPSONVILLE TIE SWEPSONVILLE NC | | TRANS | | 24.00 | 0.20 | |
| | | | | | | | |
| | | | 1 | | | | |

| | e of Respondent | | eport Is: X An Original | Date o (Mo, D | of Report | Year/Period of | |
|---|--|-------------------------------------|---|--|---|----------------|----------|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/ | | End of 20 | 016/Q4 |
| | | • | SUBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street Va excubstation of eac | railway customer sho ept those serving cus ns must be shown. n substation, designa | ould not be listed stomers with ene uting whether tran | below. rgy for resale, manusmission or distr | ibution and wh | ether |
| Line | | | | | \ | OLTAGE (In M\ | /a) |
| No. | Name and Location of Substation | | Characte | r of Substation | Primary | Secondary | Tertiary |
| | (a) | | | (b) | (c) | (d) | (e) |
| 1 | | NC | DIST | | 44.00 | | |
| 2 | TABLE ROCK TIE MORGANTON NC | | TRANS | | 100.00 | | 33.0 |
| 3 | | | TRANS | | 100.00 | 44.00 | |
| 4 | TABLE ROCK TIE MORGANTON NC | | TRANS | | 100.00 | 44.00 | 33.0 |
| | TABLE ROCK TIE MORGANTON NC | | TRANS | | 44.00 | | |
| | TABLE ROCK TIE MORGANTON NC | | TRANS | | 24.00 | | |
| 7 | TANNER RET RUTHERFORDTON NC | | DIST | | 100.00 | | 2.4 |
| | TANNER RET RUTHERFORDTON NC | | DIST | | 100.00 | | 2.4 |
| | TANNER RET RUTHERFORDTON NC | | DIST | | 100.00 | | 2.4 |
| 10 | | | DIST | | 100.00 | | 2.4 |
| 11 | | | DIST | | 100.00 | | |
| 12 | | | DIST | | 100.00 | | |
| | TAYLORSVILLE TIE TAYLORSVILLE NC | | TRANS | | 100.00 | | |
| | TAYLORSVILLE TIE TAYLORSVILLE NC | | TRANS | | 100.00 | | |
| - | TAYLORSVILLE TIE TAYLORSVILLE NC | | TRANS | | 100.00 | | 6.9 |
| 16 | | | TRANS | | 100.00 | | 6.9 |
| | TAYLORSVILLE TIE TAYLORSVILLE NC | | TRANS | | 100.00 | | 6.9 |
| | TAYLORSVILLE TIE TAYLORSVILLE NC | | TRANS | | 24.00 | | |
| | TAYLORSVILLE TIE TAYLORSVILLE NC | | TRANS | | 100.00 | | 6.9 |
| | TECHNOLOGY RET CHARLOTTE NC | | DIST | | 100.00 | + | |
| | TECHNOLOGY RET CHARLOTTE NC | | DIST | | 100.00 | | |
| | TEGA CAY RET FORT MILL SC | | DIST | | 100.00 | | |
| | TEGA CAY RET FORT MILL SC | | DIST | | 100.00 | | 13.0 |
| | TENNESSEE CREEK HYDRO TUCKASEGEE I | NC | TRANS | | 66.00 | | |
| | THIRD AVE RET HICKORY NO | | DIST | | 100.00 | | |
| | THIRD AVE RET HICKORY NC | | DIST | | 100.00 | | |
| | THOMASVILLE MN THOMASVILLE NC | | DIST | | 100.00 | | 2.4 |
| | THOMASVILLE MN THOMASVILLE NC | | DIST | | 100.00 | | 2.4 |
| | THOMASVILLE MN THOMASVILLE NC | | DIST | | 100.00 | | 2.4 |
| | THOMASVILLE MN THOMASVILLE NC | | DIST | | 100.00 | | 2.4 |
| | THOMASVILLE MN THOMASVILLE NC | | DIST | | 100.00 | | 2.4 |
| | THOMASVILLE MN THOMASVILLE NC THOMASVILLE MN THOMASVILLE NC | | DIST | | 100.00 | | 2.4 |
| | | | DIST | | | | |
| | THOMASVILLE MN THOMASVILLE NC | | | | 100.00 | | 2.4 |
| | THORPE HYDRO TUCKASEGEE NC THORPE HYDRO TUCKASEGEE NC | | TRANS TRANS | | 161.00 | | |
| | THORPE HYDRO TUCKASEGEE NC | | TRANS | | 161.00 | | |
| | THORPE HYDRO TUCKASEGEE NC | | TRANS | | 161.00 | | |
| | THORPE HYDRO TUCKASEGEE NC | | TRANS | | 161.00 | | |
| | THORPE HYDRO TUCKASEGEE NC | | TRANS | | 161.00 | | |
| | | | | | 131.00 | 33.30 | |
| | | | | | | | |

| | lame of Respondent | | nis Report Is: Date of R) X An Original (Mo, Da, | | t | Year/Period of Report End of 2016/Q4 | |
|---|--|--|--|--|------------|--------------------------------------|----------|
| Duke | e Energy Carolinas, LLC | | Resubmission | 04/13/2017 | | End of 2 | 010/Q4 |
| <u> </u> | | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such subdicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street railwa Va except the obstations mand of each sub | ay customer should no nose serving customers ust be shown. istation, designating wh | t be listed below. s with energy for nether transmissi | resale, ma | bution and wh | ether |
| Line | | | | | V | OLTAGE (In M\ | /a) |
| No. | Name and Location of Substation | | Character of Sub | estation | Primary | Secondary | Tertiary |
| | (a) | | (b) | | (c) | (d) | (e) |
| 1 | | | TRANS | | 66.00 | | |
| | THORPE HYDRO TUCKASEGEE NC | | TRANS | | 66.00 | _ | |
| 3 | | | TRANS | | 66.00 | | |
| 4 | THORPE HYDRO TUCKASEGEE NC THORPE HYDRO TUCKASEGEE NC | | TRANS | | 66.00 | | |
| | THORPE HYDRO TOCKASEGEE NC THRIFT RET CHARLOTTE NC | | TRANS DIST | | 6.90 | | |
| 7 | THRIFT RET CHARLOTTE NC | | DIST | | 100.00 | | |
| | TIGER TIE DUNCAN SC | | TRANS | | 230.00 | | 44.00 |
| | TIGER TIE DUNCAN SC | | TRANS | | 230.00 | | 44.00 |
| | TIGER TIE DUNCAN SC | | TRANS | | 230.00 | | 44.00 |
| 11 | | | TRANS | | 44.00 | | 44.00 |
| 12 | | | TRANS | | 44.00 | | |
| | TIGER TIE DUNCAN SC | | TRANS | | 44.00 | | |
| | TIGER TIE DUNCAN SC | | TRANS | | 44.00 | | |
| | TIGERVILLE RET TIGERVILLE SC | | DIST | | 44.00 | | 2.40 |
| | TIGERVILLE RET TIGERVILLE SC | | DIST | | 44.00 | | 2.40 |
| | TIGERVILLE RET TIGERVILLE SC | | DIST | | 44.00 | | 2.40 |
| | TIGERVILLE RET TIGERVILLE SC | | DIST | | 44.00 | | 2.40 |
| | TIGERVILLE RET TIGERVILLE SC | | DIST | | 44.00 | | 2.40 |
| | TIGERVILLE RET TIGERVILLE SC | | DIST | | 44.00 | | 2.40 |
| | TIGERVILLE RET TIGERVILLE SC | | DIST | | 44.00 | | 2.40 |
| | TNS M GREEN PL STA 3 GREER SC | | DIST | | 100.00 | | |
| | TOAST RET TOAST NC | | DIST | | 100.00 | | |
| | TOAST RET TOAST NC | | DIST | | 100.00 | | |
| | TOXAWAY TIE ANDERSON SC | | TRANS | | 100.00 | | 24.00 |
| 26 | TOXAWAY TIE ANDERSON SC | | TRANS | | 100.00 | 44.00 | 24.00 |
| 27 | TOXAWAY TIE ANDERSON SC | | TRANS | | 100.00 | 13.00 | |
| 28 | TOXAWAY TIE ANDERSON SC | | TRANS | | 100.00 | 13.00 | |
| 29 | TOXAWAY TIE ANDERSON SC | | TRANS | | 100.00 | 13.00 | |
| 30 | TOXAWAY TIE ANDERSON SC | | TRANS | | 44.00 | 2.40 | |
| 31 | TOXAWAY TIE ANDERSON SC | | TRANS | | 44.00 | 2.40 | |
| 32 | TOXAWAY TIE ANDERSON SC | | TRANS | | 44.00 | 2.40 | |
| 33 | TOXAWAY TIE ANDERSON SC | | TRANS | | 44.00 | 2.40 | |
| 34 | TRADESVILLE RET TRADESVILLE SC | | DIST | | 44.00 | 6.90 | |
| 35 | TRADESVILLE RET TRADESVILLE SC | | DIST | | 44.00 | 6.90 | |
| 36 | TRADESVILLE RET TRADESVILLE SC | | DIST | | 44.00 | 6.90 | |
| 37 | TRADESVILLE RET TRADESVILLE SC | | DIST | | 44.00 | 6.90 | |
| 38 | TRAVELERS REST RET TRAVELERS REST S | С | DIST | | 44.00 | 6.90 | 2.40 |
| 39 | TRAVELERS REST RET TRAVELERS REST S | С | DIST | | 44.00 | 6.90 | 2.40 |
| 40 | TRAVELERS REST RET TRAVELERS REST S | С | DIST | | 44.00 | 6.90 | 2.40 |
| | | | | | | | |

| | Name of Respondent | | Report Is | s: Original | Date of Report (Mo, Da, Yr) | | Year/Period of | Report 016/Q4 |
|---|---|---|--|--|--|--|----------------|------------------|
| Duke | Energy Carolinas, LLC | (1) (2) | A Re | esubmission | 04/13/2017 | | End of 20 | 10/Q4 |
| | | | | SUBSTATIONS | | <u> </u> | | |
| 2. S 3. S to fu 4. Ir atter | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such su dicate in column (b) the functional character ided or unattended. At the end of the page, so mn (f). | street Va exc ubstation of eac | railway cept tho ons mu ch subs | y customer should not use serving customers st be shown. tation, designating wh | be listed below with energy fo ether transmiss | v. r resale, may sion or distril | bution and who | ether |
| Line | | | | | | V | OLTAGE (In MV | 'a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| 1 | (a) TRAVELERS REST RET TRAVELERS REST S | :C | | (b) | | (c) 44.00 | (d) 6.90 | (e) |
| | TRAVELERS REST RET TRAVELERS REST S | | | DIST | | 44.00 | 6.90 | 2.4 |
| 3 | TRAVELERS REST RET TRAVELERS REST S | | | DIST | | 44.00 | 6.90 | 2.4 |
| 4 | TREMONT RET LENOIR NC | | | DIST | | 44.00 | 13.00 | |
| | TREMONT RET LENOIR NC | | | DIST | | 44.00 | 13.00 | |
| 6 | TREYBURN RET DURHAM NC | | | DIST | | 100.00 | 24.00 | |
| 7 | TREYBURN RET DURHAM NC | | | DIST | | 100.00 | 24.00 | |
| 8 | TRIAD PARK RET KERNERSVILLE NC | | | DIST | | 100.00 | 13.00 | |
| 9 | TRIAD PARK RET KERNERSVILLE NC | | | DIST | | 100.00 | 13.00 | |
| | TRIANGLE RET LOWESVILLE NC | | | DIST | | 100.00 | 24.00 | |
| | TRIANGLE RET LOWESVILLE NC | | | DIST | | 100.00 | 13.00 | 4.1 |
| | TRIBBLE ST RET ANDERSON SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TRIBBLE ST RET ANDERSON SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TRIBBLE ST RET ANDERSON SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TRIBBLE ST RET ANDERSON SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TRIBBLE ST RET ANDERSON SC | | | DIST | | 44.00 | 2.40 | 0.6 |
| | TRIBBLE ST RET ANDERSON SC | | | DIST | | 44.00 | 2.40 | 0.6 |
| | TRIBBLE ST RET ANDERSON SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TRIBBLE ST RET ANDERSON SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TRINITY RIDGE RET LAURENS SC | | | DIST | | 44.00 | 13.00 | 6.9 |
| | TRINITY RIDGE RET LAURENS SC | | | DIST | | 44.00 | 13.00 | 6.9 |
| - | TRINITY RIDGE RET LAURENS SC | | | DIST | | 44.00 | 13.00 | 6.9 |
| | TRINITY RIDGE RET LAURENS SC | | | DIST | | 44.00 | 13.00 | 6.9 |
| | TRINITY RIDGE RET LAURENS SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TRINITY RIDGE RET LAURENS SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TRINITY RIDGE RET LAURENS SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TRINITY RIDGE RET LAURENS SC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TRINITY RIDGE RET LAURENS SC | | | DIST | | 44.00 | 13.00 | |
| | TRIPLETT RET MOORESVILLE NC | | | DIST | | 100.00 | 13.00 | |
| | TRIPLETT RET MOORESVILLE NC | | | DIST | | 100.00 | | 6.9 |
| | TROLLINGWOOD RET HAW RIVER NC | | | DIST | | 100.00 | 24.00 | |
| | TROLLINGWOOD RET HAW RIVER NC | | | DIST | | 100.00 | 24.00 | |
| | TROUTMAN RET TROUTMAN NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TROUTMAN RET TROUTMAN NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TROUTMAN RET TROUTMAN NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TROUTMAN RET TROUTMAN NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | TROUTMAN RET TROUTMAN NC | | | DIST | | 44.00 | 13.00 | 6.9 |
| | TROUTMAN RET TROUTMAN NC | | | DIST | | 44.00 | 13.00 | 6.9 |
| | TROUTMAN RET TROUTMAN NC | | | DIST | | 44.00 | 13.00 | 6.9 |
| | TRYON RET TRYON NC | | | DIST | | 44.00 | 6.90 | 2.4 |
| | | | | | | | | |
| | | | | | | | | |

FERC FORM NO. 1 (ED. 12-96)

| | e of Respondent | This (1) | Report Is | | Date of Rep (Mo, Da, Yr) | ort | Year/Period of | Report 16/Q4 | |
|---|--|---------------------------------------|--|---|---|---|----------------|-----------------|--|
| Duke | e Energy Carolinas, LLC | (2) | A Re | esubmission | 04/13/2017 | | End of | | |
| | | • | | SUBSTATIONS | | • | | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | t railway cept tho ions mu ch subsi | customer should not se serving customers st be shown. tation, designating wh | be listed below with energy for mether transmis | w. or resale, may sion or distril | bution and whe | ether | |
| Line | | | | | | V | OLTAGE (In MV | (a) | |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary | |
| | (a) | | | (b) | | (c) | (d) | (e) | |
| 1 | | | | DIST | | 44.00 | 6.90 | 2.4 | |
| 2 | | | | DIST | | 44.00 | 6.90 | 2.4 | |
| 3 | | | | DIST | | 44.00 | 6.90 | 2.4 | |
| 4 | TRYON RET TRYON NC | | | DIST | | 44.00 | 13.00 | | |
| 5 | | | | TRANS | | 230.00 | 161.00 | 13.0 | |
| 6 | | | | TRANS | | 230.00 | 161.00 | 13.0 | |
| 7 | | | | TRANS | | 13.00 | 0.40 | | |
| 8 | | | | TRANS | | 13.00 | 0.40 | | |
| 9 | | | | DIST | | 44.00 | 13.00 | | |
| | TUCKERS CREEK RET BREVARD NC | | | DIST | | 44.00 | 13.00 | | |
| 11 | | | | TRANS | | 44.00 | 2.40 | 0.6 | |
| | TURNER SHOALS SW STA MILL SPRINGS NO | | | TRANS | | 44.00 | 2.40 | 0.6 | |
| | TURNER SHOALS SW STA MILL SPRINGS NOTURNER SHOALS SW STA MILL SPRINGS NO | | | TRANS TRANS | | 44.00 | 2.40 | 0.6 | |
| | TURNER SHOALS SW STA MILL SPRINGS NO | | | TRANS | | 44.00 2.40 | | | |
| | TURNER SHOALS SW STA MILL SPRINGS NO | | | TRANS | | 2.40 | | | |
| | TURNER SHOALS SW STA MILL SPRINGS NO | | | TRANS | | 24.00 | 0.20 | | |
| | TURNERSBURG RET TURNERSBURG NC | | | DIST | | 44.00 | 6.90 | | |
| | TURNERSBURG RET TURNERSBURG NC | | | DIST | | 44.00 | 6.90 | | |
| | TURNERSBURG RET TURNERSBURG NC | | | DIST | | 44.00 | | | |
| | TURNERSBURG RET TURNERSBURG NC | | | DIST | | 44.00 | | 6.9 | |
| | TYSINGER RD RET MIDWAY NC | | | DIST | | 100.00 | | | |
| | UNA RET SPARTANBURG SC | | | DIST | | 100.00 | 13.00 | | |
| | UNA RET SPARTANBURG SC | | | DIST | | 100.00 | | | |
| | UNC-CH DEL 1 CAMERON CHAPEL HILL NC | | | DIST | | 100.00 | | | |
| | UNC-CH DEL 1 CAMERON CHAPEL HILL NC | | | DIST | | 100.00 | 13.00 | | |
| 27 | UNC-CH DEL 2 SOUTH CHAPEL HILL NC | | | DIST | | 100.00 | 13.00 | | |
| 28 | UNIFI MADISON T&D MADISON NC | | | DIST | | 100.00 | 24.00 | | |
| 29 | UNIFI YADKINVILLE T&D STA 1 YADKINVILLE | NC | | DIST | | 100.00 | 13.00 | | |
| 30 | UNIFI YADKINVILLE T&D STA 1 YADKINVILLE | NC | | DIST | | 100.00 | 13.00 | | |
| 31 | UNIFI YADKINVILLE T&D STA 2 YADKINVILLE | NC | | DIST | | 100.00 | 24.00 | | |
| 32 | UNIFI YADKINVILLE T&D STA 2 YADKINVILLE | NC | | DIST | | 100.00 | 24.00 | | |
| 33 | UNIV OF N C CHARLOTTE STA 2 CHARLOTTE | E NC | | DIST | | 100.00 | 44.00 | | |
| 34 | UPWARD RD RET HENDERSONVILLE NC | | | DIST | | 100.00 | 13.00 | | |
| 35 | UPWARD RD RET HENDERSONVILLE NC | | | DIST | | 100.00 | 13.00 | | |
| 36 | URQUHART STEAM STA AUGUSTA GA | | | TRANS | | 100.00 | 13.00 | | |
| 37 | VALDESE RET VALDESE NC | | | DIST | | 44.00 | 2.40 | 0.6 | |
| 38 | VALDESE RET VALDESE NC | | | DIST | | 44.00 | 2.40 | 0.6 | |
| 39 | VALDESE RET VALDESE NC | | | DIST | | 44.00 | 2.40 | 0.6 | |
| 40 | VALDESE RET VALDESE NC | | | DIST | | 44.00 | 13.00 | | |
| | | | | | | | | | |

| | e of Respondent | This Report I | | Date of Report (Mo, Da, Yr) | | Year/Period of | • |
|---|---|---|--|--|------------------|----------------|----------|
| Duke | e Energy Carolinas, LLC | | esubmission | 04/13/2017 | | | 016/Q4 |
| | | | SUBSTATIONS | | • | | |
| 2. S 3. S to fu 4. Ir atter | deport below the information called for concert ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character add or unattended. At the end of the page, smn (f). | street railway Va except the Ibstations mu of each subs | y customer should not ose serving customers ust be shown. station, designating wh | t be listed below. s with energy for resale nether transmission or | , may distril | bution and wh | ether |
| Line | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | Character of Sub | Prima | ry | Secondary | Tertiary |
| 1 | (a) VALDESE RET VALDESE NC | | DIST (b) | (c) | 14.00 | (d) 13.00 | (e) |
| | VALDESE TIE VALDESE NC | | TRANS | | 00.00 | | |
| | VALDESE TIE VALDESE NC | | TRANS | | 00.00 | | |
| 4 | VALDESE TIE VALDESE NC | | TRANS | | 00.00 | 24.00 | |
| | VALDESE TIE VALDESE NC | | TRANS | | 00.00 | | |
| | VALDESE TIE VALDESE NC | | TRANS | | 00.00 | | |
| 7 | VALUEDE THE VALUE TO THE VALUE | | DIST | | 14.00 | 13.00 | 6.9 |
| | VALMEAD RET LENOIR NC | | DIST | | 14.00 | 13.00 | 6.9 |
| | VALMEAD RET LENOIR NC | | DIST | | 14.00 | 13.00 | 6.9 |
| | VALMEAD RET LENOIR NC | | DIST | | 14.00 | 13.00 | 6.9 |
| 11 | | | DIST | | 14.00 | 13.00 | |
| | VAN WYCK RET VAN WYCK SC | | DIST | | 14.00 | 13.00 | 6.9 |
| | VAN WYCK RET VAN WYCK SC | | DIST | | 14.00 | 13.00 | 6.9 |
| | VAN WYCK RET VAN WYCK SC | | DIST | | 14.00 | 13.00 | 6.9 |
| | VAN WYCK RET VAN WYCK SC | | DIST | 4 | 14.00 | 13.00 | 6.9 |
| 16 | VAN WYCK RET VAN WYCK SC | | DIST | 4 | 14.00 | 6.90 | |
| | VAN WYCK RET VAN WYCK SC | | DIST | 4 | 14.00 | 6.90 | |
| | VAN WYCK RET VAN WYCK SC | | DIST | 4 | 14.00 | 6.90 | |
| 19 | VAN WYCK RET VAN WYCK SC | | DIST | 4 | 14.00 | 6.90 | |
| 20 | VAN WYCK RET VAN WYCK SC | | DIST | 4 | 14.00 | 6.90 | 2.4 |
| | VAN WYCK RET VAN WYCK SC | | DIST | | 14.00 | | 2.4 |
| 22 | VAN WYCK RET VAN WYCK SC | | DIST | 4 | 14.00 | 6.90 | 2.4 |
| 23 | VAN WYCK TIE VAN WYCK SC | | DIST | 10 | 00.00 | 44.00 | |
| 24 | VAN WYCK TIE VAN WYCK SC | | DIST | 10 | 00.00 | 44.00 | |
| 25 | VAN WYCK TIE VAN WYCK SC | | DIST | 2 | 24.00 | 0.20 | |
| 26 | VANDALIA RET GREENSBORO NC | | DIST | 10 | 00.00 | 24.00 | |
| 27 | VANDALIA RET GREENSBORO NC | | DIST | 10 | 00.00 | 24.00 | |
| 28 | VANDALIA RET GREENSBORO NC | | DIST | 10 | 00.00 | 24.00 | |
| 29 | VANDALIA RET GREENSBORO NC | | DIST | 2 | 24.00 | 6.90 | 2.4 |
| 30 | VANDALIA RET GREENSBORO NC | | DIST | 2 | 24.00 | 6.90 | 2.4 |
| 31 | VANDALIA RET GREENSBORO NC | | DIST | 2 | 24.00 | 6.90 | 2.4 |
| 32 | VANDALIA RET GREENSBORO NC | | DIST | 2 | 24.00 | 6.90 | 2.4 |
| 33 | VERDAE RET GREENVILLE SC | | DIST | 10 | 00.00 | 24.00 | |
| 34 | VERDAE RET GREENVILLE SC | | DIST | 10 | 00.00 | 13.00 | |
| 35 | W FRANKLIN RET FRANKLIN NC | | DIST | (| 6.00 | 13.00 | |
| 36 | W FRANKLIN RET FRANKLIN NC | | DIST | (| 6.00 | 13.00 | |
| 37 | W GASTONIA RET GASTONIA NC | | DIST | 10 | 00.00 | 13.00 | |
| 38 | W GASTONIA RET GASTONIA NC | | DIST | 10 | 00.00 | 13.00 | |
| 39 | W HICKORY RET HICKORY NC | <u> </u> | DIST | 4 | 14.00 | 2.40 | |
| 40 | W HICKORY RET HICKORY NC | | DIST | 2 | 14.00 | 2.40 | |
| | | | | | | | |

| | e of Respondent | | Report | ls: Original | Date of Report (Mo, Da, Yr) | | Year/Period of | • |
|---|--|---------------------------------------|---|--|--------------------------------------|---------------|----------------|----------|
| Duke | e Energy Carolinas, LLC | (2) | | Resubmission | 04/13/2017 | End of2016/Q4 | | |
| | | • | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | eport below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sudicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street Va exc ibstati of eac | railwa cept the ons mu ch subs | y customer should not ose serving customers ust be shown. station, designating wh | be listed below. with energy for res | ale, ma | bution and whe | ether |
| Line | | | | | | V | OLTAGE (In MV | 'a) |
| No. | Name and Location of Substation | | | Character of Sub | station Pri | mary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | W HICKORY RET HICKORY NC | | | DIST | | 44.00 | 2.40 | |
| 2 | W HICKORY RET HICKORY NC | | | DIST | | 44.00 | 2.40 | |
| 3 | W NORWOOD RET NORWOOD NC | | | DIST | | 24.00 | 6.90 | 2.4 |
| 4 | W NORWOOD RET NORWOOD NC | | | DIST | | 24.00 | 6.90 | 2.4 |
| 5 | W NORWOOD RET NORWOOD NC | | | DIST | | 24.00 | 6.90 | 2.4 |
| 6 | W NORWOOD RET NORWOOD NC | | | DIST | | 24.00 | 6.90 | 2.4 |
| 7 | W NORWOOD RET NORWOOD NC | | | DIST | | 100.00 | 24.00 | |
| 8 | W NORWOOD RET NORWOOD NC | | | DIST | | 100.00 | 24.00 | |
| 9 | W SPARTANBURG TIE SPARTANBURG SC | | | TRANS | | 100.00 | 44.00 | |
| 10 | W SPARTANBURG TIE SPARTANBURG SC | | | TRANS | | 100.00 | 44.00 | |
| 11 | W SPARTANBURG TIE SPARTANBURG SC | | | TRANS | | 100.00 | 44.00 | |
| 12 | W SPARTANBURG TIE SPARTANBURG SC | | | TRANS | | 100.00 | 44.00 | |
| 13 | WADDELL RD RET GREENVILLE SC | | | DIST | | 100.00 | 13.00 | |
| 14 | WADDELL RD RET GREENVILLE SC | | | DIST | | 100.00 | 13.00 | |
| 15 | WADSWORTH RET SPARTANBURG SC | | | DIST | | 100.00 | 13.00 | |
| 16 | WADSWORTH RET SPARTANBURG SC | | | DIST | | 100.00 | 13.00 | |
| 17 | WALDEN RET SPARTANBURG SC | | | DIST | | 100.00 | 24.00 | |
| 18 | WALHALLA TIE WALHALLA SC | | | TRANS | | 100.00 | 44.00 | |
| | WALHALLA TIE WALHALLA SC | | | TRANS | | 100.00 | 44.00 | |
| 20 | WALHALLA TIE WALHALLA SC | | | TRANS | | 100.00 | 44.00 | |
| 21 | WALHALLA TIE WALHALLA SC | | | TRANS | | 44.00 | 0.20 | |
| 22 | WALKER TIE HARMONY SC | | | TRANS | | 100.00 | 44.00 | |
| 23 | WALKER TIE HARMONY SC | | | TRANS | | 100.00 | 44.00 | |
| 24 | WALKER TIE HARMONY SC | | | TRANS | | 24.00 | 0.20 | |
| 25 | WALKER TIE HARMONY SC | | | TRANS | | 24.00 | 0.20 | |
| 26 | WALKERTOWN RET WALKERTOWN NC | | | DIST | | 100.00 | 13.00 | |
| 27 | WALKERTOWN RET WALKERTOWN NC | | | DIST | | 100.00 | 13.00 | |
| 28 | WALLACE RD RET MIDLAND NC | | | DIST | | 100.00 | 24.00 | |
| 29 | WALNUT COVE TIE WALNUT COVE NC | | | TRANS | | 100.00 | 44.00 | |
| 30 | WALNUT COVE TIE WALNUT COVE NC | | | TRANS | | 100.00 | 44.00 | |
| 31 | WALNUT COVE TIE WALNUT COVE NC | | | TRANS | | 44.00 | 24.00 | 13.0 |
| | WALNUT COVE TIE WALNUT COVE NC | | | TRANS | | 44.00 | | 13.0 |
| | WALNUT COVE TIE WALNUT COVE NC | | | TRANS | | 44.00 | | 6.9 |
| | WALNUT COVE TIE WALNUT COVE NC | | | TRANS | | 44.00 | | 6.9 |
| | WALNUT COVE TIE WALNUT COVE NC | | | TRANS | | 44.00 | | 6.9 |
| | WALNUT COVE TIE WALNUT COVE NC | | | TRANS | | 44.00 | | 13.0 |
| | WALNUT COVE TIE WALNUT COVE NC | | | TRANS | | 44.00 | | 6.9 |
| | WALNUT COVE TIE WALNUT COVE NC | | | TRANS | | 24.00 | | |
| | WARE PLACE RET PELZER SC | | | DIST | | 44.00 | 6.90 | |
| 40 | WARE PLACE RET PELZER SC | | | DIST | | 44.00 | 6.90 | |
| | | | | | | | | |

| | e of Respondent | This Report Is: (1) X An Original | Date of Re (Mo, Da, Y | port r) | Year/Period of Report End of 2016/Q4 | |
|---|--|--|---|---|---------------------------------------|----------|
| Duke | e Energy Carolinas, LLC | (2) A Resubmission | 04/13/201 | | End of2016/Q4 | |
| <u> </u> | | SUBSTATIONS | | | | |
| 2. S 3. S to fu 4. Ir atter | deport below the information called for concert ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character add or unattended. At the end of the page, smn (f). | street railway customer sho Va except those serving custostations must be shown. of each substation, designation | ould not be listed belistomers with energy ating whether transm | ow. for resale, ma ission or distri | bution and wh | ether |
| Line | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | Characte | er of Substation | Primary | Secondary | Tertiary |
| | (a) | 2107 | (b) | (c) | (d) | (e) |
| | WARE PLACE RET PELZER SC | DIST | | 44.00 | | |
| - | WARE PLACE RET PELZER SC | DIST | | 44.00 | | 2.40 |
| 3 | WARE PLACE RET PELZER SC | DIST | | 44.00 | | |
| 4 | WARE PLACE RET PELZER SC | DIST | | 44.00 | | 2.40 |
| | WARE PLACE RET PELZER SC | DIST | | 44.00 | | 2.40 |
| <u> </u> | WASHBURN RET BOSTIC NC | DIST | | 44.00 | | 4.10 |
| 7 | WASHBURN RET BOSTIC NC | DIST | | 44.00 | | 4.10 |
| 8 | WASHBURN RET BOSTIC NC | DIST | | 44.00 | | 4.10 |
| | WASHBURN RET BOSTIC NC | DIST | | 44.00 | . | 4.10 |
| - | WASHBURN RET BOSTIC NC | DIST | | 44.00 | | |
| 11 | WATEREE HYDRO LUGOFF SC | TRANS | | 100.00 | | |
| | WATEREE HYDRO LUGOFF SC WATEREE HYDRO LUGOFF SC | TRANS TRANS | | 100.00 | | |
| | WATEREE HYDRO LUGOFF SC | TRANS | | 100.00 | | |
| | WATEREE HYDRO LUGOFF SC | TRANS | | 100.00 | | |
| | WATEREE HYDRO LUGOFF SC | TRANS | | 6.90 | . | |
| | WATEREE HYDRO LUGOFF SC | TRANS | | 6.90 | | |
| | WATEREE HYDRO LUGOFF SC | TRANS | | 6.90 | | |
| | WATERTOWER RET KANNAPOLIS NC | DIST | | 13.00 | | 0.60 |
| | WATERTOWER RET KANNAPOLIS NC | DIST | | 13.00 | | 0.60 |
| | WATERTOWER RET KANNAPOLIS NC | DIST | | 13.00 | | 0.60 |
| - | WATERTOWER RET KANNAPOLIS NC | DIST | | 44.00 | | 0.00 |
| | WATERTOWER RET KANNAPOLIS NC | DIST | | 13.00 | | |
| | WATERTOWER RET KANNAPOLIS NC | DIST | | 44.00 | | |
| | WAYNICK RD RET REIDSVILLE NC | DIST | | 100.00 | | |
| <u> </u> | WEAVER RET DURHAM NC | DIST | | 100.00 | | |
| <u> </u> | WEBBS CHAPEL RET DENVER NC | DIST | | 44.00 | | |
| - | WEBBS CHAPEL RET DENVER NC | DIST | | 44.00 | | |
| | WEBSTER TIE WEBSTER NC | TRANS | | 161.00 | | |
| | WEBSTER TIE WEBSTER NC | TRANS | | 161.00 | | |
| | WEBSTER TIE WEBSTER NC | TRANS | | 66.00 | | |
| | WEBSTER TIE WEBSTER NC | TRANS | | 66.00 | | |
| | WEBSTER TIE WEBSTER NC | TRANS | | 66.00 | | |
| 34 | WENTWORTH RET WENTWORTH NC | DIST | | 100.00 | - | |
| | WENTWORTH RET WENTWORTH NC | DIST | | 100.00 | 13.00 | |
| | WESTMINSTER MN WESTMINSTER SC | DIST | | 100.00 | | |
| | WESTMINSTER MN WESTMINSTER SC | DIST | | 100.00 | 44.00 | |
| 38 | WESTMINSTER MN WESTMINSTER SC | DIST | | 100.00 | 44.00 | |
| 39 | WESTMINSTER MN WESTMINSTER SC | DIST | | 44.00 | 6.90 | 2.40 |
| 40 | WESTMINSTER MN WESTMINSTER SC | DIST | | 44.00 | 6.90 | 2.40 |
| | | | | | | |
| | | | | | | |

| | e of Respondent | This (1) | Report Is: X An Origina | al | Date of Repo (Mo, Da, Yr) | rt | Year/Period of | Report 016/Q4 |
|---|--|---------------------------------------|--|--|---|-------------|----------------|------------------|
| Duke | e Energy Carolinas, LLC | (2) | A Resubn | nission | | End of 20 | <u>110/Q4</u> | |
| | | • | | STATIONS | • | • | | |
| 2. S 3. S to fu 4. Ir atter | Report below the information called for concertubstations which serve only one industrial or substations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character anded or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | railway custopet those secons must be consumer the customer the customer that it is not be consumer to consumer the customer that is not be consumer to consumer the customer that is not be consumer to consumer the customer that is not be consumer to consumer the customer that is not be consumer to consumer the customer that is not be consumer to consumer the customer than the customer that is not be consumer to consumer the customer than the customer than the customer than the customer than the customer that is not be consumer to customer the customer than the cus | omer should no erving customer shown. , designating w | it be listed below s with energy for hether transmiss | resale, mag | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | ostation | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | | | DIST | | | 44.00 | 6.90 | 2.4 |
| 2 | | | DIST | | | 44.00 | 6.90 | 2.4 |
| 3 | | | DIST | | | 44.00 | 13.00 | |
| 4 | WHITE PLAINS RET MT AIRY NC | | DIST | | | 100.00 | 13.00 | |
| | WHITEHALL RET ANDERSON SC | | DIST | | | 100.00 | 13.00 | |
| 6 | | | DIST | | | 100.00 | 13.00 | |
| 7 | | | DIST | | | 100.00 | 6.90 | 2.4 |
| | WHITMIRE RET WHITMIRE SC | | DIST | | | 100.00 | 6.90 | 2.4 |
| 9 | | | DIST | | | 100.00 | 6.90 | 2.4 |
| | WHITMIRE RET WHITMIRE SC | | DIST | | | 100.00 | 6.90 | 2.4 |
| 11 | | | DIST | | | 100.00 | 24.00 | |
| | WHITSETT RET BURLINGTON NC WILDCAT TIE CORNELIUS NC | | TRA | | | 100.00 | 24.00 44.00 | |
| | WILDCAT TIE CORNELIUS NC | | TRA | | | 100.00 | 44.00 | |
| | WILDCAT TIE CORNELIUS NC | | TRA | | | 100.00 | 44.00 | |
| | WILGROVE RET CHARLOTTE NC | | DIST | | | 100.00 | 24.00 | |
| | WILGROVE RET CHARLOTTE NC | | DIS | | | 100.00 | 24.00 | |
| | WILKES TIE NORTH WILKESBORO NC | | TRA | | | 100.00 | 44.00 | |
| | WILKES TIE NORTH WILKESBORO NC | | TRA | | | 100.00 | 44.00 | |
| | WILKES TIE NORTH WILKESBORO NC | | TRA | | | 24.00 | | |
| | WILLARD RD RET WINSTON-SALEM NC | | DIS | | | 100.00 | | |
| | WILLIAMSBURG RET REIDSVILLE NC | | DIST | | | 100.00 | | |
| | WILLIAMSBURG TIE WILLIAMSBURG NC | | TRA | | | 100.00 | 24.00 | |
| | WILLIAMSBURG TIE WILLIAMSBURG NC | | TRA | NS | | 100.00 | 24.00 | |
| 25 | WILLIAMSBURG TIE WILLIAMSBURG NC | | TRA | NS | | 100.00 | 24.00 | |
| 26 | WILLIAMSBURG TIE WILLIAMSBURG NC | | TRA | NS | | 100.00 | 24.00 | |
| 27 | WILLIAMSTON RET WILLIAMSTON SC | | DIS | T | | 44.00 | 6.90 | 2. |
| 28 | WILLIAMSTON RET WILLIAMSTON SC | | DIS | | | 44.00 | 6.90 | 2. |
| 29 | WILLIAMSTON RET WILLIAMSTON SC | | DIS | Г | | 44.00 | 6.90 | 2. |
| 30 | WILLIAMSTON RET WILLIAMSTON SC | | DIST | Ī | | 44.00 | 6.90 | 2. |
| 31 | WILLIAMSTON RET WILLIAMSTON SC | | DIS | 7 | | 44.00 | 6.90 | 2. |
| 32 | WILLIAMSTON RET WILLIAMSTON SC | | DIS | 7 | | 44.00 | 6.90 | 2. |
| 33 | WILLIAMSTON RET WILLIAMSTON SC | | DIS | | | 44.00 | 6.90 | 2. |
| 34 | WILLIAMSTON RET WILLIAMSTON SC | | DIST | | | 44.00 | 6.90 | 2. |
| 35 | WILLOW CREEK RET HIGH POINT NC | | DIST | Г | | 100.00 | 13.00 | |
| 36 | WILLOW CREEK RET HIGH POINT NC | | DIST | | | 100.00 | 13.00 | |
| 37 | WINECOFF RET CONCORD NC | | DIST | | | 44.00 | 13.00 | |
| 38 | WINECOFF TIE CONCORD NC | | TRA | NS | | 230.00 | 100.00 | 44. |
| 39 | WINECOFF TIE CONCORD NC | | TRA | NS | | 230.00 | 100.00 | 44. |
| 40 | WINECOFF TIE CONCORD NC | | TRA | NS | | 230.00 | 100.00 | 44.0 |
| | | | | | | | | |

| | e of Respondent | | Report Is | | Date of Rep (Mo, Da, Yr | oort | Year/Period of | • |
|---|--|---------------------------------------|--|--|--|---|----------------|----------|
| Duke | e Energy Carolinas, LLC | (2) | A Re | esubmission | End of 2016 | | 016/Q4 | |
| | | • | | SUBSTATIONS | • | • | | |
| 2. S 3. S to fu 4. Ir atter | report below the information called for concer ubstations which serve only one industrial or ubstations with capacities of Less than 10 M nctional character, but the number of such sundicate in column (b) the functional character ided or unattended. At the end of the page, smn (f). | street Va exc ubstati of eac | railway cept tho ons mus ch subst | customer should no se serving customers st be shown. tation, designating wh | t be listed belo s with energy for nether transmis | w. or resale, mag ssion or distri | bution and wh | ether |
| Line | | | | | | V | OLTAGE (In MV | /a) |
| No. | Name and Location of Substation | | | Character of Sub | station | Primary | Secondary | Tertiary |
| | (a) | | | (b) | | (c) | (d) | (e) |
| 1 | WINECOFF TIE CONCORD NC | | | TRANS | | 230.00 | 100.00 | 44.0 |
| 2 | WINECOFF TIE CONCORD NC | | | TRANS | | 44.00 | 0.40 | |
| 3 | WINECOFF TIE CONCORD NC | | | TRANS | | 44.00 | | |
| 4 | WINECOFF TIE CONCORD NC | | | TRANS | | 44.00 | | |
| 5 | WINSTON TIE WINSTON-SALEM NC | | | TRANS | | 100.00 | 13.00 | |
| 6 | WINTHROP UNIV DEL 3 ROCK HILL SC | | | DIST | | 24.00 | 13.00 | |
| 7 | WITHERS RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| | WITHERS RET CHARLOTTE NC | | | DIST | | 100.00 | 24.00 | |
| 9 | WOODLAWN TIE CHARLOTTE NC | | | TRANS | | 100.00 | 13.00 | |
| 10 | WOODLAWN TIE CHARLOTTE NC | | | TRANS | | 100.00 | 13.00 | |
| | WOODLAWN TIE CHARLOTTE NC | | | TRANS | | 100.00 | 13.00 | |
| | WOODLAWN TIE CHARLOTTE NC | | | TRANS | | 230.00 | | 44.0 |
| | WOODLAWN TIE CHARLOTTE NC | | | TRANS | | 230.00 | | 44.0 |
| | WOODLAWN TIE CHARLOTTE NC | | | TRANS | | 230.00 | | 44.0 |
| | WOODLAWN TIE CHARLOTTE NC | | | TRANS | | 44.00 | 0.40 | |
| | WOODLAWN TIE CHARLOTTE NC | | | TRANS | | 44.00 | | |
| | WOODLAWN TIE CHARLOTTE NC | | | TRANS | | 44.00 | | |
| | WOODRUFF RET WOODRUFF SC | | | DIST | | 44.00 | 13.00 | |
| | WOODRUFF RET WOODRUFF SC | | | DIST | | 44.00 | 13.00 | |
| | WOODRUFF TIE WOODRUFF SC | | | TRANS | | 100.00 | | |
| - | WOODRUFF TIE WOODRUFF SC | | | TRANS | | 100.00 | | |
| | WOODRUFF TIE WOODRUFF SC | | | TRANS | | 100.00 | | |
| | WOODRUFF TIE WOODRUFF SC | | | TRANS | | 24.00 | | |
| | WRENN RET PIEDMONT SC | | | DIST | | 100.00 | | |
| | WRENN RET PIEDMONT SC | | | DIST | | 100.00 | | |
| | WYLIE HYDRO PL FORT MILL SC | | | TRANS | | 44.00 | | |
| | WYLIE HYDRO PL FORT MILL SC | | | TRANS | | 44.00 | | |
| | WYLIE HYDRO PL FORT MILL SC | | | TRANS | | 44.00 | | |
| | WYLIE HYDRO PL FORT MILL SC | | | TRANS | | 44.00 | | |
| | WYLIE SW STA FORT MILL SC | | | TRANS | | 100.00 | | |
| | WYLIE SW STA FORT MILL SC | | | TRANS | | 100.00 | | |
| | WYNDWARD POINT RET NEWRY SC | | | DIST | | 100.00 | | |
| | WYNDWARD POINT RET NEWRY SC | | | DIST | | 100.00 | | |
| | YADKINVILLE RET YADKINVILLE NC | | | DIST | | 100.00 | | 2.4 |
| | YADKINVILLE RET YADKINVILLE NC | | | DIST | | 100.00 | | 2.4 |
| | YADKINVILLE RET YADKINVILLE NC | | | DIST | | 100.00 | | 2.4 |
| - | YADKINVILLE RET YADKINVILLE NC | | | DIST | | 100.00 | | 2.4 |
| | YORK E C DEL 11 INDIA HOOK SC YORK E C DEL 11 INDIA HOOK SC | | | DIST | | 44.00 44.00 | | |
| | YORK E C DEL 6 TIRZAH SC | | | DIST | | 44.00 | | |
| | | | | | | 30 | 75.55 | |
| <u></u> | | | | | | | | |

| Name of Respondent | | | This Report Is: Date of Report Is: (1) Man Original (Man Da Wr) | | | | /r\ | | | | | |
|--------------------------------|--|---|---|--------------|----------------------------|--------------|---------------|----------|--|--|--|--|
| Duke | e Energy Carolinas, LLC | | | | (Mo, Da, Yr) 04/13/2017 | | End of 20 | 016/Q4 | | | | |
| | | (2) | | SUBSTATIONS | | | | | | | | |
| 2. S 8. S o fui I. In | ubstations which serve only one industrial or ubstations with capacities of Less than 10 M'nctional character, but the number of such sudicate in column (b) the functional character | port below the information called for concerning substations of the respondent as of the end of the year. bestations which serve only one industrial or street railway customer should not be listed below. bestations with capacities of Less than 10 MVa except those serving customers with energy for resale, may be grouped according ctional character, but the number of such substations must be shown. licate in column (b) the functional character of each substation, designating whether transmission or distribution and whether led or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in (f). | | | | | | | | | | |
| ine | Name and Location of Substation | | Char | | | | OLTAGE (In MV | 'a) | | | | |
| No. | , . | | Cilais | acter of Sub | I | Primary | Secondary | Tertiary | | | | |
| - 1 | (a) YORK E C DEL 6 TIRZAH SC | | DIST | (b) | | (c) 44.00 | (d) 13.00 | (e) | | | | |
| | | | | | | | | | | | | |
| | YORK E C DEL 9 HANCOCK SC | | DIST | | | 44.00 | 13.00 | | | | | |
| | YORK RET YORK SC | | DIST | | | 100.00 | 13.00 | | | | | |
| | YORK RET YORK SC | | DIST | | | 100.00 | 13.00 | | | | | |
| | YORK RET YORK SC | | DIST | | | 13.00 | 2.40 | 0.60 | | | | |
| | YORK RET YORK SC | | DIST | | | 13.00 | 2.40 | 0.60 | | | | |
| | YORK RET YORK SC | | DIST | | | 13.00 | 2.40 | 0.60 | | | | |
| | YORK RET YORK SC | | DIST | | | 100.00 | 24.00 | 13.00 | | | | |
| 9 | ZF TRANSMISSIONS GVILLE LLC GRAY COU | RT SC | TRANS | | | 100.00 | 13.00 | | | | | |
| 10 | ZION CHURCH RD RET HICKORY NC | | DIST | | | 100.00 | 13.00 | 6.90 | | | | |
| 11 | | | | | | | | | | | | |
| 12 | 23 STATIONS UNDER 10 MVA CAPACITY | | TRANS | | | | | | | | | |
| 13 | FERC SUBCODE = T OR D | | | | | | | | | | | |
| 14 | 213 STATIONS UNDER 10 MVA CAPACITY | | DIST | | | | | | | | | |
| 15 | FERC SUBCODE = T OR D | | | | | | | | | | | |
| 16 | 175 STATIONS 10 OR GREATER MVA CAPACI | TY | TRANS | | | | | | | | | |
| 17 | FERC SUBCODE = T OR D | | | | | | | | | | | |
| 18 | 576 STATIONS 10 OR GREATER MVA CAPACI | TY | DIST | | | | | | | | | |
| 19 | FERC SUBCODE = T OR | | | | | | | | | | | |
| | 172 TOTAL FOR STATIONS | | TRANS | | | 241348.01 | 54534.64 | 8555.20 | | | | |
| | 576 TOTAL FOR STATIONS | | DIST | | | | | | | | | |
| | NC STATIONS FOR INDUSTRIAL CUSTOMERS | ` | INDUSTRIA | AI | | | | | | | | |
| | SC STATIONS FOR INDUSTRIAL CUSTOMERS | | INDUSTRIA | | | | | | | | | |
| 24 | CO OTATIONO I OTATIONO I TANDO | <u>, </u> | 1142001141 | \L_ | | | | | | | | |
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| Dusce Territy Carolinas, LLC | Name of Respondent | | | Report Is | | Date of Re | port | | r/Period of Repor | |
|--|----------------------------|------------------------|-------------|-----------|-----------------------|----------------|---------------|----------|-----------------------------|---|
| 5. Show in columns (I), (I), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of elsesor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of elsesor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of elsesor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of elsesor, date and period of lease, and annual rent. For any substation of coverner or other party, explain basis of sharing expenses or other accounting between the parties, and state amount accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (in MVa) Transformers (in MV | Duke Energy Carolinas, LLC | | | A Re | submission 04/13/2017 | | | End of | | |
| Increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated under lease, give name of co-owners or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company affected in respondent specific party is an associated company affected in respondent specific party is an associated company affected in respondent specific party is an associated company affected in respondent specific party is an associated company affected in respondent specific party is an associated company affected in respondent specific party is an associated company affected in respondent specific party is an associated company affected in respondent specific party is an associated company affected in respondent specific party is an associated company affected in respondent specific party is an associated c | 5 Chow in columns (I) | (i) and (k) anasial as | uinmont o | | , , | tifioro condor | naora eta | and au | viliany aguinman | ot for |
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| of co-owner or other part | | | | | | | | | |
| affected in respondent's | books of account. | specify in e | ach c | ase whether lessor, co | -owner, or oth | er party is ar | n asso | ociated company | /. |
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| 5. Show in columns (i), (j), and (k) special equipment such as rotary converters, nectifiers, condensers, etc. and auxiliary equipment for increasing capably. 6. Designate substitions or major items of equipment lease from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of leaser, date and period of lease, and annual rent. For any substation or equipment operated under the party, explain basis of sharing expenses or other accounting between the parties, and state amounts and account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. **Capacity of Substation** (in) **Institute** **Capacity of Substation** (in) **Institute** **Capacity of Substation** (in) **Institute** **In | Duke Energy Carolinas, LL | .C | | | \ R€ | esubmission | | | End | 1 of2016/Q4 | - |
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| SUBSTATIONS (Continued) 5. Show in columns (I), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (In Service) (In MVa) (g) (h) (i) (j) (In MVa) (k) 3 1 1 | Name of Respondent | | This (1) | Repoi | t Is: Original | Date of Re (Mo, Da, Y | port | | ar/Period of Repor | |
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| period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amount and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (in Mays) Number of Transformers (in Service) (in Mays) Number of International (i | increasing capacity. 6. Designate substations | s or major items of e | equipment I | ease | d from others, jointly ov | wned with othe | ers, or operat | ed otl | herwise than by | |
| of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (in Service) Number of Service (in MVa) Number of Transformers in Service (in MVa) CONVERSION APPARATUS AND SPECIAL EQUIPMENT (in MVa) (in MVa) Number of Units (in MVa) (in MVa) (in MVa) Total Capacity (in MVa) (in MVa) (in MVa) (in MVa) Number of Units (in MVa) (in MVa) (in MVa) (in MVa) (in MVa) Number of Units (in MVa) (in M | | | | | | | | | | |
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| Duke Energy Carolinas, LLC 2 A Resubmission 04/13/2017 Enuro 20/15/2018 | Name of Respondent | | This | Repo | ort Is | S: Original | Date of Re | port | | r/Period of Repor | |
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| 5. Show in columns (I), (I), and (Ic) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership but need on any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, date and period of lease, and annual rent. For any substation of cowner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts adecounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (in M/a) 10 11 12 13 14 15 15 16 17 18 18 19 19 19 19 19 19 19 19 | Duke Energy Carolinas, LL | .C | | | A Re | esubmission | | | Enc | l of2016/Q4 | - |
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| Name of Respondent | | (1) | Report | Original | Date of Re (Mo, Da, Y | port r) | Year/Period of Repo | |
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| 5 01 | (2) | | | STATIONS (Continued) | . (************************************ | | 1 | |
| 5. Show in columns (I), increasing capacity.6. Designate substation reason of sole ownership | s or major items of e | equipment I | eased | from others, jointly or | wned with othe | rs, or operate | ed otherwise than by | y |
| period of lease, and ann of co-owner or other par affected in respondent's | ual rent. For any su ty, explain basis of s | bstation or haring exp | equip enses | ment operated other t or other accounting b | han by reason etween the pa | of sole owner rties, and stat | rship or lease, give re amounts and acc | name counts |
| anected in respondents | books of account. | Specify in e | acii c | ise whether lessor, co | -owner, or our | er party is air | associated compar | ıy. |
| Capacity of Substation | Number of | Numbe | | CONVERS | ION APPARATU | IS AND SPECIA | AL EQUIPMENT | Line |
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| 5. Show in columns (I), increasing capacity.6. Designate substation | s or major items of e | equipment I | ease | ed f | rom others, jointly ow | ned with othe | rs, or opera | ated otl | nerwise than by | |
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| Capacity of Substation | Number of | Numbe | r of | | CONVERSI | ON APPARATU | IS AND SPE | CIAL E | QUIPMENT | Line |
| (In Service) (In MVa) | Transformers In Service | Spare Transforr | | | Type of Equi | | Number of | | Total Capacity | No. |
| | | | Hers | | | | | . • | (In MVa) | |
| (f) 4 | (g) | (h) | | | (i) | | (j) | | (k) | |
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| 100 | | | | | | STU | | | | |
| 1 | 1 | | | | | AUX | | | | |
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| 62 | 1 | | | | | GND | | 1 | 61,700 | |
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| 2 | 1 | | | | | | | | | 1 |
| 448 | 1 | | | | | | | | | 18 |
| 400 | 1 | | | | | | | | | 19 |
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| 20 | 1 | | | | | | | | | 24 |
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| 2 | | | | 1 | | | | | | 2 |
| 2 | 1 | | | | | | | | | 28 |
| 2 | 1 | | | | | | | | | 29 |
| 2 | 1 | | | | | | | | | 30 |
| 200 | 1 | | | | | | | | | 3 |
| 60 | 1 | | | | | | | | | 32 |
| 30 | 1 | | | | | | | | | 3 |
| 30 | 1 | | | | | | | | | 34 |
| 10 | 1 | | | | | GND | | 1 | 9,561 | 3 |
| 1 | 1 | | | | | | | | | 30 |
| 1 | 1 | | | | | AUX | | | | 3 |
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| 1 | 1 | | | | | AUX | | | | 39 |
| | 1 | | | | | SS | | | | 40 |
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| Name of Respondent | | This I | Report Is | S: Original | Date of Re | r\ | ar/Period of Repor | |
|--|---------------------------|-----------------|-----------|---------------------------------|--------------------------|--------------------|----------------------------|--------|
| Duke Energy Carolinas, LL | .C | (1) | | esubmission TATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | d of2016/Q4 | |
| E Chow in columns (I) | (i) and (k) anguist of | uinmont o | | , , | tificro condor | naara ata anda | wilion, og linmon | ot for |
| 5. Show in columns (I), increasing capacity.6. Designate substation reason of sole ownershi | s or major items of e | quipment l | eased f | rom others, jointly ow | ned with othe | rs, or operated ot | herwise than by | |
| period of lease, and ann | | | | | | | | |
| of co-owner or other par | | | | | | | | |
| affected in respondent's | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Capacity of Substation | Number of Transformers | Number Spare | | CONVERSI | ON APPARATL | IS AND SPECIAL E | QUIPMENT | Line |
| (In Service) (In MVa) | In Service | Transforn | | Type of Equi | pment | Number of Units | Total Capacity (In MVa) | No. |
| (f) | (g) | (h) | | (i) | | (j) | (iii iii va) (k) | |
| 20 | 1 | | | | | | | 1 |
| 30 | 1 | | | | | | | 2 |
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| 20 | 1 | | | | | | | 6 |
| 20 | 1 | | | | | | | 7 |
| 20 | 1 | | | | | | | 8 |
| 1 | 1 | | | | | | | 9 |
| 1 | 1 | | | | | | | 10 |
| 1 | 1 | | | | | | | 11 |
| 1 | | | 1 | | | | | 12 |
| 200 | 1 | | - | | STU | | | 13 |
| 140 | 1 | | | | STU | | | 14 |
| 12 | 1 | | | | | | | 15 |
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| 12 | - | | | | | | | 22 |
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| 40 | 1 | | | | | | | 28 |
| 12 | 1 | | | | | | | 29 |
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| Name of Respondent | | This | Repo | ort Is | S: Original | Date of Re | port | | ar/Period of Repor | |
|--|----------------------------|--------------------|------|--------|------------------------|--------------------------|-------------|----------|--------------------|-------------|
| Duke Energy Carolinas, LL | .C | (1) | | A Re | Original esubmission | (Mo, Da, Y 04/13/2017 | | End | of 2016/Q4 | |
| F. Chavrin calumna (I) | (i) and (k) anasial a | | | | TATIONS (Continued) | titione conde | | | viliam ramvimma a | |
| 5. Show in columns (I), increasing capacity.6. Designate substations reason of sole ownership | s or major items of e | equipment I | eas | ed f | rom others, jointly ow | ned with othe | rs, or oper | ated oth | nerwise than by | |
| period of lease, and ann | | | | | | | | | | |
| of co-owner or other part | | | | | | | | | | |
| affected in respondent's | books of account. | Specify in e | ach | cas | se whether lessor, co | -owner, or oth | er party is | an asso | ociated company | y . |
| | | | | | | | | | | |
| Consoity of Substation | Number of | Numbe | r of | | CONVERSI | ON APPARATU | IS AND SPE | CIAL F | OUIPMENT | Lina |
| Capacity of Substation (In Service) (In MVa) | Transformers In Service | Spare Transforr | е | | Type of Equi | | Number o | | Total Capacity | Line No. |
| (f) | (g) | (h) | ners | • | (i) | | (j) | · Omio | (In MVa) (k) | |
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| 11 | 1 | | | | | | | | | 18 |
| 750 | 1 | | | | | STU | | | | 19 |
| 8 | 1 | | | | | 310 | | | | 20 |
| 8 | 1 | | | | | | | | | 2 |
| 24 | 1 | | | | | | | | | 2 |
| 750 | 1 | | | | | STU | | | | 2 |
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| 42 | 1 | | | | | | | | | 34 |
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| Name of Respondent | | This (1) | Repor | t Is: n Original | Date of Re (Mo, Da, Y | port | Year/Period of Repor | |
|---|------------------------|---------------|--------|-------------------------|--------------------------|------------------|----------------------|-------------|
| Duke Energy Carolinas, LL | _C | (2) | ΠA | Resubmission | 04/13/2017 | | End of2016/Q4 | - |
| 5 01 1 (1) | (2) | | | STATIONS (Continued) | | | | |
| 5. Show in columns (I), | (j), and (k) special e | quipment s | such a | s rotary converters, re | ctifiers, conder | nsers, etc. and | l auxiliary equipmer | nt for |
| increasing capacity. 6. Designate substation | is or major items of e | equipment l | lease | from others jointly o | wned with othe | ers or operated | I otherwise than by | |
| reason of sole ownershi | | | | | | | | |
| period of lease, and ann | | | | | | | | |
| of co-owner or other par | | | | | | | | |
| affected in respondent's | books of account. S | Specify in e | each c | ase whether lessor, co | o-owner, or oth | er party is an a | associated company | у. |
| | | | | | | | | |
| 0 " (0 1 1 | Number of | Numbe | r of | CONVEDS | ION ADDADATI | JS AND SPECIA | I EQUIDMENT | T |
| Capacity of Substation (In Service) (In MVa) | Transformers | Spar | е | Type of Equ | | T | | Line No. |
| | In Service | Transforr | mers | | ipinent | Number of Un | (In MVa) | 110. |
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| 2 | 1 | | | | | | | 35 |
| 42 | 1 | | | | | | | 36 |
| 42 | 1 | | | | | | | 37 |
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| 42 | 1 | | | | | | | 39 |
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| Name of Respondent | | This F | Report I | s: Original | Date of Re | r\ | ar/Period of Report | |
|--|------------------------|------------|----------|---------------------------------|--------------------------|----------------------|---------------------|----------------|
| Duke Energy Carolinas, LL | .C | (1) | ☐A R | esubmission TATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | d of2016/Q4 | |
| 5 Chow in columns (I) | (i) and (k) angoint of | auinmont o | | , , | tifioro condor | sors sto and au | vilian, aquinman | + for |
| 5. Show in columns (I), increasing capacity.6. Designate substation | | | | • | | | | t for |
| reason of sole ownership | | | | | | | | |
| period of lease, and ann | | | | | | | | |
| of co-owner or other par | | | | | | | | |
| affected in respondent's | | | | | | | | |
| | books of docount. | , poon y o | 4011 Out | oo whomen recess, ee | owner, or our | or party to air door | solutou company | • |
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| Canacity of Cubatation | Number of | Number | of | CONVERSION | ON APPARATI | IS AND SPECIAL E | QUIPMENT | Lina |
| Capacity of Substation | Transformers | Spare | | | | | Total Capacity | Line No. |
| (In Service) (In MVa) | In Service | Transform | ners | Type of Equi | pment | Number of Units | (In MVa) | INO. |
| (f) | (g) | (h) | | (i) | | (j) | (k) | |
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| 200 | 1 | | | | | | | 23 |
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| 300 | 1 | | | | | | | 2 |
| 300 | 1 | | | | | | | 26 |
| 29 | 1 | | | | GND | 1 | 28,672 | 2 |
| 10 | 1 | | | | GND | 1 | | 28 |
| | <u> </u> | | | | | <u>'</u> | 9,501 | 29 |
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| Name of Respondent | | This I | Report | ls: Original | Date of Re | port | | ar/Period of Repor | |
|--|---------------------------|-----------------|--------|--|--------------------------|-------------|----------|--------------------|--|
| Duke Energy Carolinas, LL | .C | (1) | □ A R | Original lesubmission STATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | End | d of2016/Q4 | - |
| E. Chave in calcumana (I) | (i) and (k) anasial a | | | , , | titione conde | | and a | | -4 for |
| 5. Show in columns (I), increasing capacity.6. Designate substation | s or major items of e | equipment l | eased | from others, jointly ow | ned with othe | rs, or oper | ated otl | herwise than by | |
| reason of sole ownership | | | | | | | | | |
| period of lease, and ann | | | | | | | | | |
| of co-owner or other par | | | | | | | | | |
| affected in respondent's | books of account. S | Specify in e | ach ca | se whether lessor, co- | -owner, or oth | er party is | an asso | ociated company | y. |
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| Capacity of Substation | Number of Transformers | Number Spare | | CONVERSI | ON APPARATL | JS AND SPE | ECIAL E | QUIPMENT | Line |
| (In Service) (In MVa) | In Service | Transforn | | Type of Equi | pment | Number o | f Units | Total Capacity | No. |
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| Name of Respondent | | This Repo | ort Is: | Date of Re | r\ | ar/Period of Repor | |
|---|---------------------------|--------------------|---|--------------------------|---------------------|----------------------------|----------|
| Duke Energy Carolinas, LL | _C | (2) | An Original A Resubmission IBSTATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | d of2016/Q4 | |
| 5. Show in columns (I), | (i) and (k) angoint o | | ` ' | atifiora condon | acora eta anda | uvilian, aquinman | t for |
| increasing capacity. 6. Designate substation reason of sole ownershi | s or major items of e | equipment lease | ed from others, jointly ov | vned with othe | rs, or operated of | therwise than by | |
| period of lease, and ann | | | | | | | |
| of co-owner or other par | | | | | | | |
| affected in respondent's | | | | | | | |
| anected in respondents | books of account. | specify in each | case whether lesson, co | owner, or our | cr party is air ass | ociated company | • |
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| Capacity of Substation | Number of Transformers | Number of Spare | CONVERSI | ON APPARATU | IS AND SPECIAL E | EQUIPMENT | Line |
| (In Service) (In MVa) | In Service | Transformers | Type of Equi | ipment | Number of Units | Total Capacity (In MVa) | No. |
| (f) | (g) | (h) | (i) | | (j) | (k) | |
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| Name of Respondent | | This I | Repo | ort Is: | al . | Date of Re (Mo, Da, Y | port | | ar/Period of Repor | |
|---|----------------------------|--------------------|------|------------------------|--------------------|--------------------------|-------------|----------|--------------------|------------|
| Duke Energy Carolinas, LL | .C | (1) | | An Origina A Resubm | ission | 04/13/2017 | | End | d of2016/Q4 | - |
| 5 Chow in columns (I) | (i) and (k) angoint of | auinment e | | | NS (Continued) | atificra condor | noro oto | and au | vilian, oguinmor | ot for |
| 5. Show in columns (I), increasing capacity. | (j), and (k) special e | quipment s | ucn | as rotary | converters, rec | cullers, conder | isers, etc. | and au | ixiliary equipmer | IL IOI |
| 6. Designate substation | s or major items of e | equipment l | ease | ed from o | others, jointly ov | vned with othe | rs, or oper | ated otl | nerwise than by | |
| reason of sole ownership | | | | | | | | | | |
| period of lease, and ann | | | | | | | | | | |
| of co-owner or other par affected in respondent's | | | | | | | | | | |
| anected in respondents | books of account. | ореспу III е | acn | case wn | ether lessor, co | -owner, or oth | er party is | an asso | ocialed company | √ . |
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| Capacity of Substation | Number of | Numbe | | | CONVERSI | ON APPARATU | IS AND SPE | ECIAL E | QUIPMENT | Line |
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| Duke Entropy Carolinas, LLC | Name of Respondent | | This Report Is | i: Original | Date of Rep (Mo, Da, Yr | oort | | eriod of Report | |
|--|---------------------------|------------------------|---------------------|-----------------------|----------------------------|----------------|------------|---------------------------|------------|
| 5. Show in columns (I), (i), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership or the respondent. For any substation or equipment operated durier lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, and state amount and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party, explain basis of sharing expenses or other accounting between the parties, and state amount and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (in MVa) (in MVa) In Interest the state of th | Duke Energy Carolinas, LL | .C | (2) A Re | submission | | | End of | 2016/Q4 | |
| Increasing capacity 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, given name of lessor, date and period of lease, and annual rent. For any substation or equipment operated under lease, given name of lessor, date and once the party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated committed in the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated committed in the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated committed in the party of the party is an associated committed in the party of the party is an associated committed in the party of the party is an associated committed in the party of the party is an associated committed in the party of the | E Chow in columns (I) | (i) and (k) ansaid a | | , , | tifiara condon | aoro eta a | nd auvilie | m, aquinman | |
| 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of leases, give name of lease, give name of leases, give name of leases, give name of lease, give name of leases, give name of lease, give name of lease, give name of lease, give name of lease, give name | • | (j), and (k) special e | quipment such as i | otary converters, rec | titiers, conden | sers, etc. a | nd auxilia | ary equipmen | it for |
| reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership of lessor, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is and sale associated company. Capacity of Substation (in Service) (in MVa) Number of Transformers in Service (in) Number of Transformers in Ser | | s or major items of e | equinment leased fo | rom others inintly ow | ned with other | rs or onerat | ed otherv | vise than hy | |
| period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (In Service) Number of Transformers (In Service) (In MVa) Number of Transformers (In Service) (In MVa) Number of Transformers (In Service) (In MVa) Number of Transformers (In MVa) Number of Transformers (In MVa) Number of Transformers (In MVa) Number of In MVa) Num | | | | | | | | | |
| Affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Specify in each case whether lessor, co-owner, or other party is an associated company. | | | | | | | | | |
| Capacity of Substation (in Service) | | | | | | | | | |
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| Duke Energy Carolinas, LL | _C | (1) | ΠA | n Original Resubmission | (Mo, Da, Y 04/13/2017 | | End of2016/Q4 | 1 |
| F. Chave in calcumna (I) | (i) and (k) anasial a | | | BSTATIONS (Continued) | tifiana aanda | | | |
| 5. Show in columns (I), increasing capacity.6. Designate substation | s or major items of | equipment l | ease | ed from others, jointly ow | ned with othe | rs, or operated | otherwise than by | , |
| reason of sole ownershi | | | | | | | | |
| period of lease, and ann | | | | | | | | |
| of co-owner or other par | | | | | | | | |
| affected in respondent's | books of account. | Specify in e | acn | case whether lessor, co- | -owner, or otn | er party is an a | ssociated compan | у. |
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| Capacity of Substation | Number of | Numbe | r of | CONVERSI | ON APPARATL | JS AND SPECIAL | EQUIPMENT | Line |
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| Name of Respondent | | This I | Repo | ort I | S: Original | Date of Re | port | | ar/Period of Repor | |
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| Duke Energy Carolinas, LL | С | (1) | | A R | Original esubmission TATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | End | of 2016/Q4 | • |
| F. Chavein calumns (I) | (i) and (k) anasial a | | | | TATIONS (Continued) | titione conde | | | viliam ram vinoma am | |
| 5. Show in columns (I), (increasing capacity.6. Designate substations | | | | | • | | | | | |
| reason of sole ownership | | | | | | | | | | |
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| of co-owner or other part | | | | | | | | | | |
| affected in respondent's | books of account. | Specify in e | ach | ca | se whether lessor, co | -owner, or oth | er party is | an asso | ociated company | /. |
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| | Number of | Numbe | r of | | CONVERG | ON APPARATU | IC AND CD | -CIAL F | OLUDNIENE | _ |
| Capacity of Substation | Transformers | Spare | е | | | | | | | Line No. |
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| Name of Respondent | | This Report | ls: Original | Date of Re | ۲\ | ear/Period of Repor | |
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| Duke Energy Carolinas, LL | .C | (2) A F | Original Resubmission | (Mo, Da, Y 04/13/2017 | | nd of2016/Q4 | |
| 5 Oh : 1 : | (2) | | STATIONS (Continued) | ee. | | | 1.6 |
| 5. Show in columns (I), increasing capacity.6. Designate substation reason of sole ownership | s or major items of ed | uipment leased | from others, jointly ow | ned with othe | rs, or operated o | therwise than by | |
| period of lease, and ann | | | | | | | |
| of co-owner or other part | | | | | | | |
| affected in respondent's | | | | | | | |
| anected in respondents | books of account. Of | occity in each co | dae whether leader, co- | -owner, or our | or party is air as | ociated company | |
| Capacity of Substation | Number of | Number of | CONVERSI | ON APPARATU | S AND SPECIAL | EQUIPMENT | Line |
| (In Service) (In MVa) | Transformers In Service | Spare Transformers | Type of Equi | pment | Number of Units | Total Capacity | No. |
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| Name of Respondent | | This | Repo | rt Is | S: Original | Date of Re | port | | r/Period of Repor | |
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| Duke Energy Carolinas, LL | .C | (1) | ΠA | Re | Original esubmission | (Mo, Da, Y 04/13/2017 | | End | l of2016/Q4 | |
| 5 01 | (2) | | | | TATIONS (Continued) | | | | | |
| 5. Show in columns (I), increasing capacity.6. Designate substation. | | | | | • | | | | | |
| reason of sole ownership | | | | | | | | | | |
| period of lease, and ann | | | | | | | | | | |
| of co-owner or other part | | | | | | | | | | |
| affected in respondent's | books of account. | Specify in e | ach (| cas | e whether lessor, co- | -owner, or oth | er party is | an asso | ciated company | /. |
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| Capacity of Substation | Number of Transformers | Numbe Spar | | | CONVERSI | ON APPARATL | IS AND SPE | ECIAL E | QUIPMENT | Line |
| (In Service) (In MVa) | In Service | Transform | | | Type of Equi | pment | Number o | f Units | Total Capacity | No. |
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| SUBSTATIONS (Continued) 5. Show in columns (I), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for | Name of Respondent | | This F | Report I | S: Original | Date of Re | port | | ar/Period of Repor | |
|--|---------------------------|------------------------|---------------|----------|------------------------|--------------------------|-------------|---------|--------------------|---|
| 5. Show in columns (I)(, i), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of classor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of leases, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capachy of Substation (in MVa) 1 | Duke Energy Carolinas, LL | .C | | ∐A R | esubmission | (Mo, Da, Y 04/13/2017 | | End | d of2016/Q4 | - |
| increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated under lease, give name of co-owners or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated counts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated counts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated counts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated counts affected in respondent's books of accounts. Specify in each case whether lessor, co-owner, or other party is an associated counts affected in respondent's books of accounts. Specify in each case whether lessor, co-owner, or other party is an associated counts affected in respondent's books of accounts. Specify in each case whether lessor, co-owner, or other party is an associated counts affected in respondent's books of accounts. Specify in each case whether lessor, co-owner, or other party is an associated counts affected in respondent should be accounted by a section of the party is an associated counts. The party is an associated counts affected in respondent or specify and the party is an associated counts. The party is an associated counts affected in respondent should be accounted by a section of the party is an associated counts. The party is an associated counts affected in respondent should be accounted by a section of the party is an associated counts. The party is an associated counts affect | 5 Chow in columns (I) | (i) and (k) anasial or | auinment a | | , , , | tifioro condor | noro oto | and au | vilian, oguinmon | at for |
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| Affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. | | | | | | | | | | |
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| Name of Respondent | | This I | Repor | : ls: : Original | Date of Re (Mo, Da, Y | eport | | ar/Period of Repor | |
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| Duke Energy Carolinas, LL | .C | (1) | ΠA | Resubmission | 04/13/201 | | End | d of2016/Q4 | - |
| 5 01 | (*) | | | STATIONS (Continued) | . (************************************ | | | | |
| 5. Show in columns (I), increasing capacity.6. Designate substation reason of sole ownership | s or major items of e | equipment I | ease | I from others, jointly ov | wned with othe | ers, or oper | ated otl | nerwise than by | |
| period of lease, and ann of co-owner or other part | ual rent. For any su | bstation or | equip | ment operated other t | han by reason | of sole ow | nership | or lease, give n | name |
| affected in respondent's | | | | | | | | | |
| Capacity of Substation | Number of Transformers | Numbe Spare | | CONVERS | ION APPARATI | JS AND SPE | ECIAL E | | Line |
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| Name of Respondent | | This | Repo | ort Is | : riginal | Date of Re | port | | r/Period of Repor | |
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| Duke Energy Carolinas, LL | .C | (1) | | 4 Re | riginal submission | (Mo, Da, Y 04/13/2017 | | End | l of2016/Q4 | • |
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| Show in columns (I), increasing capacity. Designate substations | s or major items of e | quipment I | eas | ed fr | om others, jointly ow | ned with othe | rs, or oper | ated oth | nerwise than by | |
| reason of sole ownership period of lease, and ann | ual rent. For any su | bstation or | equ | ipmo | ent operated other th | an by reason | of sole ow | nership | or lease, give n | ame |
| of co-owner or other part affected in respondent's | | | | | | | | | | |
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| Capacity of Substation | Number of Transformers | Numbe Spare | | | | ON APPARATU | 1 | | | Line |
| (In Service) (In MVa) | In Service | Transforr | | | Type of Equip | oment | Number o | of Units | Total Capacity (In MVa) | No. |
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| Name of Respondent | | This | Repo | ort I | S: Original | Date of Re | port | | ar/Period of Repor | |
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| 5. Show in columns (I), increasing capacity. | | | | | • | | | | | |
| 6. Designate substations | | | | | | | | | | |
| reason of sole ownership | | | | | | | | | | |
| period of lease, and annu of co-owner or other part | | | | | | | | | | |
| affected in respondent's | | | | | | | | | | |
| anected in respondent's | books of account. | opecity in e | acii | Cas | se whether lesson, co- | -owner, or our | er party is | an assc | ciated company | /- |
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| Capacity of Substation | Number of | Numbe | | | CONVERSI | ON APPARATL | IS AND SPE | ECIAL E | QUIPMENT | Line |
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| Name of Respondent | | This F (1) | Report Is X An C | S: Original | Date of Re (Mo, Da, Y | port | | ar/Period of Repor | |
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| Duke Energy Carolinas, LL | .C | (2) | A Re | esubmission FATIONS (Continued) | 04/13/2017 | | End | 1 of2016/Q4 | |
| 5. Show in columns (I), | (i) and (k) enocial or | nuinmont cu | | , , | tifiors condor | eore oto | and au | vilian/ oquinmor | |
| increasing capacity. | (j), and (k) special ed | quipment st | uch as i | rotary conventers, rec | uners, conder | isers, etc. | anu au | xillary equipmer | 11 101 |
| 6. Designate substation | s or major items of e | auipment le | eased f | rom others, jointly ow | ned with othe | rs, or opera | ated oth | nerwise than by | |
| reason of sole ownership | | | | | | | | | |
| period of lease, and ann | | | | | | | | | |
| of co-owner or other par | | | | | | | | | |
| affected in respondent's | | | | | | | | | |
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| Capacity of Substation | Number of | Number | | CONVERSI | ON APPARATU | S AND SPE | CIAL E | QUIPMENT | Line |
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| 20 | 1 | | | | | | | | 31 |
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| Name of Respondent | | This I | Rep | ort I | s: Original | Date of Re | port | | ar/Period of Repor | |
|--|---------------------------|------------------|-----|-------|-------------------------|--------------------------|---------------|----------|-----------------------------------|------|
| Duke Energy Carolinas, LL | .C | (1) | | A R | esubmission | (Mo, Da, Y 04/13/2017 | | End | of 2016/Q4 | • |
| F. Chavrin calumna (I) | (i) and (k) anasial a | | | | TATIONS (Continued) | tifiana aandar | | | viliam ramvimma a | |
| 5. Show in columns (I), increasing capacity.6. Designate substations reason of sole ownership | s or major items of e | equipment I | eas | ed f | from others, jointly ow | ned with othe | rs, or opera | ated oth | nerwise than by | |
| period of lease, and anno of co-owner or other part | ual rent. For any su | bstation or | equ | ıipm | nent operated other th | nan by reason | of sole owi | nership | or lease, give n | ame |
| affected in respondent's | | | | | | | | | | |
| Capacity of Substation | Number of Transformers | Numbe Spare | | | CONVERSI | ON APPARATU | JS AND SPE | CIAL E | | Line |
| (In Service) (In MVa) (f) | In Service (g) | Transforr (h) | | ; | Type of Equi | pment | Number of (j) | f Units | Total Capacity (In MVa) (k) | No. |
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| Name of Respondent | | This F (1) | Report Is | S: Original | Date of Re (Mo, Da, Y | port Ye | ar/Period of Repor | |
|--|---------------------------|-----------------|-----------|------------------------|--------------------------|--------------------|--------------------|------------|
| Duke Energy Carolinas, LL | .C | (2) | A R | esubmission | 04/13/2017 | ,' Er | d of2016/Q4 | • |
| F. Chavein calumna (I) | (i) and (k) anasial a | | | TATIONS (Continued) | tifiana aandan | | | |
| 5. Show in columns (I), increasing capacity. | (j), and (k) special e | quipment si | uch as | rotary converters, rec | ctifiers, conder | isers, etc. and a | uxiliary equipmer | nt for |
| 6. Designate substation | s or major items of e | equipment le | eased f | rom others, jointly ow | ned with othe | rs, or operated o | therwise than by | |
| reason of sole ownership | | | | | | | | |
| period of lease, and ann | | | | | | | | |
| of co-owner or other par | | | | | | | | |
| affected in respondent's | books of account. | Specify in ea | ach cas | se whether lessor, co- | owner, or oth | er party is an ass | ociated company | <i>/</i> . |
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| | | | | | | | | |
| Capacity of Substation | Number of Transformers | Number Spare | | CONVERSI | ON APPARATL | IS AND SPECIAL E | EQUIPMENT | Line |
| (In Service) (In MVa) | In Service | Transform | | Type of Equi | pment | Number of Units | Total Capacity | No. |
| (f) | (g) | (h) | | (i) | | (j) | (In MVa) (k) | |
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| 2006 Tareformers 100 | Name of Respondent | | This | Rep | ort | ls: Original | Date of Re | port | | ar/Period of Repor | |
|--|---------------------------|-------------------|--------------|-------|------|------------------------|-----------------|--------------|---------|--------------------|------|
| S. Show in columns (h. (i), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing canaly. 8. Designate substations or major items of equipment leased from others, brintly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of leased, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (in Service) Number of Transformers (p) Number of Market (in Service) (in MWa) Number of Market (in Mwa) Number of Mwa) Number of Mwa) Number of Mwa) Number of Mwa) Number | Duke Energy Carolinas, LL | С | (1) | | A F | Resubmission | | | End | d of2016/Q4 | |
| Increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated under than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (in Service) (in M/vs) (i | 5 01 | (*) | | | | ` , | | | | *** | |
| reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and provided flease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation Number of Transformers in Service (g) | increasing capacity. | | | | | • | | | | | |
| period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give nam of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amount and account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (In Service) Number of Transformers (In Service) (In MVa) Service (In Service) (In MVa) Transformers | | | | | | | | | | | |
| of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and account affected in respondent's books of account. Specify in each case whether elessor, co-owner, or other party is an associated company. Capacity of Substation (In Service) (In MVs) | | | | | | | | | | | |
| Number of Transformers in Service (in Miva) (in Service) (in Miva) (in Service) (in Miva) (in Service) (in Miva) (in Service) (in Miva) (in Service) (in Miva) (in M | | | | | | | | | | | |
| Transformery in Service Spare Transformery in Service (h) | affected in respondent's | books of account. | Specify in e | eacl | h ca | ase whether lessor, co | o-owner, or oth | er party is | an asso | ociated company | у. |
| Transformery in Service Spare Transformery in Service (h) | | | | | | | | | | | |
| Transformery in Service Spare Transformery in Service (h) | | | | | | | | | | | |
| Type of Equipment Number of Units Total Capacity Number of Units | Capacity of Substation | | | | | CONVERSI | ON APPARATU | JS AND SPE | CIAL E | QUIPMENT | Line |
| (f) (g) (h) (i) (j) (limited) 3 | | | | | ·c | Type of Equ | ipment | Number o | f Units | Total Capacity | No. |
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| Name of Respondent | | This | Repo | ort Is | S: Original | Date of Re | port | | ar/Period of Repor | |
|--|----------------------------|--------------------|-------|--------|----------------------|--------------------------|-------------|---------|----------------------|--|
| Duke Energy Carolinas, LL | .C | (1) | | A Re | Original esubmission | (Mo, Da, Y 04/13/2017 | | End | of 2016/Q4 | • |
| F. Chave in calcumna (I) | (i) and (k) anasial a | | | | TATIONS (Continued) | titione conde | | | viliam ram vinoma am | |
| 5. Show in columns (I), increasing capacity. | | | | | • | | | | | |
| 6. Designate substation | | | | | | | | | | |
| reason of sole ownership period of lease, and ann | | | | | | | | | | |
| of co-owner or other part | | | | | | | | | | |
| affected in respondent's | | | | | | | | | | |
| | books of doodding. | opoony m o | u 011 | 000 | , | owner, or our | or party to | un 4000 | olatoa oompany | , - |
| | | | | | | | | | | |
| Capacity of Substation | Number of | Numbe | | | CONVERSI | ON APPARATU | IS AND SPE | CIAL E | QUIPMENT | Line |
| (In Service) (In MVa) | Transformers In Service | Spare Transforr | | | Type of Equi | pment | Number o | f Units | Total Capacity | No. |
| (f) | (g) | (h) | | | (i) | | (j) | | (In MVa) (k) | |
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| Name of Respondent | | This | Repo | rt Is: .n Original | Date of Re (Mo, Da, Y | port | Year/Period of Repor | |
|---|-----------------------|--------------|-------|---------------------------|--------------------------|------------------|----------------------|----------|
| Duke Energy Carolinas, LL | С | (1) | ΠA | Resubmission | 04/13/2017 | | End of2016/Q4 | <u>-</u> |
| 5 01 | (*) | | | BSTATIONS (Continued) | | | 1 | |
| 5. Show in columns (I), increasing capacity.6. Designate substations | s or major items of e | equipment I | ease | d from others, jointly ov | vned with othe | rs, or operated | d otherwise than by | , |
| reason of sole ownership | | | | | | | | |
| period of lease, and ann | | | | | | | | |
| of co-owner or other part | | | | | | | | |
| affected in respondent's | books of account. | specify in e | ach d | case whether lessor, co | -owner, or oth | er party is an a | associated company | у. |
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| Capacity of Substation | Number of | Numbe | r of | CONVERSI | ON APPARATI | JS AND SPECIA | I FOUIPMENT | Line |
| (In Service) (In MVa) | Transformers | Spare | | Type of Equi | | Number of Un | | - No. |
| | In Service | Transforr | ners | | p | | (In MVa) | |
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| Name of Respondent | | This | Repo | ort I | s: Original | Date of Re (Mo, Da, Y | port | | r/Period of Repor | |
|--|---------------------------|---------------|------|-------|------------------------|--------------------------|-------------|---------|-------------------|--|
| Duke Energy Carolinas, LL | С | (1) | | A R | esubmission | 04/13/2017 | | End | l of2016/Q4 | • |
| 5 01 | (*) | | | | TATIONS (Continued) | | | | | |
| 5. Show in columns (I), (increasing capacity.6. Designate substations | | | | | • | | | | | |
| reason of sole ownership | | | | | | | | | | |
| period of lease, and anni | ual rent. For any รเ | ubstation or | equ | iipm | nent operated other th | nan by reason | of sole ow | nership | or lease, give n | ame |
| of co-owner or other part | | | | | | | | | | |
| affected in respondent's | books of account. | Specify in e | ach | cas | se whether lessor, co- | -owner, or oth | er party is | an asso | ciated company | / . |
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| Capacity of Substation | Number of Transformers | Numbe Spar | | | CONVERSI | ON APPARATL | JS AND SPE | CIAL E | QUIPMENT | Line |
| (In Service) (In MVa) | In Service | Transforr | | | Type of Equi | pment | Number o | f Units | Total Capacity | No. |
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| Î. | | (1) | Repoi | Original | Date of Re (Mo, Da, Y | r) | Year/Period of Rep | |
|---|--|---------------------------|--------------|--|--------------------------------|-------------------|---|------------------|
| Duke Energy Carolinas, LL | .C | (1) | ΠA | Resubmission | 04/13/2017 | | End of2016/ | Q4 |
| F. Chavein calumana (I) | (i) and (k) anasial a | | | STATIONS (Continued) | atificus assadas | | d accidiant ancien | |
| 5. Show in columns (I), increasing capacity.6. Designate substation reason of sole ownership | s or major items of e | equipment I | ease | I from others, jointly or | wned with othe | rs, or operated | d otherwise than | by |
| period of lease, and ann of co-owner or other par affected in respondent's | ual rent. For any su ty, explain basis of s | bstation or haring exp | equi ense | ment operated other to or other accounting b | han by reason etween the pa | of sole owners | ship or lease, give e amounts and ac | e name counts |
| anected in respondents | books of account. | Specify in C | acii | ase whether lessor, et | -owner, or our | ci party is air o | associated compe | arry. |
| Capacity of Substation | Number of | Numbe | | CONVERS | ION APPARATU | JS AND SPECIA | AL EQUIPMENT | Line |
| (In Service) (In MVa) | Transformers In Service | Spare Transforr | | Type of Equ | ipment | Number of Ur | (In MVa) | ty No. |
| (f) 3 | (g) | (h) | | (i) | | (j) | (k) | |
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| Name of Respondent | | This | Repo | ort Is | i: Ariginal | Date of Re | port | | r/Period of Repor | |
|---|---------------------------|---------------|------|--------|-------------------------|--------------------------|-------------|---------|----------------------------|--|
| Duke Energy Carolinas, LL | .C | (1) | | A Re | Original esubmission | (Mo, Da, Y 04/13/2017 | | End | l of2016/Q4 | • |
| 5 01 | (*) | | | | ATIONS (Continued) | | | | | |
| 5. Show in columns (I), increasing capacity.6. Designate substations | | | | | • | | | | | |
| reason of sole ownership | | | | | | | | | | |
| period of lease, and ann | | | | | | | | | | |
| of co-owner or other part | | | | | | | | | | |
| affected in respondent's | books of account. | Specify in e | ach | cas | e whether lessor, co- | -owner, or oth | er party is | an asso | ciated company | /. |
| | | | | | | | | | | |
| | Niverban of | NI. was la a | | | | | | | | |
| Capacity of Substation | Number of Transformers | Numbe Spar | | | | ON APPARATU | | | | Line |
| (In Service) (In MVa) | In Service | Transforr | | | Type of Equip | pment | Number o | f Units | Total Capacity (In MVa) | No. |
| (f) | (g) | (h) | | | (i) | | (j) | | (k) | |
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| Name of Respondent | | This R | Report Is | S: Original | Date of Re | port | | ar/Period of Repor | |
|---|----------------------------|--------------------|-----------|------------------------------------|--------------------------|---------------|---------|--------------------|----------|
| Duke Energy Carolinas, LL | .C | (1) (2) | A Re | esubmission FATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | End | d of2016/Q4 | - |
| 5. Show in columns (I), | (i) and (k) angoint of | auinment ei | | ` ' | tifioro condor | noro ete d | and ou | vilian, aquinman | at for |
| increasing capacity. 6. Designate substation | s or major items of e | quipment le | eased f | rom others, jointly ow | ned with othe | rs, or opera | ted ot | nerwise than by | |
| reason of sole ownership | | | | | | | | | |
| period of lease, and ann | | | | | | | | | |
| of co-owner or other par | | | | | | | | | |
| affected in respondent's | books of account. | specity in ea | icn cas | e wnetner lessor, co- | -owner, or oth | er party is a | in asso | ociated company | /. |
| Capacity of Substation | Number of | Number | | CONVERSION | ON APPARATU | IS AND SPE | CIAL E | QUIPMENT | Line |
| (In Service) (In MVa) | Transformers In Service | Spare Transform | | Type of Equi | pment | Number of | Units | Total Capacity | No. |
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| Name of Respondent | | | Report Is | | Date of Re | port | | ar/Period of Report | |
|--|----------------------------|--------------------|-----------|---------------------------------|--------------------------|-----------------|--------|---------------------|--------|
| Duke Energy Carolinas, LL | .C | (1) | A Re | esubmission TATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | End | d of2016/Q4 | • |
| 5. Show in columns (I), | (i) and (k) enocial o | auinmont c | | , , | tifiore condor | score oto a | nd au | vilian, oguinmon | at for |
| increasing capacity. 6. Designate substation reason of sole ownership | s or major items of e | equipment I | eased f | rom others, jointly ow | ned with othe | rs, or operate | ed otl | herwise than by | |
| period of lease, and ann | | | | | | | | | |
| of co-owner or other par | | | | | | | | | |
| affected in respondent's | | | | | | | | | |
| anostoa in rooponiasiito | | opeo, e | | | | o. pa. ty 10 a. | . 0.00 | ociatoa company | |
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| Capacity of Substation | Number of | Numbe | | CONVERSI | ON APPARATU | S AND SPEC | IAL E | QUIPMENT | Line |
| (In Service) (In MVa) | Transformers In Service | Spare Transforr | | Type of Equi | oment | Number of U | Jnits | Total Capacity | No. |
| | | | ileis | | | | | (In MVa) | |
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| 400 | 1 | | | | | | | | 2 |
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| Name of Respondent | | This Re | port Is | s: Priginal | Date of Re | port | | ar/Period of Repor | |
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| Duke Energy Carolinas, LL | .C | (2) | A Re | esubmission ATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | End | d of2016/Q4 | • |
| E Chay in calumna (I) | (i) and (k) anasial a | | | | tifiara condon | acro etc. e | nd ou | wilian, aguinman | ot for |
| 5. Show in columns (I), increasing capacity.6. Designate substation | s or major items of e | equipment lea | sed fi | rom others, jointly ow | ned with othe | rs, or operat | ed otl | herwise than by | |
| reason of sole ownership | | | | | | | | | |
| period of lease, and ann | | | | | | | | | |
| of co-owner or other par | | | | | | | | | |
| affected in respondent's | books of account. | Specify in eac | h cas | e whether lessor, co- | owner, or oth | er party is ar | n asso | ociated company | /. |
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| Capacity of Substation | Number of Transformers | Number of Spare | Ť | CONVERSION | ON APPARATU | S AND SPEC | CIAL E | QUIPMENT | Line |
| (In Service) (In MVa) | In Service | Transforme | rs | Type of Equip | pment | Number of I | Units | Total Capacity | No. |
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| 420 | 1 | | | | STU | | | | 33 |
| 750 | 1 | | | | STU | | | | 34 |
| 760 | 1 | | | | STU | | | | 3 |
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| Name of Respondent | | This | Repo | rt Is: \n Origin | al | Date of Re | port | | ar/Period of Repor | |
|--|---|---------------|-------|---------------------|-------------------|--------------------------|----------------|--------|----------------------------|----------------|
| Duke Energy Carolinas, LL | С | (1) | ΠA | Resubr | mission | (Mo, Da, Y 04/13/2017 | | End | d of2016/Q4 | - |
| 5 01 : 1 (1) | //\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | | ONS (Continued) | | • | | | |
| 5. Show in columns (I), (increasing capacity.6. Designate substations | | | | | | | | | | |
| reason of sole ownership | | | | | | | | | | |
| period of lease, and annu | | | | | | | | | | |
| of co-owner or other part | | | | | | | | | | |
| affected in respondent's | books of account. | Specify in e | ach o | case wl | nether lessor, co | -owner, or oth | er party is ar | n asso | ociated company | у. |
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| Capacity of Substation | Number of Transformers | Numbe Spar | | | | ON APPARATU | i | | | Line |
| (In Service) (In MVa) | In Service | Transforr | | | Type of Equi | pment | Number of I | Units | Total Capacity (In MVa) | No. |
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| SUBSTATIONS (Continued) 5. Show in columns (I), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (In MVa) (g) Number of Spare Transformers In Service (g) (h) (i) (ii) (iii) (iiii) (iii) (iii) (iiii) (iii) (iiii) (iiiii) (iiii) (iiii) (iiii) (iiii) (iiiii) (iiiii) (iiiii) (iiiii) (iiiii) (iiiiii) (iiiii) (iiiiii) (iiiii) (iiiiii) (iiiiii) (iiiiiii) (iiiiii) (iiiiiii) (iiiiiii) (iiiiiiii | Name of Respondent | | This | Repo | ort Is | S: Original | Date of Re | port | | ar/Period of Repor | |
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| 6. Designate substation | s or major items of e | equipment l | eased f | rom others, jointly ow | ned with othe | rs, or operated | otherwise than by | |
| reason of sole ownership | | | | | | | | |
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| S. Show in columns (I), (I), and (k) special equipment such as rotary convertes, condensers, etc. and auxiliary equipment for increasing capacity. 6. Designate substations or major tiems of equipment leased from others, jointly owned with others, or operated otherwise than ty reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, date and period on one of the party, submitted and an affected in respondent. For any substation of converted other than by reason of sole ownership or lease, give name of lessor, date and period of lease, and annual rent. For any substation of converted other than by reason of sole ownership or lease, give name of lessor, give name of lease, give name of lessor, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, give na | Duke Energy Carolinas, LL | С | | A | Resubmission | | | d of2016/Q4 | • |
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| Name of Respondent | | | Rep | ort Is | : riginal | Date of Re | oort | | ar/Period of Repor | |
|--|-----------------------|--------------|-------|--------|-------------------------------|--------------------------|-------------|----------|--------------------|------------|
| Duke Energy Carolinas, LL | .C | (1) | | A Re | submission ATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | End | d of2016/Q4 | - |
| E Chay in columns (I) | (i) and (k) anasial a | auinmont a | | | , , | tifiara candar | ooro oto | and au | wilian (aguinman | at for |
| 5. Show in columns (I), increasing capacity.6. Designate substation | s or major items of e | equipment | leas | sed fr | om others, jointly ow | ned with othe | rs, or oper | ated otl | nerwise than by | |
| reason of sole ownership | | | | | | | | | | |
| period of lease, and ann | | | | | | | | | | |
| of co-owner or other par | | | | | | | | | | |
| affected in respondent's | books of account. | Specify in e | each | n cas | e whether lessor, co- | owner, or oth | er party is | an asso | ociated company | y . |
| | | | | | | | | | | |
| Conscitu of Substation | Number of | Numbe | er of | | CONVERSION | ON APPARATU | S AND SPE | CIAL F | OUIPMENT | Line |
| Capacity of Substation (In Service) (In MVa) | Transformers | Spar | | _ | Type of Equip | | Number o | | Total Capacity | No. |
| | In Service | Transfor | | s | | | | o o o o | (In MVa) | |
| (f) 4 | (g) | (h) | | | (i) | | (j) | | (k) | ١. |
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| 200 | 1 | | | | | | | | | 3 |
| 150 | 1 | | | | | | | | | 36 |
| 150 | 1 | | | | | | | | | 3 |
| 30 | 1 | | | | | | | | | 38 |
| 30 | 1 | | | | | | | | | 39 |
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| Name of Respondent | | This I | Report | ls: Original | Date of Re (Mo, Da, Y | eport | | ar/Period of Repor | |
|--|-----------------------|--------------|--------|-------------------------|--------------------------|----------------|---------|----------------------------|-------------|
| Duke Energy Carolinas, LL | С | (1) | □ A | Resubmission | 04/13/201 | | End | d of2016/Q4 | - |
| 5 01 : 1 (1) | //> 1/I) | | | STATIONS (Continued) | | | | | |
| 5. Show in columns (I), (increasing capacity.6. Designate substations | s or major items of e | equipment I | eased | from others, jointly ov | wned with othe | ers, or opera | ted oth | nerwise than by | |
| reason of sole ownership | | | | | | | | | |
| period of lease, and annu | | | | | | | | | |
| of co-owner or other part | | | | | | | | | |
| affected in respondent's | books of account. | Specify in e | ach c | ase whether lessor, co | o-owner, or oth | ier party is a | n asso | ociated company | /- |
| | | | | | | | | | |
| | Number of | Numbe | r of | CONVERS | ION APPARATI | IC AND CDE | CIAL E | OLUDMENT | Т |
| Capacity of Substation | Transformers | Spare | е | | | | | | Line No. |
| (In Service) (In MVa) | In Service | Transforr | ners | Type of Equ | ipment | Number of | Units | Total Capacity (In MVa) | INO. |
| (f) | (g) | (h) | | (i) | | (j) | | (k) | |
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| 12 | 1 | | | | | | | | 30 |
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| Name of Respondent | | This | Repor | : ls: ı Original | Date of Re (Mo, Da, Y | port | | ar/Period of Report | |
|--|---------------------------|---------------------------|-------|---------------------------|--------------------------|---------------|---------|-----------------------------------|-------|
| Duke Energy Carolinas, LL | .C | (1) | ΠA | Resubmission | 04/13/2017 | | End | d of2016/Q4 | |
| E Chow in columns (I) | (i) and (k) ansaial a | auinment e | | STATIONS (Continued) | otificro condo | noro oto o | and ou | wilian, aguinman | t for |
| 5. Show in columns (I), increasing capacity.6. Designate substation | s or major items of e | equipment I | ease | I from others, jointly ov | wned with othe | ers, or opera | ted otl | nerwise than by | |
| reason of sole ownership period of lease, and ann of co-owner or other par | ual rent. For any su | ıbstation or | equip | ment operated other t | han by reason | of sole own | ership | or lease, give n | ame |
| affected in respondent's | | | | | | | | | |
| Capacity of Substation | Number of Transformers | Numbe | | CONVERS | ION APPARATU | JS AND SPE | CIAL E | QUIPMENT | Line |
| (In Service) (In MVa) (f) | In Service (g) | Spare Transforr (h) | | Type of Equ | ipment | Number of (j) | Units | Total Capacity (In MVa) (k) | No. |
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| 12 | 1 | | | | | | | | 13 |
| 400 | 1 | | | | | | | | 14 |
| 270 | 1 | | | | | | | | 1: |
| 448 | 1 | | | | | | | | 10 |
| 12 | 1 | | | | 0110 | | | 0.450 | 1 |
| 9 | 1 | | | | GND | | 1 | 9,156 | 19 |
| 270 | 1 | | | | SS | | | | 20 |
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| 19 | 1 | | | | GND | | 1 | 19,120 | 2 |
| 19 | 1 | | | | GND | | 1 | 19,120 |) 20 |
| | 1 | | | | SS | | | | 2 |
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| 8 | 1 | | | | | | | | 3 |
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| 27 | 1 | | | | | | | | 40 |
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| | | | | <u> </u> | | <u> </u> | | <u> </u> | |

| Name of Respondent | | This F | Rep | ort I | s: Original | Date of Re (Mo, Da, Y | port | | ar/Period of Report | |
|--|------------------------|--------------|------|-------|------------------------|--------------------------|-------------|---------|---------------------|-------------|
| Duke Energy Carolinas, LL | С | (1) | | A R | esubmission | 04/13/2017 | | End | d of2016/Q4 | |
| F. Chour in columns (I) | (i) and (k) anasial ar | uinmont o | | | TATIONS (Continued) | tificro condor | nooro oto | and au | wilian, aguinman | ot for |
| 5. Show in columns (I), (increasing capacity.6. Designate substations | | | | | • | | | | | |
| reason of sole ownership | | | | | | | | | | |
| period of lease, and annu | ual rent. For any sul | bstation or | equ | ıipn | nent operated other th | nan by reason | of sole ow | nership | or lease, give n | ame |
| of co-owner or other part | | | | | | | | | | |
| affected in respondent's | books of account. S | Specify in e | ach | cas | se whether lessor, co- | -owner, or oth | er party is | an asso | ociated company | /. |
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| O a manaith and O albadadian | Number of | Number | r of | | CONVERSION | ON APPARATU | IS AND SPE | CIAL F | OLUPMENT | T |
| Capacity of Substation (In Service) (In MVa) | Transformers | Spare | Э | | Type of Equi | | Number o | | Total Capacity | Line No. |
| | In Service | Transforn | ners | | 1 | pinent | | Ollito | (In MVa) | |
| (f) | (g) | (h) | | | (i) | | (j) | | (k) | |
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| 30 | 1 | | | | | | | | | 19 |
| 10 | 1 | | | | | | | | | 20 |
| 11 | 1 | | | | | | | | | 2 |
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| 448 | 1 | | | | | | | | | 2 |
| 400 | 1 | | | | | | | | | 24 |
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| 333 | 1 | | | | | | | | | 28 |
| 373 | 1 | | | | | | | | | 29 |
| 19 | 1 | | | | | GND | | 1 | 19,120 | |
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| 33 | 1 | | | | | RAC | | | | 3: |
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| Name of Respondent | | This I | Repor | t Is: n Original | Date of Re (Mo, Da, Y | r\ | ar/Period of Repor | |
|--|--------------------------|-------------|-------|---------------------------|--------------------------|--------------------|--------------------|-------------|
| Duke Energy Carolinas, LL | _C | (2) | ΠA | Resubmission | 04/13/2017 | | d of2016/Q4 | • |
| E Chow in columns (I) | (i) and (k) anasial age | uinmont o | | STATIONS (Continued) | rtificro condor | nooro oto ond o | wiliany aguinman | at for |
| 5. Show in columns (I), increasing capacity. | (j), and (k) special eqi | uipment s | uch a | s rotary converters, rec | ctifiers, conder | nsers, etc. and au | ıxılıary equipmer | it for |
| 6. Designate substation | s or major items of eq | uipment l | ease | d from others, jointly ov | ned with othe | rs, or operated ot | herwise than by | |
| reason of sole ownershi | p by the respondent. | For any s | ubsta | tion or equipment oper | ated under lea | ase, give name of | lessor, date and | |
| period of lease, and ann | | | | | | | | |
| of co-owner or other par | | | | | | | | |
| affected in respondent's | books of account. Sp | pecify in e | ach c | ase whether lessor, co | -owner, or oth | er party is an ass | ociated company | /. |
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| | Number of | Numbei | r of | CONVERSI | | JS AND SPECIAL E | OLUDMENT | Т |
| Capacity of Substation (In Service) (In MVa) | Transformers | Spare | Э | Type of Equi | | I | Total Capacity | Line No. |
| | In Service | Transforn | ners | | priierit | Number of Units | (In MVa) | 100. |
| (f) | (g) | (h) | | (i) | | (j) | (k) | ₩. |
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| 9 | 1 | | | | GND | , | 9,156 | 34 |
| 1 | 1 | | | | SS | | , , , | 35 |
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| Duke Entropy Carolinas, LLC | Name of Respondent | | This F | Report | ls: Original | Date of Re (Mo, Da, Y | r\ | ear/Period of Repor | |
|--|---------------------------|-------------------------|--------------|---------|-------------------------|--------------------------|-------------------|---------------------|--------------|
| 5. Show in columns (I)(, i), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity. 6. Designate substations or major items of equipment leased from others, including a conversity of the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment of period other than by reason of sole ownership or lease, give name of lessor, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party special state accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party shall save as a section of the party shall be an accounting between the parties, and state amounts and accounts affected in respondent by an associated company. Capacity of Substation (In May) In Mumber of Transformers in respondents between the parties, and state amounts and accounts affected in respondents between the parties of t | Duke Energy Carolinas, LL | .C | l l | □ A F | Resubmission | | | and of2016/Q4 | - |
| Increasing capacity. | 5 Show in columns (I) | (i) and (k) special eq | uinment si | | , , | ctifiers conder | seers etc. and | auviliary equipmer | nt for |
| 6. Designate substations or major items of equipment leased from others, in others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of l | 1 | (j), and (k) special eq | uipineni si | ucii as | Totaly converters, rec | cuilers, condei | isers, etc. and | auxiliary equipmei | IL IOI |
| reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated durb mab by reason of sole ownership or less or generated from the high yeapson of sole ownership or less one or substation of respondent's books of account. Specify in each case whether lessor, co-owner, or other party, san associated common of specific methods of the state of the specific methods of the | | s or maior items of ed | guipment le | eased | from others, jointly ov | vned with othe | rs. or operated | otherwise than by | |
| of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (in Service) (in MYa) Number of Transformers in Service Number of Transformers (in Service) Number of Transformers (in Service) Number of Transformers (in Service) CONVERSION APPARATUS AND SPECIAL EQUIPMENT In Intell Capacity (in MYa) No. (1) 4 1 | | | | | | | | | |
| Applicated in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. | | | | | | | | | |
| Capacity of Substation (in Service) (in Miva) (in Mi | | | | | | | | | |
| Transformers Sapare Transformers Sapare Transformers In Service (g) | affected in respondent's | books of account. Sp | pecify in ea | ach ca | ise whether lessor, co | o-owner, or oth | er party is an as | sociated company | у. |
| Transformers Sapare Transformers Sapare Transformers Sapare Transformers Transfo | | | | | | | | | |
| Transformers Sapare Transformers Sapare Transformers In Service (g) | 0 " (0) () | Number of | Number | · of | CONVERS | ION ADDADATI | IS AND SDECIAL | EOLIDMENT | Т |
| (b) (g) (h) (i) (j) (k) (k) (k) (k) (k) (k) (k) (k) (k) (k | | Transformers | Spare |) | | | I | | _ |
| A | | | | ners | | іртіеті | | (In MVa) | INO. |
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| Duke Energy Carolinas, LL | С | (1) | □ A I | Original Resubmission | (Mo, Da, Y 04/13/2017 | | End of2016/0 | <u> </u> |
| 5 01 | (2) | | | STATIONS (Continued) | . (************************************ | | | |
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| increasing capacity. 6. Designate substations or reason of sole ownership by the period of lease, and annual respondent of co-owner or other party, exaffected in respondent's book. Capacity of Substation (In Service) (In MVa) (f) 2 2 2 11 20 2 11 10 10 15 15 12 20 | major items of e | quipment s | | | A FIONS (Confinued) | | | | |
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| 5. Show in columns (I), (I), and (Iv) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity. 6. Designate substallors or major items of equipment leased from others, including a converted color where the production of the respondent. For any substallor or equipment operated under lease, give name of lesson, date and period of lease, and annual rent. For any substallor or equipment operated under lease, give name of lesson, date and period of lease, and annual rent. For any substallor or equipment operated under lease, give name of lesson, date and period of lease, and annual rent. For any substallor or equipment operated other than by reason of sole ownership or lease, give name of lesson, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party, explaints and associated company. Capacity of Substation (In) Number of Transformers (In) Number of Transformers (In) Number of Transformers (In) Type of Equipment (In) Total Capacity (In) Number of India Capacity (In) 1.0 | Duke Energy Carolinas, LL | _C | l l | □ A | Resubmission | | | End of2016/Q4 | - |
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| 6. Designate substation | | | | | | | | | |
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| affected in respondent's | | | | | | | | |
| ancolod in respondents | books of account. | pecity in c | acii ce | ise whether lesson, co | -owner, or our | ci party is air as. | sociated company | , - |
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| Capacity of Substation | Number of | Numbe | r of | CONVERSI | ON APPARATI | JS AND SPECIAL | FQUIPMENT | Line |
| (In Service) (In MVa) | Transformers | Spare | | Type of Equi | | Number of Units | | No. |
| | In Service | Transforr | ners | | pinone | | (In MVa) | |
| (f) | (g) | (h) | | (i) | | (j) | (k) | <u> </u> |
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| Duke Energy Carolinas, LLC (3) ENA Original (Mo, Da, Yr) (and of 201 (Mo, Da, Yr) (and 1920)? SUBSTATIONS (Continued) 5. Show in columns (I), (I), and (k) special equipment leased from others, jointly owned with others, or operated otherwise that reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date proid of lease, and annual rent. For any substation or equipment operated under lease, give name of lessor, date proid of lease, and annual rent. For any substation or equipment operated other has by reason of sole ownership or lease, give name of lessor, date of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and affected in respondent's books of account. Specify in ease whether lessor, co-owner, or other party is an associated affected in respondent's books of account. Specify in ease whether lessor, co-owner, or other party is an associated with the service of the service | eport |
|--|----------|
| 5. Show in columns (i) (ji), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipmental increasing papers). 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise that exacon of sole ownership by the respondent. For any substation or equipment operated other than by reason of sole ownership by the respondent. For any substation or equipment operated other than by reason of sole ownership or lease, given a consideration of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, given a consideration of the parties, and state amounts and affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated comments and affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated comments of the parties of the parties of the parties and state amounts and affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated comments of the parties of the parties of the parties and the parties of the party is an associated comments of the parties | 6/Q4 |
| increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise that reason of sole ownership by the respondent. For any substation or equipment operated duried lease, give name of lessor, date reason of sole ownership by the respondent. For any substation or equipment operated other than by reason of sole ownership or lease, go of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated con the control of the c | |
| reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, and annual rem. For any substation or equipment operated under lease, give name of lessor, and annual rem. For any substation or equipment operated under than by reason of sole owners or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated com (In Service) (In MVa) Capacity of Substation (In Service) Number of Transformers Number of Transformers Transformers Transformers Transformers Type of Equipment Number of Units Total Capacity (In MVa) (In MV | |
| period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, or of-owner or other party, explain bass of sharing expenses or other accounting between the parties, and state amounts and affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated community of transformers in Service) (in MVe) (g) 1 Number of Transformers in Service) (in MVe) (g) 1 CONVERSION APPARATUS AND SPECIAL EQUIPMENT Type of Equipment Number of Units (in MVa) (i | |
| of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated com affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated com (in Service) (in MVra) Capacity of Substation (in Service) Number of Transformers In Service (g) Number of In Service (h) Number of Units Total Capa (h) (k) | |
| affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated com fransformers in Service (in MVa) (f) (g) (h) (h) (i) (ii) (iii) (i | |
| Capacity of Substation (In Service) (In MVa) | |
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| Transformers Sapre Type of Equipment Number of Units Total Caps Sapre Sapr | |
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| Name of Respondent | | | Report Is | | Date of Re | r\ | ar/Period of Report | |
|--|---------------------------|-----------------|-----------|----------------------------------|--------------------------|---------------------|----------------------------|------------|
| Duke Energy Carolinas, LL | .C | (1) | _ | esubmission FATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | d of2016/Q4 | |
| 5 Show in columns (I) | (i) and (k) special of | quinmont eu | | , , , | tifiors condor | secre ata and au | vilian, oguinmon | t for |
| 5. Show in columns (I), increasing capacity. | (j), and (k) special e | quipment st | ich as | rotary conveners, red | diners, conder | isers, etc. and au | ixiliary equipmen | it ior |
| 6. Designate substation | s or maior items of e | eauipment le | eased f | rom others, jointly ow | ned with othe | rs. or operated ot | herwise than by | |
| reason of sole ownership | | | | | | | | |
| period of lease, and ann | | | | | | | | |
| of co-owner or other par | | | | | | | | |
| affected in respondent's | books of account. S | Specify in ea | ach cas | se whether lessor, co- | owner, or oth | er party is an asso | ociated company | ′ . |
| | | | | | | | | |
| | Nombra | Ni | - 6 | T | | | | |
| Capacity of Substation | Number of Transformers | Number Spare | | | | S AND SPECIAL E | | Line |
| (In Service) (In MVa) | In Service | Transform | | Type of Equip | oment | Number of Units | Total Capacity (In MVa) | No. |
| (f) | (g) | (h) | | (i) | | (j) | (k) | |
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| Name of Respondent | | This Report | Original | Date of Re | r\ | ear/Period of Repor | |
|---|---------------------------|------------------------------------|--------------------------|---------------------------------------|--------------------------------|---------------------------------------|--------------|
| Duke Energy Carolinas, LLC | C | (2) A I | Original Resubmission | (Mo, Da, Y 04/13/2017 | | and of2016/Q4 | <u>4</u> |
| 5 Oh | (2) | | STATIONS (Continued) | · · · · · · · · · · · · · · · · · · · | | | |
| 5. Show in columns (I), (increasing capacity.6. Designate substations reason of sole ownership period of lease, and annuments. | s or major items of e | equipment leased For any substa | from others, jointly ov | vned with othe rated under lea | rs, or operated ase, give name | otherwise than by of lessor, date and | , d |
| of co-owner or other part affected in respondent's l | y, explain basis of s | haring expenses | or other accounting be | etween the pa | rties, and state | amounts and acco | ounts |
| | | | 1 | | | | |
| Capacity of Substation | Number of Transformers | Number of Spare | | | IS AND SPECIAL | | Line No. |
| (In Service) (In MVa) | In Service | Transformers | Type of Equi | pment | Number of Unit | (In MVa) | INU |
| (f) 6 | (g) 1 | (h) | (i) | | (j) | (k) | |
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| Name of Respondent | | This (1) | Repo | t Is: n Original | Date of Re (Mo, Da, Y | port | | ar/Period of Report | |
|--|------------------------|--------------|-------|------------------------------------|--------------------------|----------------|-------|---------------------|----------------|
| Duke Energy Carolinas, LL | _C | (2) | ΠA | Resubmission SSTATIONS (Continued) | 04/13/2017 | | End | 1 of | |
| 5 Chow in columns (I) | (i) and (k) angoint or | auinmont o | | , , | otifioro condor | nooro oto o | ad au | viliany aguinman | t for |
| 5. Show in columns (I), increasing capacity. | (j), and (k) special e | quipment s | ucn a | is rotary converters, re | ctitiers, conder | isers, etc. ai | na au | xillary equipmen | it for |
| 6. Designate substation | | | | | | | | | |
| reason of sole ownership | | | | | | | | | |
| period of lease, and ann | | | | | | | | | |
| of co-owner or other par | | | | | | | | | |
| affected in respondent's | books of account. S | Specify in e | ach o | ase whether lessor, co | o-owner, or oth | er party is an | asso | ociated company | ' . |
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| On a situat Outstation | Number of | Numbe | r of | CONVERS | ION APPARATU | IS AND SPEC | ΙΔΙ Ε | OLIIPMENT | 1 |
| Capacity of Substation (In Service) (In MVa) | Transformers | Spare | е | Type of Equ | | Number of L | | Total Capacity | Line No. |
| | In Service | Transforr | mers | | ipinient | | mis | (In MVa) | 140. |
| (f) | (g) | (h) | | (i) | | (j) | | (k) | . |
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| 29 | 1 | | | | GND | | 1 | 28,672 | 2 |
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| Name of Respondent | | This F | Report | ls: Original | Date of Re | port | | ar/Period of Repor | |
|---------------------------|---------------------------|-----------------|--------|--|--------------------------|--------------|----------|----------------------------|--------|
| Duke Energy Carolinas, LL | .C | (1) | ☐A F | Original Resubmission STATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | End | d of2016/Q4 | • |
| 5. Show in columns (I), | (i) and (k) anasial a | auinment a | | , , | atificro condor | nooro oto | and au | viliary oguinmor | at for |
| increasing capacity. | (j), and (k) special e | quipment si | ucn as | rotary conveners, rec | cullers, conder | isers, etc. | and au | ixiliary equipmer | IL IOI |
| 6. Designate substation | s or major items of e | equipment l | eased | from others, jointly ov | vned with othe | rs, or opera | ated otl | nerwise than by | |
| reason of sole ownership | | | | | | | | | |
| period of lease, and ann | | | | | | | | | |
| of co-owner or other par | | | | | | | | | |
| affected in respondent's | books of account. S | Specify in e | ach ca | ase whether lessor, co | -owner, or oth | er party is | an asso | ociated company | /. |
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| Capacity of Substation | Number of Transformers | Number Spare | | | ON APPARATU | IS AND SPE | ECIAL E | | Line |
| (In Service) (In MVa) | In Service | Transforn | | Type of Equi | pment | Number o | f Units | Total Capacity (In MVa) | No. |
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| Name of Respondent | | This I | Rep | ort | ls: Original | Date of Re | port | | ar/Period of Report | |
|---|---|------------------------|-----------|-------------|---|--------------------------------|----------------------------|------------------|-----------------------------------|-------------|
| Duke Energy Carolinas, LL | С | (1) | | ΑF | Original Resubmission | (Mo, Da, Y 04/13/2017 | | End | of 2016/Q4 | |
| F. Chavein calumna (I) | (i) and (k) anasial a | | | | STATIONS (Continued) | atificus condo | | | viliam (a su liama a s | |
| 5. Show in columns (I), (increasing capacity.6. Designate substations reason of sole ownership | s or major items of e | quipment l | eas | sed | from others, jointly ov | wned with othe | rs, or operat | ed otl | nerwise than by | |
| period of lease, and annu of co-owner or other part | ual rent. For any su y, explain basis of s | bstation or haring exp | eq ens | uipi ses | ment operated other to or other accounting b | han by reason etween the pa | of sole ownerties, and sta | ership ite an | or lease, give nounts and accord | ame unts |
| affected in respondent's | books of account. S | Specify in e | ach | n ca | ase whether lessor, co | o-owner, or oth | er party is ar | n asso | ociated company | <i>'</i> . |
| Capacity of Substation | Number of Transformers | Number Spare | | | | ION APPARATU | i | | | Line |
| (In Service) (In MVa) (f) | In Service (g) | Transforn (h) | | S | Type of Equ | ipment | Number of U | Jnits | Total Capacity (In MVa) (k) | No. |
| 20 | 1 | • | | | , , | | • | | , , | |
| 12 | 1 | | | | | | | | | |
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| 200 | 1 | | | | | | | | | 2 |
| 200 | 1 | | | | | | | | | 2 |
| 10 | 1 | | | | | GND | | 1 | 9,561 | 2 |
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| 11 | 1 | | | | | | | | | 33 |
| 11 | 1 | | | | | | | | | 34 |
| 22 | 1 | | | | | | | | | 3 |
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| Name of Respondent | | This R | eport Is X An C | S: Original | Date of Re | port | | ar/Period of Repor | |
|---|-----------------------|---------------|--------------------|----------------------------------|--------------------------|---------------|----------|----------------------------|----------------|
| Duke Energy Carolinas, LL | .C | (2) | A Re | esubmission FATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | End | d of2016/Q4 | - |
| 5. Show in columns (I), | (i) and (k) anasial a | | | , , , | tifioro condor | nooro oto | and au | vilian, oguinmon | at for |
| increasing capacity. 6. Designate substation | s or major items of e | equipment le | ased f | rom others, jointly ow | ned with othe | rs, or opera | ated otl | nerwise than by | |
| reason of sole ownership | | | | | | | | | |
| period of lease, and ann | | | | | | | | | |
| of co-owner or other par | | | | | | | | | |
| affected in respondent's | books of account. | Specify in ea | ch cas | se whether lessor, co- | owner, or oth | er party is a | an asso | ociated company | / . |
| | | | | | | | | | |
| | Number of | Number | of | 00011/5001 | | IO AND ODE | -0141 5 | OLUDATAT | 1 |
| Capacity of Substation | Transformers | Spare | UI | | ON APPARATU | | | | Line |
| (In Service) (In MVa) | In Service | Transforme | ers | Type of Equi | pment | Number o | f Units | Total Capacity (In MVa) | No. |
| (f) | (g) | (h) | | (i) | | (j) | | (k) | |
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| 30 | 1 | | | | | | | | 19 |
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| Duke Energy Carolinas, LLC (2) TA Resubmission O4132017 E10.01 E-0.00000000000000000000000000000000000 | Name of Respondent | | This I | Repor | ls: Original | Date of Re | port | | ar/Period of Repor | |
|--|--|-----------------------|-------------|-------|-------------------------|---|--------------|----------|--------------------|------|
| S. Show in columns (i) (i), and (ik) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lesser, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lesser, and state among a coowner or other party, explain basis of sharing expenses or other accounting between the parties, and state among and account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (in Miva) in Service (in Miva) in Service (in Miva) | Duke Energy Carolinas, LL | .C | | ΠA | Resubmission | | | End | of 2016/Q4 | • |
| increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and proto of lease, and annual rent. For any substation or equipment operated other hab by reason of sole ownership of sea, give name of lessor, date and of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (In Mine) (In Mine) (In Service) (In Mine) (In Mi | 5 01 | (2) | | | ` ' | . (************************************ | | | *** | |
| period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give nam of co-owner or other party, velidable basis of sharing expenses or other accounting between the parties, and state amounts and account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (In Service) Number of Transformers In Service (In Service) (In M/o) In Mumber of Transformers (In Service) (In M/o) In Mumber of Mumbe | increasing capacity. 6. Designate substations | s or major items of e | equipment I | ease | from others, jointly ov | vned with othe | rs, or opera | ated otl | nerwise than by | |
| Affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. | period of lease, and anni | ual rent. For any su | bstation or | equip | ment operated other t | han by reason | of sole own | nership | or lease, give n | ame |
| Transformes | | | | | | | | | | |
| Inservice (In Mive) Inservice Inse | Capacity of Substation | | | | CONVERS | ION APPARATU | JS AND SPE | CIAL E | QUIPMENT | Line |
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| Name of Respondent | | This I | Repo | ort I | S: Original | Date of Re | port | | ar/Period of Repor | |
|---|---------------------------|--------------------|------|-------|------------------------|--------------------------|--------------|----------|----------------------------|------|
| Duke Energy Carolinas, LL | С | (1) | | A Re | Original esubmission | (Mo, Da, Y 04/13/2017 | | End | d of2016/Q4 | • |
| F. Chavrin calumna (I) | (i) and (k) anasial a | | | | TATIONS (Continued) | titione conde | | and a | viliam, a muimma a m | |
| 5. Show in columns (I), increasing capacity.6. Designate substations | s or major items of e | equipment I | eas | ed f | rom others, jointly ow | ned with othe | rs, or opera | ated otl | nerwise than by | |
| reason of sole ownership period of lease, and annu | | | | | | | | | | |
| of co-owner or other part affected in respondent's | | | | | | | | | | |
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| Capacity of Substation | Number of Transformers | Numbe | | | CONVERSI | ON APPARATU | JS AND SPE | CIAL E | QUIPMENT | Line |
| (In Service) (In MVa) | In Service | Spare Transforr | | | Type of Equi | pment | Number o | f Units | Total Capacity (In MVa) | No. |
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| Name of Respondent | | This F | Report I: | S: Original | Date of Re | r\ | ar/Period of Repor | |
|---------------------------|---------------------------|-----------------|-----------|---|--------------------------|--------------------|----------------------------|--------|
| Duke Energy Carolinas, LL | .C | (1) | A R | esubmission TATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | d of2016/Q4 | |
| 5. Show in columns (I), | (i) and (k) anasial a | auinment a | | • | tifioro condor | acora oto and a | wiliany aquinman | ot for |
| increasing capacity. | (j), and (k) special e | quipment st | uch as | rotary conveners, rec | uners, conder | isers, etc. and at | axillary equipmer | ונ וטו |
| 6. Designate substation | s or major items of e | equipment le | eased f | rom others, jointly ow | ned with othe | rs, or operated of | herwise than by | |
| reason of sole ownership | | | | | | | | |
| period of lease, and ann | | | | | | | | |
| of co-owner or other par | | | | | | | | |
| affected in respondent's | books of account. S | Specify in ea | ach cas | se whether lessor, co- | owner, or oth | er party is an ass | ociated company | /. |
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| Capacity of Substation | Number of Transformers | Number Spare | | CONVERSION | ON APPARATL | IS AND SPECIAL E | | Line |
| (In Service) (In MVa) | In Service | Transform | | Type of Equi | oment | Number of Units | Total Capacity (In MVa) | No. |
| (f) | (g) | (h) | | (i) | | (j) | (iii wwa) | |
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| Capacity of Substation (In MVs) Capa | Name of Respondent | | This | Rep | ort I | S: Original | Date of Re | port | | ar/Period of Repor | |
|--|---------------------------|------------------------|--------------|------|-------|---------------------------------------|-----------------|--------------|----------|----------------------|-------------|
| 5. Show in columns (i), (i), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity. 6. Designate substations or major items of equipment leases from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated other than by reason of sole ownership or lease, give nam of cessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give nam of cessor, date and orco-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amontal account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (in MVa) Number of Transformers (in Service) (in MVa) Number of Transformers (in Service) (in MVa) Number of Transformers (in MV | Duke Energy Carolinas, LL | .C | | | ΑR | esubmission | | | End | d of2016/Q4 | • |
| increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership owner | F. Chavrin calumna (I) | (i) and (k) anasial a | | | | · · · · · · · · · · · · · · · · · · · | titione conde | | | viliam, a muimma a m | |
| 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lease | | (j), and (k) special e | quipment s | ucn | as | rotary converters, rec | titiers, conder | isers, etc. | and au | xillary equipmer | it for |
| reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or s | | s or major items of e | equipment l | leas | ed : | from others, jointly ow | ned with othe | rs. or opera | ated oth | nerwise than by | |
| period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give and occo-where or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (In Sworce In | | | | | | | | | | | |
| affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company. Capacity of Substation (In Switce) (In S | period of lease, and anni | ual rent. For any รเ | ıbstation or | equ | uipn | nent operated other th | nan by reason | of sole ow | nership | or lease, give n | name |
| Capacity of Substation (In Service) (In MVa) Transformers In Service (In MVa) (In | | | | | | | | | | | |
| Transformes | affected in respondent's | books of account. | Specify in e | ach | ca | se whether lessor, co | -owner, or oth | er party is | an asso | ociated company | /- |
| Transformes | | | | | | | | | | | |
| Transformes | One of Outstation | Number of | Numbe | r of | | CONVERSI | ΟΝ ΔΡΡΔΡΔΤΙ | IS AND SPE | CIAL F | OLUPMENT | T |
| (f) (g) (h) (j) (j) (j) (mWa) (k) (k) (k) (k) (k) (k) (k) (k) (k) (k | | Transformers | Spar | е | | | | 1 | | | Line No. |
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| Duke Energy Carolinas, LL | .C | (1) | A R | esubmission TATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | End | d of2016/Q4 | - |
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| of co-owner or other par | | | | | | | | | |
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| Name of Respondent | | This | Report | ls: Original | Date of Re (Mo, Da, Y | eport | | ar/Period of Repor | |
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| Duke Energy Carolinas, LL | .C | (1) | □ A I | Resubmission | 04/13/201 | | End | of 2016/Q4 | - |
| 5 01 : 1 (1) | <i>(</i>) | | | STATIONS (Continued) | | | | | |
| 5. Show in columns (I), increasing capacity.6. Designate substations | s or major items of | equipment I | eased | from others, jointly ov | wned with othe | ers, or opera | ated oth | nerwise than by | |
| reason of sole ownership period of lease, and annu | ual rent. For any รเ | ıbstation or | equip | ment operated other t | han by reason | of sole owr | nership | or lease, give n | name |
| of co-owner or other part affected in respondent's | | | | | | | | | |
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| 5. Show in columns (I), increasing capacity.6. Designate substation. | | | | • | | | | |
| reason of sole ownership | | | | | | | | |
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| of co-owner or other part | | | | | | | | |
| affected in respondent's | books of account. S | Specify in e | ach c | ase whether lessor, co | o-owner, or oth | er party is an a | ssociated company | у. |
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| Substation Capacity of Substation Capaci | Name of Respondent | | This F | Report Is | S: Original | Date of Re | port | | ar/Period of Repor | |
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| 5. Show in columns (I), (i), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity. 6. Designate substations or major items of equipment leased from others, ionity owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of leases, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of leases, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of leases, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of leases, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lease, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of lease, give name | Duke Energy Carolinas, LL | .C | | A Re | esubmission | | | End | d of2016/Q4 | • |
| increasing capacity. 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated under lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated common fin service (i) Capacity of Substation (in Service) (in Miva) Partial Service (| 5 Chow in columns (I) | (i) and (k) anasial a | auinment ei | | | tifioro condor | nooro oto o | nd ou | vilian, oguinmon | ot for |
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| period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give nature accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party, is an associated company. Capacity of Substation (In Service) Number of Transformers (In Service) Nu | | | | | | | | | | |
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| Name of Respondent | | | Report I | S: Original | Date of Re | port | | ar/Period of Repor | |
|---|----------------------------|--------------------------|----------|---|--------------------------|---------------|----------|-------------------------------------|--|
| Duke Energy Carolinas, LL | .C | (1) | | esubmission TATIONS (Continued) | (Mo, Da, Y 04/13/2017 | | End | d of2016/Q4 | • |
| 5. Show in columns (I), | (i) and (k) anasial a | auinmont o | | | tifiara aanda | acoro oto | and au | wilian (aguinman | at for |
| increasing capacity. 6. Designate substation reason of sole ownership | s or major items of e | equipment I For any s | eased t | from others, jointly ow on or equipment open | ned with othe | ers, or opera | ated otl | nerwise than by lessor, date and | I |
| period of lease, and ann | | | | | | | | | |
| of co-owner or other par | | | | | | | | | |
| affected in respondent's | books of account. | Specify in e | ach cas | se whether lessor, co- | -owner, or oth | er party is | an asso | ociated company | /. |
| | | | | | | | | | |
| Canacity of Substation | Number of | Numbe | r of | CONVERSI | ON APPARATI | IS AND SPE | CIAL F | OUIPMENT | Line |
| Capacity of Substation (In Service) (In MVa) | Transformers In Service | Spar Transforr | | Type of Equi | | Number o | | Total Capacity | No. |
| (f) | (g) | (h) | 11613 | (i) | • | (j) | | (In MVa) (k) | |
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| Name of Respondent | | This I | Repo | t Is: n Original | Date of Re (Mo, Da, Y | r\ | ear/Period of Repo | |
|---------------------------|-------------------------|--------------|-------|------------------------------------|--------------------------|-------------------|------------------------------|--------------|
| Duke Energy Carolinas, LL | .C | (2) | ΠA | Resubmission SSTATIONS (Continued) | 04/13/2017 | | End of 2016/Q | <u>4</u> |
| 5. Show in columns (I), | (i) and (k) special ed | quinment e | | · , | ctifiers conder | neare atc. and | auvilian, equipme | nt for |
| increasing capacity. | (j), and (k) special ed | quipinent s | ucii | is rotary conventers, re | cuilers, condei | isers, etc. and | auxiliary equipme | TIL IOI |
| 6. Designate substation | s or major items of e | quipment l | ease | d from others, jointly ov | vned with othe | rs, or operated | otherwise than by | / |
| reason of sole ownership | | | | | | | | |
| period of lease, and ann | | | | | | | | |
| of co-owner or other par | | | | | | | | |
| affected in respondent's | books of account. S | Specify in e | ach (| ase whether lessor, co | -owner, or oth | er party is an as | ssociated compan | ı y . |
| | | | | | | | | |
| | Number of | Numbei | r of | CONVERS | | JS AND SPECIAL | COLUDMENT | 1 |
| Capacity of Substation | Transformers | Spare | е | | | I | | Line No. |
| (In Service) (In MVa) | In Service | Transforn | ners | Type of Equ | ipment | Number of Unit | S Total Capacity (In MVa) | INO. |
| (f) | (g) | (h) | | (i) | | (j) | (k) | |
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| Name of Respondent | | This F | Report I | S: Original | Date of Re | r) | ar/Period of Repor | |
|--|---------------------------|-----------------|----------|-----------------------|--------------------------|---------------------|----------------------------|----------|
| Duke Energy Carolinas, LL | .C | (1) | | esubmission | (Mo, Da, Y 04/13/2017 | | d of2016/Q4 | • |
| E Chow in columns (I) | (i) and (k) anasial a | auinment a | | TATIONS (Continued) | rtificro condor | pages ata and au | wilion, og linmor | ot for |
| 5. Show in columns (I), increasing capacity.6. Designate substation | | | | • | | | | il ior |
| reason of sole ownership | by the respondent | . For any su | ubstatio | on or equipment oper | ated under lea | ase, give name of | lessor, date and | |
| period of lease, and ann | | | | | | | | |
| of co-owner or other par | | | | | | | | |
| affected in respondent's | DOOKS OF ACCOUNT. | Specity in ea | acn cas | se wnetner lessor, co | -owner, or oth | er party is an asso | ociated company | /. |
| Capacity of Substation | Number of Transformers | Number Spare | | CONVERSI | ON APPARATU | IS AND SPECIAL E | QUIPMENT | Line |
| (In Service) (In MVa) | In Service | Transform | | Type of Equi | pment | Number of Units | Total Capacity (In MVa) | No. |
| (f) | (g) | (h) | | (i) | | (j) | (III WVa) (k) | |
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| 1046 | 020 | | 119 | <u>'</u> | | 3 | 2 | 1: |
| 75462 | 1098 | | 63 | 1 | | 61 | 672 | . |
| 7 3402 | 1090 | | | <u>'</u> | | 01 | 072 | 1 |
| 16179 | 1461 | | 142 | , | | 10 | 59 | |
| 10110 | 1101 | | | | | | | 19 |
| 184400 | 5792 | | 531 | | | 145 | 731,598 | 3 20 |
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| 5684 | 965 | | | | | | | 2 |
| 2706 | 609 | | | | | | | 2: |
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| | e of Respondent | This Re | port Is: ∏An Original | Date of Report (Mo, Da, Yr) | 2010101 | | | | |
|----------------------|---|-----------------------------------|----------------------------|--|---|-------------|--|--|--|
| Duke | Energy Carolinas, LLC | (2) | A Resubmission | | | | | | |
| | TRANSA | CTIONS | WITH ASSOCIATED (AFFIL | IATED) COMPANIES | | | | | |
| 2. The an atte | . Report below the information called for concerning all non-power goods or services received from or provided to associated (affiliated) companies. The reporting threshold for reporting purposes is \$250,000. The threshold applies to the annual amount billed to the respondent or billed to an associated/affiliated company for non-power goods and services. The good or service must be specific in nature. Respondents should not attempt to include or aggregate amounts in a nonspecific category such as "general". Where amounts billed to or received from the associated (affiliated) company are based on an allocation process, explain in a footnote. | | | | | | | | |
| Line No. | Description of the Non-Power Good or Servi | Name Associated Comp (b) | /Affiliated any | Account Charged or Credited (c) | Amount Charged or Credited (d) | | | | |
| 1 | Non-power Goods or Services Provided by A | ffiliated | | | | | | | |
| 2 | Services provided by Duke Energy Business Ser | vices | Duke Energy Busin | ess Services, LLC | Various | 943,509,959 | | | |
| 3 | Goods and svcs provided by North/South Ins. Co |). | North/So | outh Insurance Co. | Various | 6,640,894 | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | Generation services | | Duke Ene | ergy Progress, Inc. | Various | 42,400,564 | | | |
| 7 | Transmission and Distribution services | | Duke Ene | ergy Progress, Inc. | Various | 21,049,639 | | | |
| 8 | Customer & Market services | | Duke Ene | ergy Progress, Inc. | Various | 3,645,058 | | | |
| 9 | Other goods and services | | | ergy Progress, Inc. | Various | 3,016,520 | | | |
| 10 | • | | | 5, 5, | 2 | -,, | | | |
| 11 | Generation services | | Duke F | nergy Florida, Inc. | Various | 823,839 | | | |
| 12 | Transmission and Distribution services | | | nergy Florida, Inc. | Various | 1,609,365 | | | |
| 13 | Customer & Market services | | | nergy Florida, Inc. | Various | 1,475,481 | | | |
| | Other goods and services | | | nergy Florida, Inc. | Various | 150,491 | | | |
| 14 | Other goods and services | | Duke L | nergy r londa, inc. | various | 150,491 | | | |
| 15 | Generation services | | Duko Er | nergy Indiana, Inc. | Various | 1,350,596 | | | |
| 16 | | | | - | | | | | |
| 17 | Transmission and Distribution services | | | nergy Indiana, Inc. | Various | 862,263 | | | |
| 18 | Customer & Market services | | | nergy Indiana, Inc. | Various | 40,665 | | | |
| 19 | Other goods and services | | Duke Er | nergy Indiana, Inc. | Various | 27,301 | | | |
| 20 | Non-power Goods or Services Provided for A | | | | | | | | |
| 21 | Services provided to DE Business Services, LLC | ; | Duke Energy Busir | ness Services LLC | Various | 21,377,129 | | | |
| 22 | | | | | | | | | |
| 23 | Generation services | | Duke Ene | ergy Progress, Inc. | Various | 356,556,146 | | | |
| 24 | Transmission and Distribution services | | | ergy Progress, Inc. | Various | 26,122,547 | | | |
| 25 | Customer & Market services | | Duke Energy Progress, Inc. | | Various | 40,692,830 | | | |
| 26 | Other goods and services | | Duke Ene | ergy Progress, Inc. | Various | 23,008,029 | | | |
| 27 | | | | | | | | | |
| 28 | Generation services | | Duke E | nergy Florida, Inc. | Various | 8,242,316 | | | |
| 29 | Transmission and Distribution services | | Duke E | nergy Florida, Inc. | Various | 9,647,966 | | | |
| 30 | Customer & Market services | | Duke E | nergy Florida, Inc. | Various | 17,123,127 | | | |
| 31 | Other goods and services | | Duke E | nergy Florida, Inc. | Various | 12,333,788 | | | |
| 32 | | | | | | | | | |
| 33 | Generation services | | Duke Er | nergy Indiana, Inc. | Various | 82,754,533 | | | |
| 34 | Transmission and Distribution services | | Duke Er | nergy Indiana, Inc. | Various | 8,624,224 | | | |
| 35 | Customer & Market services | | Duke Er | nergy Indiana, Inc. | Various | 19,051,676 | | | |
| 36 | Other goods and services | | Duke Er | nergy Indiana, Inc. | Various | 2,766,096 | | | |
| 37 | | | | | | | | | |
| 38 | Generation services | | Duke Ene | rgy Kentucky, Inc. | Various | 4,724,650 | | | |
| 39 | Transmission and Distribution services | | Duke Ene | rgy Kentucky, Inc. | Various | 1,056,757 | | | |
| 40 | Customer & Market services | | Duke Ene | rgy Kentucky, Inc. | Various | 6,563,023 | | | |
| 41 | Other goods and services | | Duke Ene | rgy Kentucky, Inc. | Various | 921,660 | | | |
| 42 | | | | | | | | | |
| 1 | Non-power Goods or Services Provided by A | ffiliated | | | | | | | |
| 2 | Other goods and services | | Duke | Energy Ohio, Inc. | Various | 478 | | | |
| | - | | | | | | | | |

| | e of Respondent | This R | eport Is: Ҁ An Original | Date of Report (Mo, Da, Yr) | | iod of Report |
|--------------------|---|-------------------------------------|---|---|--|-------------------------------|
| Duke | e Energy Carolinas, LLC | (2) | A Resubmission | 04/13/2017 | End of | 2016/Q4 |
| | | | WITH ASSOCIATED (AFFII | | | |
| 2. Th an att | eport below the information called for concerning a e reporting threshold for reporting purposes is \$25 associated/affiliated company for non-power good empt to include or aggregate amounts in a nonspenere amounts billed to or received from the associ | 60,000. T ds and s ecific cat | he threshold applies to the are ervices. The good or service regory such as "general". | inual amount billed to nust be specific in nat | the respondent or b ture. Respondents s | illed to nould not |
| | | | Name | e of | Account | Amount |
| Line No. | Description of the Non-Power Good or Servi (a) | ce | Associated Comp (b) | any | Charged or Credited (c) | Charged or Credited (d) |
| 3 | Transmission and Distribution services | | () | Energy Ohio, Inc. | Various | 197,346 |
| 4 | Customer & Market services | | Duke | Energy Ohio, Inc. | Various | 251,904 |
| 5 | Gas Distribution Services | | Duke | Energy Ohio, Inc. | Various | 138,804 |
| 6 | | | | | | |
| 7 | Gas Distribution Services | | Pied | Imont Natural Gas | Various | 1,728,140 |
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| 19 | | | | | | |
| 20 | Non-power Goods or Services Provided for A | ffiliate | | | | |
| 21 | Generation services | | Duke | Energy Ohio, Inc. | Various | 426,799 |
| 22 | Transmission and Distribution services | | Duke | Energy Ohio, Inc. | Various | 3,720,518 |
| 23 | Customer & Market services | | | Energy Ohio, Inc. | Various | 23,742,233 |
| 24 | Other goods and services | | Duke | Energy Ohio, Inc. | Various | 807,633 |
| 25 | | | | | | |
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| Name of Respondent | This Report is: | Date of Report | Year/Period of Report |
|----------------------------|----------------------|----------------|-----------------------|
| | (1) X An Original | (Mo, Da, Yr) | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 |
| | FOOTNOTE DATA | | |

Schedule Page: 429 Line No.: 2 Column: a

When an employee of the Service Company performs services for a Client Company, costs will be directly assigned or distributed or allocated. For allocated services, the allocation method will be on a basis reasonably related to the service performed. The Service Company Utility Service Agreement prescribes 23 Service Company functions and approximately 20 allocation methods.

Functions and Allocation Methods:

Information Systems

- Number of Central Processing Unit Seconds Ratio/Millions of Instructions per Second
- Number of Personal Computer Workstations Ratio
- Number of Information Systems Servers Ratio
- Number of Employees Ratio

Meters

• Number of Customers Ratio

Transportation

- Number of Employees Ratio
- Three Factor Formula

Electric System Maintenance

- Circuit Miles of Electric Transmission Lines Ratio
- Circuit Miles of Electric Distribution Lines Ratio

Marketing and Customer Relations and Grid Solutions

Number of Customers Ratio

Electric Transmission & Distribution Engineering & Construction

- Electric Transmission Plant's Construction Expenditures Ratio
- Electric Distribution Plant's Construction Expenditures Ratio

Power Engineering & Construction

• Electric Production Plant's Construction - Expenditures Ratio

Human Resources

• Number of Employees Ratio

Supply Chain

- Procurement Spending Ratio
- Inventory Ratio

Facilities

Square Footage Ratio

Accounting

- Three Factor Formula
- Generating Unit MW Capability Ratio

Power Planning and Operations

- Electric Peak Load Ratio
- Weighted Avg of the Circuit Miles of Electric Distribution Lines Ratio and the Electric Peak Load Ratio
- Sales Ratio
- Weighted Avg of the Circuit Miles of Electric Transmission Lines Ratio and the Electric Peak Load Ratio
- Generating Unit MW Capability Ratio

Public Affairs

- Three Factor Formula
- Weighted Avg of Number of Customers Ratio and Number of Employees Ratio

Legal

• Three Factor Formula

Rates

• Sales Ratio

Finance

• Three Factor Formula

Rights of Way

Circuit Miles of Electric Transmission Lines Ratio

FERC FORM NO. 1 (ED. 12-87)

| Name of Respondent | This Report is: | Date of Report | Year/Period of Report | | | | |
|----------------------------|----------------------|----------------|-----------------------|--|--|--|--|
| · · | (1) X An Original | (Mo, Da, Yr) | · | | | | |
| Duke Energy Carolinas, LLC | (2) _ A Resubmission | 04/13/2017 | 2016/Q4 | | | | |
| FOOTNOTE DATA | | | | | | | |

- Circuit Miles of Electric Distribution Lines Ratio
- Electric Peak Load Ratio

Internal Auditing

• Three Factor Formula

Environmental, Health and Safety

- Three Factor Formula
- Sales Ratio

Fuels

Sales Ratio

Investor Relations

• Three Factor Formula

Planning

• Three Factor Formula

Executive

• Three Factor Formula

Schedule Page: 429.1 Line No.: 2 Column: a

Transactions presented on this page do not include transactions between Duke Energy Carolinas, LLC and Duke Energy Receivables Finance, LLC.

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