THIS FI	LING 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>2017/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: <a href="http://www.ferc.gov/docs-filing/forms/form-1/elec-subm-soft.asp">http://www.ferc.gov/docs-filing/forms/form-1/elec-subm-soft.asp</a>. 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 <a href="http://www.ferc.gov/docs-filing/forms/form-1/form-1.pdf">http://www.ferc.gov/docs-filing/forms/form-1/form-1.pdf</a> and <a href="http://www.ferc.gov/docs-filing/forms.asp#3Q-qas">http://www.ferc.gov/docs-filing/forms.asp#3Q-qas</a>.

#### 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 18<sup>th</sup> 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 1,168 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 168 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

	IDENTIFICATIO	)N		
01 Exact Legal Name of Respondent	od of Report			
Duke Energy Carolinas, LLC			End of	2017/Q4
03 Previous Name and Date of Change (if	name changed during vear	-)		
,		,	1 1	
04 Address of Principal Office at End of Pe	riod (Street City State Zin	Code		
		Code)		
550 South Tryon Street, Charlotte, NC	20202		00 Till (0 ) 1	<u> </u>
05 Name of Contact Person  Jennifer lannotti			06 Title of Contact	Person
			Analyst	
07 Address of Contact Person (Street, City	• •			
550 South Tryon Street, Charlotte, NC 2	28202			
08 Telephone of Contact Person, Including	09 This Report Is			10 Date of Report
Area Code		(2) 🗌 A R	esubmission	(Mo, Da, Yr)
(704) 382-8029	(1) All Oliginal	(2) 🔲 🕂 (	CSUBITIISSIOTI	04/12/2018
` ,	INNUAL CORPORATE OFFICER	CERTIFICAT	ION	
The undersigned officer certifies that:		02.11.11.10/11		
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.				
01 Name	03 Signature			04 Date Signed
William E. Currens Jr.				(Mo, Da, Yr)
02 Title SVP, Chief Accting Off & Controller	William E. Currens Jr.			04/12/2018
Title 18, U.S.C. 1001 makes it a crime for any persor	I n to knowingly and willingly to make	e to any Agen	cy or Department of the	
false, fictitious or fraudulent statements as to any ma		, 0		·
İ				

	e of Respondent Energy Carolinas, LLC	This Report Is:  (1) XAn Original  (2) A Resubmission	Date of Report (Mo, Da, Yr) 04/12/2018	Year/Period of Report End of 2017/Q4					
		ility)							
	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	Remarks					
INO.	(a)		Page No. (b)	(c)					
1	General Information		101						
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)	)					
24	Extraordinary Property Losses		230						
25	Unrecovered Plant and Regulatory Study Costs		230						
26	Transmission Service and Generation Interconne	ection Study Costs	231						
27	Other Regulatory Assets		232						
28	Miscellaneous Deferred Debits		233						
29	Accumulated Deferred Income Taxes		234						
30	Capital Stock		250-251						
31	Other Paid-in Capital		253						
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	262-263							
36	Accumulated Deferred Investment Tax Credits		266-267						

	e of Respondent Energy Carolinas, LLC	This Report Is:  (1) X An Original  (2) A Resubmission	Year/Period of Report End of2017/Q4					
	LI	04/12/2018 continued)						
	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	Title of Sched	Reference	Remarks					
No.	(a)	Page No. (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					
42	Electric Operating Revenues		300-301					
43	Regional Transmission Service Revenues (Acco	unt 457.1)	302					
44	Sales of Electricity by Rate Schedules		304					
45	Sales for Resale		310-311					
46	Electric Operation and Maintenance Expenses		320-323					
47	Purchased Power		326-327					
48	Transmission of Electricity for Others		328-330					
49	Transmission of Electricity by ISO/RTOs		331					
50	Transmission of Electricity by Others		332					
51	Miscellaneous General Expenses-Electric		335					
52	Depreciation and Amortization of Electric Plant		336-337					
53	Regulatory Commission Expenses		350-351					
54	Research, Development and Demonstration Acti	vities	352-353					
55	Distribution of Salaries and Wages		354-355					
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					
59	Monthly Transmission System Peak Load		400					
60	Monthly ISO/RTO Transmission System Peak Lo	oad	400a					
61	Electric Energy Account		401					
62	Monthly Peaks and Output		401					
63	Steam Electric Generating Plant Statistics		402-403					
64	Hydroelectric Generating Plant Statistics		406-407					
65	Pumped Storage Generating Plant Statistics		408-409					
66	Generating Plant Statistics Pages		410-411					

	e of Respondent Energy Carolinas, LLC	Date of Report (Mo, Da, Yr) 04/12/2018	Year/Period of Report End of2017/Q4						
	LIST OF SCHEDULES (Electric Utility) (continued)  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					
	(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 appropri	iate box:							
	Two copies will be submitted  No annual report to stockholders is pr	rangrad							
	No annual report to stockholders is pr	epareu							

Name of Respondent	This Report Is: (1) 🕱 An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report						
Duke Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of						
	GENERAL INFORMATION	N							
office where the general corporate books a									
Senior Vice President, Chief Accounting Officer & Controller  550 South Tryon Street  Charlotte, NC 28202									
2. Provide the name of the State under the laws of which respondent is incorporated, and date of incorporation. If incorporated under a special law, give reference to such law. If not incorporated, state that fact and give the type of organization and the date organized.									
On April 3, 2006 the respondent conversion North Carolina limited liability compactorporation on November 27, 1963.	_		-						
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									
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								
5. Have you engaged as the principal acc the principal accountant for your previous y			ant who is not						
(1) YesEnter the date when such inc (2) No	· · · · · · · · · · · · · · · · · · ·								

		Date of Report	Year/Period of Report				
Duke Energy Carolinas, LLC	(1) <b>X</b> An Original (2) ☐ A Resubmission	(Mo, Da, Yr) 04/12/2018	End of	2017/Q4			
	CONTROL OVER RESPOND	ENT	<u> </u>				
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 beneficiaries 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% owned	d by Duke Ener	<b>ду</b>			
Chain of Ownership/Control to Main Parent complishing owned and controlled by Duke Energy Corporate			e Energy Caroli	inas, LLC,			
See also 2017 Duke Energy Corporation Form 1	0-K filed with the SEC in February,	2018.					

	1 (	his Report Is: 1) XAn Original	Date of Report (Mo, Da, Yr)	Year/Period of Report End of 2017/Q4				
Duke Energy Carolinas, LLC (2			04/12/2018	End of2017/Q4				
	CÓR	PORATIONS CONTROLLED BY RE	ESPONDENT					
at an 2. If any i	<ol> <li>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.</li> <li>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.</li> <li>If control was held jointly with one or more other interests, state the fact in a footnote and name the other interests.</li> </ol>							
1. Se 2. Di 3. In 4. Jo voting agree	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					
140.	(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	Real Estate 100%					
7	Eastover Mining Company	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				
12	TBP Properties, LLC	Real Estate	100%					
13	TRES Timber, LLC	Real Estate	100%					
14	Wateree Power Company	Refer to column (d)	100%	А				
15	Western Carolina Power Company	Refer to column (d)	Refer to column (d) 100%					
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27								

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	04/12/2018	2017/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

Name of Respondent		This Report Is: (1) XAn Original		(Mo Da Vr)		Period of Report 2017/Q4	
Duke	Energy Carolinas, LLC	(2)	A Resubmission		04/12/2018	End (	of <u>2017/44</u>
		•	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	nd vice president in person who perfor nt of any position, s	n charge ms simila	of a principal business of a principal business of ar policy making function	unit, divis ns.	ion or function
Line	Title	-,			Name of Officer	T	Salary for Year
No.	(a)				(b)		(c)
1	Executive Vice President, Administration and			N	Melissa H. Anderson		509,85
2	Chief Human Resources Officer						
3							207.04
4	Senior Vice President, Chief Accounting Officer			V	Villiam E. Currens, Jr.		305,91
5 6	and Controller						
7	Treasurer and Senior Vice President, Tax			S	Stephen Gerard De May		372,46
8	Treadurer and definer vide i resident, rax				neprieri Gerara De May		072,40
9	Executive Vice President Energy Solutions and				Douglas F. Esamann		585,00
10	President, Midwest and Florida Regions						
11							
12	President, North Carolina			D	David B. Fountain		379,14
13							
14	President, South Carolina			K	Kodwo Ghartey-Tagoe		333,17
15							
16	Chief Executive Officer			L	ynn J. Good		1,350,00
17							
18	Executive Vice President and				Ohiaa M. Jamil		787,50
19	Chief Operating Officer						
20	Executive Vice President				ulia C. Janaan		625.00
21 22	Chief Legal Officer and Secretary through 04/30	1/2017:		J	ulia S. Janson		625,00
23	Executive Vice President, External Affairs,	72017,					
24	Chief Legal Officer and Corporate Secretary,						
25	effective 05/01/2017						
26							
27	Executive Vice President, Customer and Deliver	ry		L	loyd M. Yates		686,75
28	Operations and President, Carolinas Region						
29							
30	Executive Vice President and President			F	ranklin H. Yoho		490,00
31	Natural Gas						
32							
33	Executive Vice President and Chief Financial Of	fficer		S	Steven K. Young		693,00
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	Name of Respondent		(1) XAn Original		(Mo, Da, Yr)	Find of 2017/Q4		
Duke Energy Carolinas, LLC		(2) A Resubmission			04/12/2018	End of2017/Q4		
					DIRECTORS			
1 Re	port below the information called for concerning each	director	of t	the r			at any time during the year	Include in column (a) abbreviated
	of the directors who are officers of the respondent.	anootoi	01 (		oopondon who	11010 011100	at any amo daming the year.	modeo m column (a), abbreviated
	signate members of the Executive Committee by a trip	le aste	risk	and	I the Chairman o	f the Execu	itive Committee by a double	asterisk
Line No.	Name (and Title) of E			-		T		siness Address
	(a)						(	b)
1	Lynn J. Good					550 Sou	th Tryon Street, Charlotte,	NC 28202
2	Chief Executive Officer							
3								
4	Dhiaa M. Jamil					550 Sou	th Tryon Street, Charlotte,	NC 28202
5	Executive Vice President and Chief Operating							
6	Officer							
7								
8	Lloyd M. Yates					550 Sou	th Tryon Street, Charlotte,	NC 28202
9	Executive Vice President, Customer and Delive	ery						
10	Operations and President, Carolinas							
11	Region							
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Name of Respondent  This Re (1) X		oort Is:      An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report	
(2)		A Resubmission	04/12/2018	End of 2017/Q4	
	FERG		MATION ON FORMULA RA nedule/Tariff Number FERC		•
Does	the respondent have formula rates?			X Yes	
				☐ No	
1. Pl	ease list the Commission accepted formula rates in cepting the rate(s) or changes in the accepted rate	ncluding F	ERC Rate Schedule or Tarif	f Number and FERC proce	eding (i.e. Docket No)
Line No.	EEDC Data Schodula or Tariff Number		EEDC Propositing		
1	FERC Rate Schedule or Tariff Number 273		FERC Proceeding		ER17-2436
	315				ER17-1783
	316				ER17-1783
	317				ER17-1783
	326				ER17-2437
6	327				ER17-2407
7	328				ER17-2407
8	329				ER17-2407
9	330				ER17-2407
10	331				ER17-2407
11	332				ER17-2407
12	333				ER17-2407
	334				ER17-2407
	335				ER17-1783
	336				ER18-196
	337				ER17-2407
17	338				ER17-2407
	340				ER17-2106
19	Joint Owner Tariff Volume 4				ER17-2567
20					
22					
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Name of Respondent This F			This Report Is	i: ı Original	Date of Report (Mo, Da, Yr)		Year/Period of Report	
Duke Energy Carolinas, LLC			(1) A A	A Resubmission 04/12/2018			End of 2017/Q4	
	INFORMATION ON FORMULA RATES FERC Rate Schedule/Tariff Number FERC Proceeding							
						Proceeding		
Does	Does the respondent file with the Commission annual (or more frequent) filings containing the inputs to the formula rate(s)?							
l IIII I G	s containing the ii	iputs to the lo	illidia rate(s):			☐ No		
2. If	yes, provide a list	ting of such fili	ngs as contained o	n the Commissi	on's eLibrary website	•		
Lino		Document						a Rate FERC Rate
Line No.	Accession No.	Date \ Filed Date	Docket No		Description		Schedu Tariff N	ule Number or Jumber
1	20170515-5188		ER11-3585			mational Filing with		ATT Tariff Volume 4
2						nual Update for the		
3						mula Transmission		
4					Ra	ate of Duke Energy	,	
5						Carolinas, LLC		
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Name	of Respondent		This Repo	ort Is: An Original		e of Report , Da, Yr)	Year/Period of Report	
Duke Energy Carolinas, LLC			(1) X (2)	A Resubmission	,	4/12/2018	End of 2017/Q4	
	INFORMATION ON FORMULA RATES Formula Rate Variances							
am 2. The For 3. The imp	ounts reported in the footnote should prom 1. The footnote should expecting formula rate	ot submit such filings then indi 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 ratebaso orted in Fo	ow the "rate" (or billing) was e or where labor or other rm 1 schedule amounts.	as derivo	ed if different from the n factors, operating ex	reported amount in the	
Line No.	Page No(s).	Schedule				Column	Line No	
1	114	Statement of Income					c 14	
2	117	Statement of Income					c 62,63,64,65,66,67	
3	205	Electric Plant in Service					9 46	
4	207	Electric Plant in Service					g 58	
5	207	Electric Plant in Service					g 58,75	
6	219	Accumulated Provision for D	enreciation	n of			25,26	
7	219	Electric Utility Plant (Accou	'	101		'	5 20,20	
8	219	Accumulated Provision for D		n of			24,25	
9	219	Electric Utility Plant (Accou		101			24,25	
10	227	Materials and Supplies - Tra					c 8	
11	263	Taxes Accrued, Prepaid, and		during year			i 5,10,11,17,23,27,28,29,30	
12	203	raxes Accided, i repaid, and	u Chargeu	during year			31,32,33,37,38,39	
13	263	Taxes Accrued, Prepaid and	l Charged o	turing year			i 5	
14	275	Accumulated Deferred Incon					k 9	
15	311	Sales for Resale	110 14,00	- Carlot Froporty			k Subtotal Non-RQ	
16	320	Electric Operation and Maint	enance Ex	nense			5,12,17	
17	321	Electric Operation and Maint		·			0 90,91,112	
18	321	Electric Operation and Maint		·			0 80	
19	323	Electric Operation and Maint		·			197,189,191	
20	323	Electric Operation and Maint		•			185,192,197	
21	336	Depreciation and Amortization		<u>'</u>			f 1,7,10	
22	336	Depreciation and Amortiziati					f 1,2,3,4,6,10	
23	354	Distribution of Salaries and V					20,24,25	
24	275	Accumulated Deferred Incom	ne Taxes -	Other Property			k 2	
25	354	Distribution of Salaries and V	Vages	· · ·			27	
26	355	Distribution of Salaries and V	Nages				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)	04/12/2018	End of 2017/Q4
IMF	PORTANT CHANGES DURING THE	QUARTER/YEAR	
Give particulars (details) concerning the matters ind 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 sedebt 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 proceedings culminated during the year.  10. Describe briefly any materially important transadirector, security holder reported on Page 104 or 10 associate 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 to the security and the reporting period.  14. In the event that the respondent participates in percent please describe the significant events or transaction of the security of the sepandent participates in percent please describe the significant events or transactions.	be answered. Enter "none," "not where in the report, make a refered rights: Describe the actual consist the payment of consideration, stareorganization, merger, or consolins actions, name of the Commission of the provider and the Commission of the provider and the condition of the provider and the condition of the provider and the condition. State the condition of the provider and the condition of the provider and the condition of the provider and the condition. State the condition of the provider and the condition of the provider and the condition of the provider and the condition of the contracts, and other parties to any ecurities or assumption of liabilities are year or less. Give reference to ontee. The condition of the respondent not discondition of the Annual Report Form No. Which any such person had a manage to the respondent company appropriated by Instructions 1 to 11 above, major security holders and voting a cash management program(s) a cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) are described plans, if any to regain and cash management program(s) and cash management program(s) are described plans, if any to regain and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management program(s) and cash management	applicable," or "NA" when noe to the schedule in who deration given therefore a te that fact. Idation with other companion authorizing the transactoperty, and of the transactoperty, and of the transactories called for by the Union acquired or given, assigname of Commission authorizing added or relinquished. State also the approximation activity added or relinquished. State also the approximation activity added or relinquished. State also the approximation activity added or relinquished. State also the approximation activity added or relinquished. State also the approximation activity and arrangements, etc. It is or guarantees including FERC or State Commission and purpose of such characteristics and purpose of such characteristics and purpose of such characteristics. It is a subsidiated to be less that, subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary, or affiliated of a subsidiary.	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	04/12/2018	2017/Q4				
IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued)							

- 1. None
- 2. See Notes to Financial Statements, Note 2, "Acquisitions and Dispositions"
- 3. None
- 4. In the fourth quarter of 2017 the cost was finalized for the new lease from second quarter 2017 from Piedmont Natural Gas. Payment of \$575,256 will be paid by Duke Energy Carolinas, LLC to Piedmont Natural Gas monthly (\$6,903,072 annually).

Acquired amendment to Natural Gas Pipeline and Services Agreement between Piedmont Natural Gas and Duke Energy Carolinas, LLC effective 10/1/2017 thru 9/30/2037 (20 years). Payment of \$183,810 annually will by paid by Duke Energy Carolinas, LLC to Piedmont Natural Gas. The lease shares joint ownership with North Carolina Electric Membership Corporation (NCEMC owns 13.33%, Duke Energy Carolinas LLC owns 86.67%). The agreement was authorized by the North Carolinas Utilities Commission on June 29, 2012, and may be amended in Dockets Nos. E-2, Sub 1095, E-7, Sub 1100, and 0-9, Sub 682.

- 5. None
- 6. See Notes to Financial Statements, Note 6, "Debt and Credit Facilities"
- 7. None
- 8. During the third quarter of 2017, Duke Energy Carolinas employees bargained for by IBEW Local 962 and USW Local 7202, and non-represented craft employees were granted a general wage increase that totaled \$6,587,025 in annualized costs. This excludes promotions, demotions, job reclassification, etc. and represents the impact of a 3% general wage increase.

The first quarter compensation cycle had a 3% merit budget and resulted in an annualized impact to the business of \$17,393,798 covering 5,770 Duke Energy Carolinas employees.

- 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 2017.

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	04/12/2018	2017/Q4					
IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued)								

IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued)

The changes in officer and directors for Duke Energy Carolinas, LLC. that occurred during the fourth quarter of 2017 are as follows:

# Appointments effective 12/01/17

Jack E. Burchfield Jr. Site Vice President, Oconee

Steven D. Capps Senior Vice President, Nuclear Corporate

T. Preston Gillespie Jr. Senior Vice President and Chief Nuclear Officer Kelvin Henderson Senior Vice President, Nuclear Operations (NC)

Kim Maza Vice President, Nuclear Corporate Governance and Oversight

Thomas Daniel Ray Site Vice President, McGuire

# Appointments effective 10/01/17

L. Stanford Sherrill Jr. Vice President, Workforce Development, Employee and Labor

Relations

# Resignations effective 12/01/17

Steven D. Capps Site Vice President, McGuire

T. Preston Gillespie Jr. Senior Vice President and Nuclear Chief Operating Officer

Kelvin Henderson Senior Vice President, Nuclear Corporate

John W. Pitesa Senior Vice President and Chief Nuclear Officer

Thomas Daniel Ray Site Vice President, Oconee

# Resignations effective 10/01/17

L. Stanford Sherrill Jr. Vice President, Employee Relations and Labor Relations

The changes in officer and directors for Duke Energy Carolinas, LLC. that occurred during the third quarter of 2017 are as follows:

# Appointments effective 08/16/17

Joni Y. Davis Vice President, Marketing and Customer

Engagement

Retha Hunsicker Vice President, Customer Connect Solutions

# Appointments effective 08/14/17

Barbara A. Higgins Senior Vice President and Chief Customer

Officer

The changes in officer and directors for Duke Energy Carolinas, LLC. that occurred during the second quarter of 2017 are as follows:

# Appointments effective 05/01/17

Donna T. Council Vice President, Human Resources Business

Partners

Julia S. Janson Executive Vice President, External Affairs,

Chief Legal Officer and Secretary

Catherine B. Stancombe Vice President, Enterprise Operational

Excellence

Charles R. Whitlock Senior Vice President, Strategic Growth Initiatives

# Appointments effective 04/01/17

Swati V. Daji Senior Vice President, Chief Procurement

Officer

Eric S. Grant Vice President, Fuels and Systems Optimization

# Resignations effective 05/01/17

Julia S. Janson Executive Vice President, Chief Legal Officer

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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	04/12/2018	2017/Q4				
IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued)							

and Secretary

Catherine B. Stancombe Vice President, Human Resources Business Partners

#### Resignations effective 04/01/17

Swati V. Daji Senior Vice President, Fuels and System Optimization

The changes in officer and directors for Duke Energy Carolinas, LLC. that occurred during the first quarter of 2017 are as follows:

# Appointments effective 03/20/17

Louis Renjel Vice President, Federal Government Affairs and Strategic Policy

#### Appointments effective 03/01/17

Gary J. Hebbeler Vice President, Gas Operations

Emily G. Henson Vice President, Distribution Construction and Maintenance -

Carolinas West

Rufus Stanley Jackson Vice President, Distribution Construction and Maintenance -

Carolinas East

# Appointments effective 02/01/17

Jeffrey A. Corbett Senior Vice President, Distribution Engineering and

Technical Customer Relations

David J. Maxon Senior Vice President, Distribution Construction and

Maintenance

John F. Smith III Senior Vice President, Distribution Grid Performance and

Contractor Operations

Benjamin C. Waldrep Senior Vice President and Chief Security Officer

#### Appointments effective 01/01/17

Robert F. Caldwell Senior Vice President and President, Duke Energy Renewables and Distributed Energy Joseph W. Donahue Vice President, Nuclear Engineering

Paul Draovitch Senior Vice President, Environmental, Health

and Safety

Kodwo Ghartey-Tagoe President, South Carolina

# Resignations effective 03/31/17

Robert J. Duncan II Senior Vice President, Nuclear Operations (NC)

#### Resignations effective 03/01/17

Robert E. Combs Vice President, Distribution, Maintenance & Construction -Carolinas West

# Resignations effective 02/01/17

Jeffrey A. Corbett Senior Vice President, Chief Procurement Officer

Terrell N. Garren Vice President and Chief Security Officer

John F. Smith III Senior Vice President, Carolinas Distribution Operations

Benjamin C. Waldrep Vice President, Operational Excellence

#### Resignations effective 01/01/17

Charles Keith Beam Vice President, Customer Information Systems - IT

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

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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	04/12/2018	2017/Q4				
IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued)							

Paul Draovitch Christopher M. Fallon Clark S. Gillespy Ernest J. Kapapoulos Jr. Harry K. Sideris Technology
Senior Vice President, Fossil Hydro Operations
Vice President, Nuclear Development
President, South Carolina
Vice President, Operations Support
Senior Vice President, Environmental Health and Safety

14. N/A

Name	e of Respondent	This Report Is:	Date of Report		Year/	Period of Report
Duke E	Energy Carolinas, LLC	(1) 🛛 An Original	(Mo, Da,			- 2047/04
		(2) A Resubmission	04/12/20	118	End c	of <u>2017/Q4</u>
	COMPARATIVI	E BALANCE SHEET (ASSETS	AND OTHER	R DEBITS	)	
Line				Curren	nt Year	Prior Year
No.			Ref.	End of Qu		End Balance
110.	Title of Account		Page No.	Bala		12/31
	(a)		(b)	(0	c)	(d)
1	UTILITY PLA	ANT				
2	Utility Plant (101-106, 114)		200-201	<b>+</b>	69,626,033	36,796,332,162
3	Construction Work in Progress (107)		200-201	1	0,346,436	2,319,769,272
4	TOTAL Utility Plant (Enter Total of lines 2 and 3			1	9,972,469	39,116,101,434
5	(Less) Accum. Prov. for Depr. Amort. Depl. (10	8, 110, 111, 115)	200-201		9,235,049	14,795,088,915
6	Net Utility Plant (Enter Total of line 4 less 5)			1	00,737,420	24,321,012,519
7	Nuclear Fuel in Process of Ref., Conv.,Enrich.,		202-203	31	5,193,682	336,750,095
8	Nuclear Fuel Materials and Assemblies-Stock A	Account (120.2)			1	0
9	Nuclear Fuel Assemblies in Reactor (120.3)			1	8,802,565	1,200,997,083
10	Spent Nuclear Fuel (120.4)			65	52,248,802	556,908,927
11	Nuclear Fuel Under Capital Leases (120.6)				0	0
12	(Less) Accum. Prov. for Amort. of Nucl. Fuel As	, ,	202-203	<b>+</b>	33,591,983	1,191,832,506
13	Net Nuclear Fuel (Enter Total of lines 7-11 less	12)			2,653,067	902,823,599
14	Net Utility Plant (Enter Total of lines 6 and 13)			26,34	13,390,487	25,223,836,118
15	Utility Plant Adjustments (116)				1,012,652	1,012,652
16	Gas Stored Underground - Noncurrent (117)				0	0
17	OTHER PROPERTY AND	INVESTMENTS				
18	Nonutility Property (121)			1	8,030,854	120,327,669
19	(Less) Accum. Prov. for Depr. and Amort. (122)	)		3	38,522,984	35,814,103
20	Investments in Associated Companies (123)				0	0
21	Investment in Subsidiary Companies (123.1)		224-225	1	3,114,070	11,321,378
22	(For Cost of Account 123.1, See Footnote Page	e 224, line 42)				
23	Noncurrent Portion of Allowances		228-229		0	0
24	Other Investments (124)				94,370	2,857,728
25	Sinking Funds (125)				0	0
26	Depreciation Fund (126)				0	0
27	Amortization Fund - Federal (127)				0	0
28	Other Special Funds (128)			4,11	4,781,423	3,546,760,318
29	Special Funds (Non Major Only) (129)				0	0
30	Long-Term Portion of Derivative Assets (175)				0	0
31	Long-Term Portion of Derivative Assets – Hedg	` '			94,297	9,065,508
32	TOTAL Other Property and Investments (Lines	· · · · · · · · · · · · · · · · · · ·		4,20	7,592,030	3,654,518,498
33	CURRENT AND ACCR					
34	Cash and Working Funds (Non-major Only) (13	30)			0	0
35	Cash (131)			1	5,882,026	13,599,942
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)				6,566,585	402,046,079
41	Other Accounts Receivable (143)				6,007,450	119,749,731
42	(Less) Accum. Prov. for Uncollectible AcctCre	` '			9,041,317	9,044,211
43	Notes Receivable from Associated Companies	, ,			0	66,344,000
44	Accounts Receivable from Assoc. Companies (	(146)			0,443,568	180,731,637
45	Fuel Stock (151)		227	22	29,301,332	290,783,909
46	Fuel Stock Expenses Undistributed (152)		227		0	0
47	Residuals (Elec) and Extracted Products (153)		227		0	0
48	Plant Materials and Operating Supplies (154)		227	697,542,126		719,902,512
49	Merchandise (155)	227 0		0		
50	Other Materials and Supplies (156)		227		71,125	56,950
51	Nuclear Materials Held for Sale (157)		202-203/227		0	0
52	Allowances (158.1 and 158.2)		228-229	1 3	88,694,923	36,521,765
	<u> </u>					

Name of Respondent		This Report Is:				Period of Report
Duke I	Energy Carolinas, LLC	(1) X An Original	(Mo, Da,			of 2017/Q4
		(2) A Resubmission	04/12/20		End o	JI
	COMPARATIV	E BALANCE SHEET (ASSETS	AND OTHER	R DEBITS	(Continued	)
Line					nt Year	Prior Year
No.	Title of Association		Ref.		ıarter/Year	End Balance
	Title of Account (a)		Page No. (b)		ance c)	12/31 (d)
53	(Less) Noncurrent Portion of Allowances		(b)	<del>                                     </del>	0	(u) 0
54	Stores Expense Undistributed (163)		227		44,420,013	43,768,488
55	Gas Stored Underground - Current (164.1)			1	0	0
56	Liquefied Natural Gas Stored and Held for Prod	cessing (164.2-164.3)			0	0
57	Prepayments (165)	3(1111)			15,298,464	7,933,319
58	Advances for Gas (166-167)				0	0
59	Interest and Dividends Receivable (171)				0	4,193
60	Rents Receivable (172)				299,733	201,328
61	Accrued Utility Revenues (173)			30	00,035,802	279,407,256
62	Miscellaneous Current and Accrued Assets (17	(4)		2	24,594,139	1,250,000
63	Derivative Instrument Assets (175)				0	0
64	(Less) Long-Term Portion of Derivative Instrum	nent Assets (175)			0	0
65	Derivative Instrument Assets - Hedges (176)				1,683,416	31,929,553
66	(Less) Long-Term Portion of Derivative Instrum	ent Assets - Hedges (176			94,297	9,065,508
67	Total Current and Accrued Assets (Lines 34 thr	rough 66)		1,9	72,005,088	2,176,420,943
68	DEFERRED DE	BITS				
69	Unamortized Debt Expenses (181)				50,054,596	47,848,474
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		60,098,689	3,019,657,037
73	Prelim. Survey and Investigation Charges (Elec			·	14,113,390	10,920,219
74	Preliminary Natural Gas Survey and Investigati	·			0	0
75	Other Preliminary Survey and Investigation Cha	arges (183.2)			0	700.010
76	Clearing Accounts (184)				819,880	790,946
77 78	Temporary Facilities (185)		233	1.20	00 706 515	1 120 016 180
79	Miscellaneous Deferred Debits (186)  Def. Losses from Disposition of Utility Plt. (187)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	233	1,20	08,726,515	1,120,016,189 0
80	Research, Devel. and Demonstration Expend.		352-353	+	0	0
81	Unamortized Loss on Reaquired Debt (189)	(100)	332-333	<del>                                     </del>	63,880,032	70,374,838
82	Accumulated Deferred Income Taxes (190)		234		92,302,268	2,720,556,256
83	Unrecovered Purchased Gas Costs (191)				0	0
84	Total Deferred Debits (lines 69 through 83)			6,58	89,995,370	6,990,163,959
85	TOTAL ASSETS (lines 14-16, 32, 67, and 84)				13,995,627	38,045,952,170
		_				

Name of Respondent		This Report is:	Date of F	•	Year/Period of Report		
Duke Energy Carolinas, LLC		(1) x An Original (2)	(mo, da, 04/12/20			2017/Q4	
	COMPARATIVE B	BALANCE SHEET (LIABILITIE	S AND OTHE				
Lina		,		Current Year		Prior Year	
Line No.			Ref.	End of Quarter/Ye	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,	153	3,725,067,453	
8	Installments Received on Capital Stock (212)		252	3,723,007,	0	0,723,007,433	
					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	7,643,088,		7,055,134,480	
12	Unappropriated Undistributed Subsidiary Earnir	ngs (216.1)	118-119	4,810,	163	3,017,471	
13	(Less) Reaquired Capital Stock (217)		250-251		0	0	
14	Noncorporate Proprietorship (Non-major only)	(218)			0	0	
15	Accumulated Other Comprehensive Income (21	19)	122(a)(b)	-7,080,	444	-9,497,770	
16	Total Proprietary Capital (lines 2 through 15)			11,365,886,	081	10,773,721,634	
17	LONG-TERM DEBT						
18	Bonds (221)		256-257	9,109,647,	708	8,560,231,949	
19	(Less) Reaquired Bonds (222)		256-257	2, 22,2	0	0	
20	Advances from Associated Companies (223)		256-257	300,000,000		300,000,000	
21	Other Long-Term Debt (224)		256-257	698,720,661		786,179,751	
22	Unamortized Premium on Long-Term Debt (225	=)	230-237	090,720,	001	0	
				40.475	500		
23	(Less) Unamortized Discount on Long-Term De	edt-Dedit (226)		19,475,		20,100,965	
24	Total Long-Term Debt (lines 18 through 23)			10,088,892,	779	9,626,310,735	
25	OTHER NONCURRENT LIABILITIES						
26	Obligations Under Capital Leases - Noncurrent			56,762,		18,357,410	
27	Accumulated Provision for Property Insurance (	`		99,736,		93,529,465	
28	Accumulated Provision for Injuries and Damage	es (228.2)		491,016,	994	514,617,809	
29	Accumulated Provision for Pensions and Benef	its (228.3)		89,513,		95,099,965	
30	Accumulated Miscellaneous Operating Provisio	ns (228.4)		5,850,	488	1,836,738	
31	Accumulated Provision for Rate Refunds (229)				0	0	
32	Long-Term Portion of Derivative Instrument Lial	bilities			0	15,148,777	
33	Long-Term Portion of Derivative Instrument Lia	bilities - Hedges		3,931,	968	0	
34	Asset Retirement Obligations (230)			3,609,220,	322	3,895,183,039	
35	Total Other Noncurrent Liabilities (lines 26 through	ugh 34)		4,356,032,	875	4,633,773,203	
36	CURRENT AND ACCRUED LIABILITIES	,					
37	Notes Payable (231)				0	0	
38	Accounts Payable (232)			817,851,		808,309,971	
39	Notes Payable to Associated Companies (233)			103,631,		000,303,371	
	Accounts Payable to Associated Companies (233)			· · · · · ·			
40	, ,	34)		228,208,		267,507,984	
41	Customer Deposits (235)		000 000	120,757,		132,008,331	
42	Taxes Accrued (236)		262-263	238,979,		140,059,519	
43	Interest Accrued (237)			132,853,	878	125,036,866	
44	Dividends Declared (238)				0	0	
45	Matured Long-Term Debt (239)				0	0	
			1	1			

Name of Respondent		This Report is:	Date of Report		Year/Period of Report		
Duke Energy Carolinas, LLC		<ul><li>(1) x An Original</li><li>(2)  A Resubmission</li></ul>	(mo, da, 04/12/20			<sub>of</sub> 2017/Q4	
	COMPARATIVE B						
1.5		,		Current	t Year	Prior Year	
Line No.			Ref.	End of Qua	arter/Year	End Balance	
INO.	Title of Account		Page No.	Balaı	nce	12/31	
	(a)		(b)	(c	)	(d)	
46	Matured Interest (240)				0	0	
47	Tax Collections Payable (241)			1	0,981,269	10,177,067	
48	Miscellaneous Current and Accrued Liabilities (	242)		29	7,226,618	297,314,360	
49	Obligations Under Capital Leases-Current (243	)		,	4,089,199	3,189,742	
50	Derivative Instrument Liabilities (244)			2	4,594,139	15,148,777	
51	(Less) Long-Term Portion of Derivative Instrum	ent Liabilities			0	15,148,777	
52	Derivative Instrument Liabilities - Hedges (245)				8,707,368	0	
53	(Less) Long-Term Portion of Derivative Instrum	ent Liabilities-Hedges			3,931,968	0	
54	Total Current and Accrued Liabilities (lines 37 th				3,949,546	1,783,603,840	
55	DEFERRED CREDITS	,					
56	Customer Advances for Construction (252)				500,000	325,000	
57	Accumulated Deferred Investment Tax Credits	(255)	266-267	23	2,388,410	202,585,650	
58	Deferred Gains from Disposition of Utility Plant				0	0	
59	Other Deferred Credits (253)	(200)	269	60	9,161,169	570,166,666	
60	Other Regulatory Liabilities (254)		278	+	1,153,903	1,189,911,046	
61	Unamortized Gain on Reaquired Debt (257)		210	7,07	1,100,000	1,100,011,040	
62	Accum. Deferred Income Taxes-Accel. Amort.(2	281)	272-277		0	0	
63	Accum. Deferred Income Taxes-Accel. Amon. (a		212-211	4 12	9,591,930	6,452,625,233	
64	Accum. Deferred Income Taxes-Other (283)	(202)		+	6,438,934	2,812,929,163	
65	Total Deferred Credits (lines 56 through 64)			+	9,234,346	11,228,542,758	
66	TOTAL LIABILITIES AND STOCKHOLDER EQ	UITV (lines 16, 24, 25, 54 and 65)			3,995,627	38,045,952,170	
- 00	TO THE EIRBIETTEO WAS OF CONTINUEDEN EQ	(iiico 10, 24, 00, 04 una 00)		00,11	0,000,027	00,040,002,170	

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	04/12/2018	2017/Q4						
FOOTNOTE DATA									

# Schedule Page: 112 Line No.: 34 Column: d

Amount relects the reclassification of the Current portion of ARO liabilities from Account 242 to Account 230 in order to be consistent with the current year presentation.

# Schedule Page: 112 Line No.: 48 Column: d

Amount relects the reclassification of the Current portion of ARO liabilities from Account 242 to Account 230 in order to be consistent with the current year presentation.

Duk		(1) X An Original	(1)	o, Da, Yr)	Year/Period of Report					
I Duke Energy Carolinas II C		(2) A Resubmission		12/2018	End of _	2017/Q4				
STATEMENT OF INCOME										
data 2. En 3. Re the q	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 port in column (g) the quarter to date amounts for the total date amounts for the total date amounts for the total date.	the previous year. This inform ter and in column (f) the balan electric utility function; in colun the current year quarter.	ation is reported ce for the same nn (i) the quarter	in the annual filing three month period to date amounts f	g only. d for the prior yea or gas utility, and	ır. in column (k)				
the q	port in column (h) the quarter to date amounts for uarter to date amounts for other utility function for t additional columns are needed, place them in a foo	he prior year quarter.	nn (j) the quarte	to date amounts f	or gas utility, and	in column (I)				
5. Do 6. Re a utili	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 port amounts in account 414, Other Utility Operatin	and Expenses from Utility Plathru 26 as appropriate. Includ	e these amount	s in columns (c) an	nd (d) totals.	milar manner to				
Line	port uniform uniform in the port uniform in th	ly moonie, in the came manne	Total	Total	Current 3 Months	Prior 3 Months				
No.			Current Year to	Prior Year to	Ended	Ended				
		(Ref.)	Date Balance for	Date Balance for	Quarterly Only	Quarterly Only				
	Title of Account	Page No.	Quarter/Year	Quarter/Year	No 4th Quarter	No 4th Quarter				
1	(a) UTILITY OPERATING INCOME	(b)	(c)	(d)	(e)	(f)				
	Operating Revenues (400)	300-301	7,315,231,033	7,332,914,693						
	Operating Expenses	00000	.,0.0,20.,000	1,002,011,000						
	Operation Expenses (401)	320-323	3,115,529,868	3,149,546,154						
	Maintenance Expenses (402)	320-323	627,274,06	-						
	Depreciation Expense (403)	336-337	984,369,327							
	Depreciation Expense for Asset Retirement Costs (403.1)	336-337		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
	Amort. & Depl. of Utility Plant (404-405)	336-337	52,750,296	45,761,394						
	Amort. of Utility Plant Acq. Adj. (406)	336-337	. , ,	1, 1, 1						
<u> </u>	Amort. Property Losses, Unrecov Plant and Regulatory Stud	y Costs (407)								
	Amort. of Conversion Expenses (407)	, , ,								
	Regulatory Debits (407.3)		115,028,712	135,873,300						
	(Less) Regulatory Credits (407.4)		18,197,499							
14	, , , , ,	262-263	277,321,324							
15	Income Taxes - Federal (409.1)	262-263	212,429,582							
16	` '	262-263	19,575,054							
17	Provision for Deferred Income Taxes (410.1)	234, 272-277	1,418,857,415							
18	(Less) Provision for Deferred Income Taxes-Cr. (411.1)	234, 272-277	1,031,927,86	+						
19	Investment Tax Credit Adj Net (411.4)	266	-5,298,340							
20	(Less) Gains from Disp. of Utility Plant (411.6)									
21	Losses from Disp. of Utility Plant (411.7)			121,415						
22			-219,459	-425,341						
23	Losses from Disposition of Allowances (411.9)									
24	Accretion Expense (411.10)									
25	TOTAL Utility Operating Expenses (Enter Total of lines 4 thr	ı 24)	5,767,931,398	5,830,185,614						
26	Net Util Oper Inc (Enter Tot line 2 less 25) Carry to Pg117,lir	e 27	1,547,299,635	1,502,729,079						

Name of Respondent		This Report Is:   (1)   X   An Original		Date of Report (Mo, Da, Yr)	Year/Period of Rej	•
Duke Energy Carolinas,	LLC	(2) A Resubmiss	sion	04/12/2018	End of201	17/Q4
		STATEMENT OF INCO	OME FOR THE YE	EAR (Continued)	<u> </u>	
	rtant notes regarding the stat					
nade to the utility's custon ne gross revenues or cost of the utility to retain such 1 Give concise explanati roceeding affecting revenued expense accounts.	tions concerning unsettled rate mers or which may result in notes to which the contingency revenues or recover amount ions concerning significant are nues received or costs incurring in the report to stokholders are	naterial refund to the utili relates and the tax effect is paid with respect to po nounts of any refunds m ed for power or gas purc	ty with respect to p s together with an ower or gas purchated ade or received duthes, and a summa	oower or gas purchases explanation of the majo ses. uring the year resulting fary of the adjustments may be adjustments or the second second second second second second second second second second second second second se	s. State for each year ef r factors which affect the rom settlement of any ra hade to balance sheet, in	ffected e rights ate
	concise explanation of only th					ome,
cluding the basis of allo	cations and apportionments f	rom those used in the pr	eceding year. Also	, give the appropriate d		
	f the previous year's/quarter's ufficient for reporting addition	_			he information in a footr	note to
ELECTF	RIC UTILITY	GAS L	JTILITY		OTHER UTILITY	
Current Year to Date	Previous Year to Date	Current Year to Date	Previous Year to	Date Current Year to Da	ate Previous Year to Date	
(in dollars)	(in dollars)	(in dollars)	(in dollars)	(in dollars)	(in dollars)	No.
(g)	(h)	(i)	(j)	(k)	(I)	
7,315,231,033	7,332,914,693					2
7,313,231,033	7,332,914,093					3
3,115,529,868	3,149,546,154					4
627,274,061	674,939,732					į
984,369,327	951,571,661					6
						7
52,750,296	45,761,394					8
						9
						10
						11
115,028,712	135,873,300					12
18,197,499	21,202,738					13
277,321,324	272,463,846					14
212,429,582	122,520,135					15
19,575,054	22,693,718					16
1,418,857,415	1,414,173,472					17
1,031,927,861	933,438,808					18
-5,298,340	-5,263,008					19
	101 115					20
010.450	121,415					2
-219,459	-425,341					22
						24
5,767,931,398	5,830,185,614					25
1,547,299,635	1,502,729,079					26
.,5,200,000	.,002,120,010					
						l

(1)   r		Report Is:   X An Original			Date (Mo.	e of Report , Da, Yr)	Year/Period of Report		
			esubmission		,	2/2018	End of2017/Q4		
STATEMENT C			NT OF IN	ICOME FOR T	HE YEAR (continued)				
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)	١			1 547	7,299,635	1,502,729,079		
	Other Income and Deductions	,			1,047	,200,000	1,002,720,070		
	Other Income								
	Nonutilty Operating Income								
	Revenues From Merchandising, Jobbing and Contract Work	(415)							
_	(Less) Costs and Exp. of Merchandising, Job. & Contract Wo	· /	)			25,596			
_	Revenues From Nonutility Operations (417)	( )	<u>/</u>		21	1,881,794	16,229,228		
_	(Less) Expenses of Nonutility Operations (417.1)					9,495,926	10,847,382		
_	Nonoperating Rental Income (418)					2,964,090	-1,968,489		
	Equity in Earnings of Subsidiary Companies (418.1)			119		1,792,692	288,147		
	Interest and Dividend Income (419)			1.10		1,550,841	3,961,105		
	Allowance for Other Funds Used During Construction (419.1)	)				5,820,147	101,909,393		
_	Miscellaneous Nonoperating Income (421)	/				9,319,670	56,692,854		
_	Gain on Disposition of Property (421.1)				23	947,292	287,219		
41	TOTAL Other Income (Enter Total of lines 31 thru 40)				129	3,826,824	166,552,075		
42	Other Income Deductions				130	,,,,,,,,,,	100,002,010		
	Loss on Disposition of Property (421.2)					228,606	5,032,503		
44	Miscellaneous Amortization (425)					9,979	9,979		
45	Donations (426.1)					1,083,062	62,553,334		
46	Life Insurance (426.2)					+,000,002	02,000,004		
47	Penalties (426.3)					3,870,703	-46,334		
48	Exp. for Certain Civic, Political & Related Activities (426.4)					3,470,140	3,662,833		
49	Other Deductions (426.5)					0,139,650	3,414,039		
50	TOTAL Other Income Deductions (Total of lines 43 thru 49)					1,802,140	74,626,354		
51	Taxes Applic. to Other Income and Deductions				_	.,002,	,020,00		
52	Taxes Other Than Income Taxes (408.2)			262-263	3	3,590,612	3,247,700		
	Income Taxes-Federal (409.2)			262-263		7,925,742	16,877,171		
	Income Taxes-Other (409.2)			262-263		929.426	2,102,950		
	Provision for Deferred Inc. Taxes (410.2)			234, 272-277	32	2,806,720	19,821,736		
	(Less) Provision for Deferred Income Taxes-Cr. (411.2)			234, 272-277		5,431,647	25,416,824		
	Investment Tax Credit AdjNet (411.5)								
_	(Less) Investment Tax Credits (420)								
	TOTAL Taxes on Other Income and Deductions (Total of line	s 52-58	3)		39	9,820,853	16,632,733		
	Net Other Income and Deductions (Total of lines 41, 50, 59)		,			7,203,831	75,292,988		
	Interest Charges					, ,	, ,		
	Interest on Long-Term Debt (427)				437	7,490,775	419,512,738		
	Amort. of Debt Disc. and Expense (428)					5,981,227	6,189,395		
	Amortization of Loss on Reaquired Debt (428.1)					5,494,805	7,468,644		
_	(Less) Amort. of Premium on Debt-Credit (429)								
	(Less) Amortization of Gain on Reaquired Debt-Credit (429.1	)							
	Interest on Debt to Assoc. Companies (430)				(	5,738,727	2,645,919		
	Other Interest Expense (431)				-2	2,023,488	14,693,132		
	(Less) Allowance for Borrowed Funds Used During Construct	tion-Cr.	(432)			1,925,700	38,333,449		
	Net Interest Charges (Total of lines 62 thru 69)					9,756,346	412,176,379		
	Income Before Extraordinary Items (Total of lines 27, 60 and	70)				1,747,120	1,165,845,688		
72	Extraordinary Items								
73	Extraordinary Income (434)								
74	(Less) Extraordinary Deductions (435)	_							
	Net Extraordinary Items (Total of line 73 less line 74)								
76	Income Taxes-Federal and Other (409.3)			262-263					
77	Extraordinary Items After Taxes (line 75 less line 76)	_							
78	Net Income (Total of line 71 and 77)	_			1,214	1,747,120	1,165,845,688		

Name	Name of Respondent  This Report Is: Date of Report (Mo, Da, Yr)  Part Forms Quarting 14.0  This Report Is: (Mo, Da, Yr)  Find of 2017/Q4							2017/04			
Duke Energy Carolinas, LLC			(1) XAn Original (2) A Resubmission		04/12/201		End of2017/Q4				
	STATEMENT OF RETAINED EARNINGS										
1 Do	not report Lines 49-53 on the guarterly vers										
	<ol> <li>Do not report Lines 49-53 on the quarterly version.</li> <li>Report all changes in appropriated retained earnings, unappropriated retained earnings, year to date, and unappropriated</li> </ol>										
	tributed subsidiary earnings for the year.	iiiiig	, u	nappropriated retained	carriings, year	io date, and	инаррго	priated			
	ach credit and debit during the year should be	e iden	tifie	ed as to the retained ea	rnings account	in which red	corded (A	ccounts 433 436			
	inclusive). Show the contra primary accoun				riiingo account	iii wiiioii io	ooraca (71	00001110 100, 100			
	ate the purpose and amount of each reserva				earnings						
	st first account 439, Adjustments to Retained					n balance o	f retained	earnings Follow			
	edit, then debit items in that order.	Laiii	9	o, rencoming adjustment	o to the opening	y balarioo o	rotainea	carriingo. 1 oilow			
	now dividends for each class and series of ca	anital s	stoo	ck							
	now separately the State and Federal income				count 439. Adiu	stments to	Retained	Farnings.			
	cplain in a footnote the basis for determining										
	rent, state the number and annual amounts t										
	any notes appearing in the report to stockhol										
	,				,	. 0					
						Curre		Previous			
					0 1 0	Quarter/ Year to		Quarter/Year Year to Date			
Line	Item				Contra Primary count Affected	Balan		Balance			
No.	(a)				(b)	(c)	CC	(d)			
INO.					(0)	(0)		(u)			
	UNAPPROPRIATED RETAINED EARNINGS (AC	count	216	5)							
1	Balance-Beginning of Period					6,952	2,264,769	7,800,079,212			
2	Changes										
3	Adjustments to Retained Earnings (Account 439)										
4											
5											
6											
7											
8											
9	TOTAL Credits to Retained Earnings (Acct. 439)										
10											
11											
12											
13											
14											
15	TOTAL Debits to Retained Earnings (Acct. 439)										
	Balance Transferred from Income (Account 433 le	ess Ac	cou	nt 418.1)		1,212	2,954,428	1,165,557,541			
	Appropriations of Retained Earnings (Acct. 436)			,							
18	, ,					-12	2,366,386	( 13,371,984)			
19							, ,	, , ,			
20											
21											
22	TOTAL Appropriations of Retained Earnings (Acc	t 436)	,			-12	2,366,386	( 13,371,984)			
23	Dividends Declared-Preferred Stock (Account 43)					1,2	, = = 0,000	(,,)			
24		. ,									
25											
26											
27											
28											
	TOTAL Dividends Declared Professed Stack (Acc	+ 4271									
	TOTAL Dividends Declared-Preferred Stock (Acc										
30	Dividends Declared-Common Stock (Account 438	o)				000	000 000	/ 0.000.000.000			
31	Cash Dividend to Parent					-628	5,000,000	( 2,000,000,000)			
32											
33											
34											
35											
36	TOTAL Dividends Declared-Common Stock (Acc					-625	5,000,000	( 2,000,000,000)			
37	Transfers from Acct 216.1, Unapprop. Undistrib.	Subsid	iary	Earnings							
38	Balance - End of Period (Total 1,9,15,16,22,29,36	3,37)				7,527	7,852,811	6,952,264,769			
	APPROPRIATED RETAINED EARNINGS (Accou	unt 215	5)								
39											
40											

Name of Respondent  Duke Energy Carolinas, LLC		This Report Is: (1) X An Original	(Mo, D	Date of Report (Mo, Da, Yr) 04/12/2018		Year/Period of Report End of2017/Q4					
(2) A Resubmission 04/12/2018  STATEMENT OF RETAINED EARNINGS											
1. Do	Do not report Lines 49-53 on the quarterly version.										
<ol> <li>Report all changes in appropriated retained earnings, unappropriated retained earnings, year to date, and unappropriated</li> </ol>											
	tributed subsidiary earnings for the year.										
	ach credit and debit during the year should b		earnings accou	ınt in which re	corded (A	ccounts 433, 436					
	inclusive). Show the contra primary accoun										
	4. State the purpose and amount of each reservation or appropriation of retained earnings.										
	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.	anital atack									
	now dividends for each class and series of ca now separately the State and Federal income		0000unt 420 A	divetmente te	Detained	Earnings					
	plain in a footnote the basis for determining										
	rent, state the number and annual amounts t										
	any notes appearing in the report to stockhol										
0			,	a anom on pag		-0.					
			T	C		Draviava					
				Curre Quarter		Previous Quarter/Year					
			Contra Prima			Year to Date					
Line	Item	1	Contra Primar Account Affecte	,		Balance					
No.	(a)	•	(b)	(c)		(d)					
41	(α)		(5)	(3)		(4)					
42											
43											
44											
	TOTAL Appropriated Retained Earnings (Accoun	nt 215)									
	APPROP. RETAINED EARNINGS - AMORT. Re										
46	TOTAL Approp. Retained Earnings-Amort. Reser	· · · · · · · · · · · · · · · · · · ·		11	5,236,098	102,869,711					
	TOTAL Approp. Retained Earnings (Acct. 215, 2				5,236,098	102,869,711					
	TOTAL Retained Earnings (Acct. 215, 215.1, 216				3,088,909	7,055,134,480					
	UNAPPROPRIATED UNDISTRIBUTED SUBSID			7,51	0,000,000	1,000,101,100					
	Report only on an Annual Basis, no Quarterly										
49	Balance-Beginning of Year (Debit or Credit)				3,017,471	2,729,324					
	Equity in Earnings for Year (Credit) (Account 418	3.1)			1,792,692	288,147					
51	(Less) Dividends Received (Debit)	,			, - ,	,					
52											
53	Balance-End of Year (Total lines 49 thru 52)				4,810,163	3,017,471					
Щ											

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	04/12/2018	2017/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.

	e of Respondent	I (1) □▼TAn Original I (Mo Da Yr) I -							
Duke	e Energy Carolinas, LLC	(2) A Resubmission 04/12/2018							
STATEMENT OF CASH FLOWS  (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 a									
invest (2) Info Equiva	ments, fixed assets, intangibles, etc. ormation about noncash investing and financing activities alents at End of Period" with related amounts on the Balar	must be	e provided in the Notes to the Final	ancial s	statements. Also provide a re	conciliation between "Cash and Cash			
	erating Activities - Other: Include gains and losses pertaing se activities. Show in the Notes to the Financials the amou					financing activities should be reported			
(4) Inv	esting Activities: Include at Other (line 31) net cash outflow	w to acc	quire other companies. Provide a	a recond	ciliation of assets acquired wi				
	nancial Statements. Do not include on this statement the amount of leases capitalized with the plant cost.	dollar a	mount of leases capitalized per th	ne USof	fA General Instruction 20; ins	tead provide a reconciliation of the			
		1	Current Year to Date	Previous Year to Date					
Line No.	Description (See Instruction No. 1 for E	xpiana	tion of Codes)		Quarter/Year	Quarter/Year			
	(a)				(b)	(c)			
	Net Cash Flow from Operating Activities:								
	Net Income (Line 78(c) on page 117)				1,214,747,12	20 1,165,845,688			
	Noncash Charges (Credits) to Income:				004 000 00	054 574 004			
	Depreciation and Depletion			_	984,369,32				
	Amortization of primarily nuclear fuel	200001	iono		453,332,17				
7	Net (Increase) Decrease in MTM and Hedging Tra Contributions to Qualified Pensions	ansacı	10115		9,816,80	<u> </u>			
	Deferred Income Taxes (Net)				414,304,62				
	Investment Tax Credit Adjustment (Net)			-	-5,298,34	<u> </u>			
	Net (Increase) Decrease in Receivables				80,260,29				
	Net (Increase) Decrease in Inventory				78,698,19				
	Net (Increase) Decrease in Allowances Inventory				-2,173,15				
	Net Increase (Decrease) in Payables and Accrue		76,155,00						
	Net (Increase) Decrease in Other Regulatory Ass		-86,321,65						
	Net Increase (Decrease) in Other Regulatory Liab		-155,643,41						
	(Less) Allowance for Other Funds Used During C		105,820,14						
17	(Less) Undistributed Earnings from Subsidiary Co		1,792,69						
18	Impairment Charges			788,146					
	Payments for asset retirement obligations		-270,723,87	-286,906,011					
20	Accrued Pension and other post-retirement benefit costs				-3,794,17	79 4,086,696			
21	Other (provide details in footnote):				-59,241,75	8,734,127			
22	Net Cash Provided by (Used in) Operating Activiti	tal 2 thru 21)		2,620,865,48	2,955,166,975				
23									
24	Cash Flows from Investment Activities:								
	Construction and Acquisition of Plant (including la	ınd):							
		Gross Additions to Utility Plant (less nuclear fuel)				96 -2,072,359,737			
	Gross Additions to Nuclear Fuel				-287,648,02	-246,962,893			
	Gross Additions to Common Utility Plant								
	Gross Additions to Nonutility Plant								
30	(Less) Allowance for Other Funds Used During C	onstru	ction	-105,820,147 -101,90					
31	Other (provide details in footnote):								
32									
33	Cook Outflows for Diout /Total of lines 20 thm; 22)				2 524 242 0	70 0 047 440 007			
34 35	Cash Outflows for Plant (Total of lines 26 thru 33)				-2,524,243,87	78 -2,217,413,237			
	Acquisition of Other Noncurrent Assets (d)								
	Proceeds from Disposal of Noncurrent Assets (d)			-					
38	Troceeds from Disposar of Noriculterit Assets (d)								
	Investments in and Advances to Assoc. and Subs	idiary	Companies						
40	Contributions and Advances from Assoc. and Sub				66,344,00	96,866,000			
	Disposition of Investments in (and Advances to)		, . p. <del></del>			33,333,000			
42	Associated and Subsidiary Companies								
43									
	Purchase of Investment Securities (a)				-2,124,155,92	-2,832,059,904			
	Proceeds from Sales of Investment Securities (a)				2,127,855,92				
					•				

Name	e of Respondent	This	Date of Report Year/Period of F (Mo, Da, Yr)				
Duke	Energy Carolinas, LLC  (1) XAn Original (2) A Resubmission				04/12/2018	End of2017/Q4	
STATEMENT OF CASH FLOWS							
investr (2) Info	des to be used:(a) Net Proceeds or Payments;(b)Bonds, or ments, fixed assets, intangibles, etc. formation about noncash investing and financing activities alents at End of Period" with related amounts on the Balar	must be	e provided in the Notes to t				
(3) Op	erating Activities - Other: Include gains and losses pertain	ing to c	perating activities only. Ga			financing activities should be reported	
	e activities. Show in the Notes to the Financials the amou esting Activities: Include at Other (line 31) net cash outflor			•		th liabilities assumed in the Notes to	
the Fir	nancial Statements. Do not include on this statement the				•		
dollar	amount of leases capitalized with the plant cost.				Owner t Versite Deta	Davis Vanta Data	
Line	Description (See Instruction No. 1 for E.	xplana	tion of Codes)		Current Year to Date Quarter/Year	Previous Year to Date  Quarter/Year	
No.	(a)				(b)	(C)	
46	Loans Made or Purchased				( )		
47	Collections on Loans						
48							
49	Net (Increase) Decrease in Receivables						
50	Net (Increase ) Decrease in Inventory						
51	Net (Increase) Decrease in Allowances Held for S	pecula	ation				
52	Net Increase (Decrease) in Payables and Accrue	d Expe	nses				
53	Other (provide details in footnote):				-94,539,94	-65,034,048	
54							
55							
56	Net Cash Provided by (Used in) Investing Activities	es					
	Total of lines 34 thru 55)				-2,548,739,82	25 -2,185,581,285	
58	,			1	, , ,		
59	Cash Flows from Financing Activities:						
	Proceeds from Issuance of:						
	Long-Term Debt (b)				574,197,00	1,596,588,000	
	Preferred Stock				011,101,00	1,000,000,000	
	Common Stock					-	
	Other (provide details in footnote):					-	
65	Cuter (provide details in footifole).					-	
	Net Increase in Short-Term Debt (c)					_	
	Other (provide details in footnote):				-6,683,97	-9,889,156	
68	Other (provide details in foothote).				-0,003,91	-9,869,130	
69						+	
	Cash Provided by Outside Sources (Total 61 thru	60)			567,513,02	27 1,586,698,844	
71	Casi i Tovided by Odiside Sources (Total of tilla	09)			307,313,02	1,300,030,044	
	Payments for Retirement of:			-			
	Long-term Debt (b)				-115,987,59	98 -355,841,492	
	Preferred Stock				-115,307,33	-555,041,452	
	Common Stock					-	
	Other (provide details in footnote):					+	
	Net Increase (Decrease) in Intercompany Notes				103,631,00	)()	
	Net Decrease in Short-Term Debt (c)				100,001,00		
	Distributions to Parent				-625,000,00	-2,000,000,000	
	Dividends on Preferred Stock				-025,000,00	-2,000,000,000	
	Dividends on Common Stock						
	Net Cash Provided by (Used in) Financing Activiti	<u> </u>					
	(Total of lines 70 thru 81)	GO.			-69,843,57	71 -769,142,648	
84	(10tal of lines 70 tillu of)				-09,043,57	-709,142,040	
	Net Increase (Decrease) in Cash and Cash Fault	alonto					
	Net Increase (Decrease) in Cash and Cash Equiv (Total of lines 22,57 and 83)	aiciilS			2 202 00	442.040	
86 87	(TOTAL OF IIITES 22,37 BITU 03)				2,282,08	34 443,042	
	Cook and Cook Equivalents at Bankaria as S. 1	<u>ط</u>			40.000.0	40.450.000	
88	Cash and Cash Equivalents at Beginning of Perio	u			13,899,94	13,456,900	
89	Cook and Cook Formissionts at 5 1 5 1 1				40.400.00	10,000,010	
90	Cash and Cash Equivalents at End of period				16,182,02	13,899,942	
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	04/12/2018	2017/Q4					
FOOTNOTE DATA								

Schedule Page: 120 Line No.: 21 Column: b	
Claims and expenses related to injuries and damages	(38,710,715)
Debt return on Coal Ash Compliance Costs	(19,519,238)
Charitable contributions related to Piedmont merger commitments	(11,900,000)
Miscellaneous prepaid expenses	(7,365,145)
Cost of removal on final retired plants	(7,320,815)
Insurance proceeds for asbestosis claims	17,251,637
Net retiree medical reimbursements	7,286,959
Other	1,035,561
Total	(59, 241, 756)
Schedule Page: 120 Line No.: 53 Column: b	
Cost of removal of utility plant, net of salvage value	(94,539,947)
Schedule Page: 120 Line No.: 67 Column: b	
Issuance Costs	(5,231,834)
Unamortized debt expense associated with master credit facilities	( <u>1</u> , 452, 139)
Total	(6,683,973)
Schedule Page: 120 Line No.: 86 Column: b	
Accrued capital expenditures	315,412,383
Supplemental disclosures:	
Cash paid for interest, net of amount capitalized	397,859,835
Cash paid for income taxes, net	193,018,492
Schedule Page: 120 Line No.: 88 Column: b	
Cash and working funds (131 & 135)	13,899,942
Special deposits (132 - 134)	0
Temporary cash investments	0
Total	13,899,942
Schedule Page: 120 Line No.: 90 Column: b	
Cash and working funds (131 & 135)	16,182,026
Special deposits (132 - 134)	0
Temporary cash investments	0
Total	16,182,026

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	04/12/2018	2017/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 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.
- 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

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	04/12/2018	2017/Q4					
NOTES TO FINANCIAL STATEMENTS (Continued)								

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.
- GAAP requires that the current portion of Asset Retirement Obligations be reported as current liabilities on the Balance Sheet. For FERC reporting purposes, these liabilities are not reported separately and are reflected as Asset Retirement Obligations within the Other Noncurrent Liabilities section of the Balance Sheet.
- With the adoption of Accounting Statndards Update (ASU) No. 2017-17 January 1, 2018, GAAP requires that the service cost related to pensions and PBOP be reported with other compensation costs arising from services rendered by employees during the period be included in a subtotal of income from operations on the income statement, while non-service cost components are to be presented in the income statement separately outside a subtotal of income from operations. Only the service cost component may be eligible for capitalization if all other capitalization criteria are met. For FERC reporting purposes, cost related to pensions and PBOP will be included in the Net Utility Operating Income of the income statement. Duke has made a non-revocable election to capitalize only the service cost component of pension and PBOP costs, upon implementing ASU No. 2017-17. This change is not expected to have a material impact on the financial statements.

The Combined Notes To Consolidated Financial Statements below are as published in the fourth quarter ended December 31, 2017 Form 10-K/A (includes Duke Energy Carolinas, LLC, Duke Energy Progress, LLC, Duke Energy Florida, LLC, Duke Energy Ohio, Inc., Duke Energy Indiana, LLC and Piedmont Natural Gas Company, Inc.) filed on February 22, 2018. 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, 2017 up to February 22, 2018, the date that Duke Energy Carolinas' U.S. GAAP financial statements were issued and has updated such evaluation for disclosure purposes through April 12, 2018.

On March 2, 2018, Duke Energy Corporation and Duke Energy Carolinas, LLC (DEC) issued an 8-K stating that the Public Staff - North Carolina Utilities Commission and DEC reached a partial settlement resolving certain issues in the rate case filed on August 25, 2017. This partial settlement will be subject to the review and approval of the North Carolinas Utilities Commission (NCUC). On March 1, 2018, DEC also filed supplemental comments with the NCUC in the Federal Tax Act Proceeding that propose how DEC could implement the impacts of the Federal Tax Cut and Jobs Act of 2017. Hearings related to DEC's rate case have concluded and a decision from the NCUC is expected by mid-2018. Duke Energy Carolinas cannot predict the outcome of this matter.

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	04/12/2018	2017/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.

											Αŗ	plic	able	e Not	es										
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	•		•		•	•		•	•		•		•	•	•	•			•	•	•	•		•	•
Piedmont Natural Gas Company, Inc.	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•

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 and (ii) 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); Duke Energy Indiana, LLC (Duke Energy Indiana) and Piedmont Natural Gas Company, Inc. (Piedmont). 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.

In October 2016, Duke Energy completed the acquisition of Piedmont. Duke Energy's consolidated financial statements include Piedmont's results of operations and cash flows activity subsequent to the acquisition date. Effective November 1, 2016, Piedmont's fiscal year-end was changed from October 31 to December 31, the year-end of Duke Energy. A transition report was filed on Form 10-Q (Form 10-QT) as of December 31, 2016, for the transition period from November 1, 2016, to December 31, 2016. See Note 2 for additional information regarding the acquisition.

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). See Note 2 for additional information on the sale of International Energy.

The information in these combined notes relates to each of the Duke Energy Registrants as noted in the Index to Combined Notes to Consolidated Financial Statements. However, none of the Subsidiary 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. Substantially all of the Subsidiary Registrants' operations qualify for regulatory accounting.

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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	04/12/2018	2017/Q4					
NOTES TO FINANCIAL STATEMENTS (Continued)								

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.

Progress Energy is a public utility holding company headquartered in Raleigh, North Carolina, subject to regulation by FERC. Progress Energy conducts operations through its wholly owned subsidiaries, Duke Energy Progress and Duke Energy Florida.

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.

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.

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 conducts competitive auctions for retail electricity supply in Ohio whereby the energy price is recovered 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 collectively 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. 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.

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 subject to the regulatory provisions of the NCUC, PSCSC, Tennessee Public Utility Commission (TPUC) and FERC.

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, 2017, or 2016.

		Decei	nber	31,
(in millions)	Location	2017		2016
Duke Energy				
Accrued compensation	Current Liabilities	\$ 757	\$	765
Duke Energy Carolinas				
Accrued compensation	Current Liabilities	\$ 252	\$	248
Customer deposits	Current Liabilities	121		155
Progress Energy				
Income taxes receivable	Current Assets	\$ 278	\$	19
Customer deposits	Current Liabilities	338		363
Duke Energy Progress				
Customer deposits	Current Liabilities	\$ 129	\$	141
Accrued compensation	Current Liabilities	132		135
Duke Energy Florida				
Customer deposits	Current Liabilities	\$ 208	\$	222
Duke Energy Ohio				
Income taxes receivable	Current Assets	\$ 36	\$	16
Customer deposits	Current Liabilities	46		62
Duke Energy Indiana				
Customer deposits	Current Liabilities	\$ 45	\$	44
Piedmont				
Income taxes receivable	Current Assets	\$ 43	\$	9

## **Discontinued Operations**

The results of operations of the International Disposal Group as well as 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. See Note 2 for additional information.

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## **Amounts Attributable to Controlling Interests**

For the year ended December 31, 2017, the Loss From Discontinued Operations, net of tax on Duke Energy's Consolidated Statement of Operations is entirely attributable to controlling interest. The following table presents Net Income Attributable to Duke Energy Corporation for continuing operations and discontinued operations for the years ended December 31, 2016, and 2015.

	Y	ember 31,	
(in millions)		2016	2015
Income from Continuing Operations	\$	2,578 \$	2,654
Income from Continuing Operations Attributable to Noncontrolling Interests		7	9
Income from Continuing Operations Attributable to Duke Energy Corporation	\$	2,571 \$	2,645
(Loss) Income From Discontinued Operations, net of tax	\$	(408)\$	177
Income from Discontinued Operations Attributable to Noncontrolling Interests, net of tax		11	6
(Loss) Income From Discontinued Operations Attributable to Duke Energy Corporation, net of tax	\$	(419)\$	171
Net Income	\$	2,170 \$	2,831
Net Income Attributable to Noncontrolling Interests		18	15
Net Income Attributable to Duke Energy Corporation	\$	2,152 \$	2,816

### 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. These 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.

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## Cash and Cash Equivalents

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 Other Noncurrent Assets on the Consolidated Balance Sheets. At December 31, 2017, and 2016, Duke Energy had restricted cash totaling \$147 million and \$137 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. Inventory, including excess or obsolete inventory, is written-down to the lower of cost or market value. Once inventory has been written-down, it creates a new cost basis for the inventory that is not subsequently written-up. Provisions for inventory write-offs were not material at December 31, 2017, and 2016. The components of inventory are presented in the tables below.

	 December 31, 2017												
		Duke				Duke		Duke		Duke	Duke		
	Duke	Energy		Progress		Energy		Energy		Energy	Energy		
(in millions)	Energy	Carolinas		Energy	ı	Progress		Florida		Ohio	Indiana	P	Piedmont
Materials and supplies	\$ 2,293	\$ 744	\$	1,118	\$	774	\$	343	\$	82	\$ 309	\$	2
Coal	603	192		255		139		116		17	139		_
Natural gas, oil and other	354	35		219		104		115		34	2		64
Total inventory	\$ 3,250	\$ 971	\$	1,592	\$	1,017	\$	574	\$	133	\$ 450	\$	66

	 December 31, 2016													
			Duke				Duke		Duke		Duke	Duke		
	Duke	Е	nergy	F	rogress		Energy		Energy		Energy	Energy		
(in millions)	Energy	Car	olinas		Energy	F	rogress		Florida		Ohio	Indiana	Pi	edmont
Materials and supplies	\$ 2,374	\$	767	\$	1,167	\$	813	\$	354	\$	84	\$ 312	\$	1
Coal	774		251		314		148		166		19	190		_
Natural gas, oil and other	374		37		236		115		121		34	2		65
Total inventory	\$ 3,522	\$	1,055	\$	1,717	\$	1,076	\$	641	\$	137	\$ 504	\$	66

# 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 substantially all of the Nuclear Decommissioning Trust Funds (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.

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## **Goodwill and Intangible Assets**

#### Goodwill

Effective with Piedmont's change in fiscal year end to December 31, as discussed above, Piedmont changed the date of its annual impairment testing of goodwill from October 31 to August 31 to align with the other Duke Energy Registrants.

Duke Energy, Progress Energy, Duke Energy Ohio and Piedmont 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, Duke Energy Ohio and Piedmont 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 Other Noncurrent 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 (SO<sub>2</sub>) and nitrogen oxide (NO<sub>X</sub>). 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. Triggering events to reassess cash flows may include, but are not limited to, significant changes in commodity prices, the condition of an asset or management's interest in selling the asset.

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## 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,			
	2017	2016	2015		
Duke Energy	2.8%	2.8%	2.9%		
Duke Energy Carolinas	2.8%	2.8%	2.8%		
Progress Energy	2.6%	2.7%	2.6%		
Duke Energy Progress	2.6%	2.6%	2.6%		
Duke Energy Florida	2.8%	2.8%	2.7%		
Duke Energy Ohio	2.8%	2.6%	2.7%		
Duke Energy Indiana	3.0%	3.1%	3.0%		
Piedmont(a)	2.3%				

(a) Piedmont's weighted average depreciation rate was 2.4 percent, 2.4 percent, and 2.5 percent for the annualized two months ended December 31, 2016 and for the years ended October 31, 2016 and 2015, respectively.

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 if deemed recoverable (see discussion of long-lived asset impairments above). When it becomes probable an asset will be abandoned, the cost of the asset and accumulated depreciation is reclassified to Regulatory assets on the Consolidated Balance Sheets 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 the Revised and Restated Stipulation and Settlement Agreement approved in November 2013 among Duke Energy Florida, the Florida Office of Public Counsel (Florida OPC) and other customer advocates (the 2013 Settlement).

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.

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# 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.

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.

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# 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, and the impact of weather normalization or margin decoupling mechanisms.

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

	December 31,	
(in millions)	 2017	2016
Duke Energy	\$ 944 \$	831
Duke Energy Carolinas	342	313
Progress Energy	228	161
Duke Energy Progress	143	102
Duke Energy Florida	85	59
Duke Energy Ohio	4	2
Duke Energy Indiana	21	32
Piedmont	86	77

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)		2017	2016	
Duke Energy Ohio	\$	104 \$	\$ 97	
Duke Energy Indiana		132	123	

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### Allowance for Doubtful Accounts

Allowances for doubtful accounts are presented in the following table.

	 Dece	ember 31,	
(in millions)	2017	2016	2015
Allowance for Doubtful Accounts			
Duke Energy	\$ 14 \$	14 \$	12
Duke Energy Carolinas	2	2	3
Progress Energy	4	6	6
Duke Energy Progress	1	4	4
Duke Energy Florida	3	2	2
Duke Energy Ohio	3	2	2
Duke Energy Indiana	2	1	1
Piedmont(a)	2	3	
Allowance for Doubtful Accounts – VIEs			
Duke Energy	\$ 54 \$	54 \$	53
Duke Energy Carolinas	7	7	7
Progress Energy	7	7	8
Duke Energy Progress	5	5	5
Duke Energy Florida	2	2	3

<sup>(</sup>a) Piedmont's allowance for doubtful accounts was \$2 million as of October 31, 2016, and 2015.

# **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 financial losses, primarily related to 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.

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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.

#### 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 severance plans 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

If necessary, 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 are parties to 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.

Accumulated deferred income taxes are valued using the enacted tax rate expected to apply to taxable income in the periods in which the deferred tax asset or liability is expected to be settled or realized. In the event of a change in tax rates, deferred tax assets and liabilities are remeasured as of the enactment date of the new rate. To the extent that the change in the value of the deferred tax represents an obligation to customers, the impact of the remeasurement is deferred to a regulatory liability. Remaining impacts are recorded in income from continuing operations. Other impacts of the Tax Act have been recorded on a provisional basis, see Note 22, "Income Taxes," for additional information. If Duke Energy's estimate of the tax effect of reversing temporary differences is not reflective of actual outcomes, is modified to reflect new developments or interpretations of the tax law, revised to incorporate new accounting principles, or changes in the expected timing or manner of the reversal then Duke Energy's results of operations could be impacted.

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**

When Duke Energy receives ITCs on wind or solar facilities, it reduces the basis of the property recorded on the Consolidated Balance Sheets by the amount of the ITC and, therefore, the ITC 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. 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 within both Operating Revenues and Property and other taxes in the Consolidated Statements of Operations were as follows.

	 Years Ended December 31,			
(in millions)	2017	2016	2015	
Duke Energy	\$ 376 \$	362 \$	396	
Duke Energy Carolinas	36	31	31	
Progress Energy	220	213	229	
Duke Energy Progress	19	18	16	
Duke Energy Florida	201	195	213	
Duke Energy Ohio	98	100	102	
Duke Energy Indiana	20	17	34	
Piedmont(a)	2			

(a) Piedmont's excise taxes were immaterial for the two months ended December 31, 2016, and \$2 million for the years ended October 31, 2016, and 2015

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# **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, 2017, and 2016, an insignificant amount of Duke Energy's consolidated Retained earnings balance represents undistributed earnings of equity method investments.

#### **New Accounting Standards**

The new accounting standards adopted for 2017 and 2016 had no material impact on the presentation or results of operations, cash flows or financial position of the Duke Energy Registrants. The following accounting standards were adopted by the Duke Energy Registrants during 2017.

Stock-Based Compensation and Income Taxes. In first quarter 2017, Duke Energy adopted Financial Accounting Standards Board (FASB) guidance, which revised the accounting for stock-based compensation and the associated income taxes. The adopted guidance changed certain aspects of accounting for stock-based payment awards to employees including the accounting for income taxes and classification on the Consolidated Statements of Cash Flows. The primary impact to Duke Energy as a result of implementing this guidance was a cumulative-effect adjustment to retained earnings for tax benefits not previously recognized and additional income tax expense for the 12 months ended December 31, 2017. See the Duke Energy Consolidated Statements of Changes in Equity for further information.

**Goodwill Impairment.** In January 2017, the FASB issued revised guidance for the subsequent measurement of goodwill. Under the 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 early adopted this guidance for the 2017 annual goodwill impairment test.

The following new accounting standards have been issued, but have not yet been adopted by the Duke Energy Registrants, as of December 31, 2017.

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.

Duke Energy has identified material revenue streams, which served as the basis for accounting analysis and documentation of the impact of this guidance on revenue recognition. The accounting analysis included reviewing representative contracts and tariffs for each material revenue stream. Most of Duke Energy's revenue will 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, 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, there will not be a significant shift in the timing or pattern of revenue recognition for such sales.

Also included in the accounting analysis was the evaluation of certain long-term revenue streams including electric wholesale contracts and renewables power purchase agreements (PPAs). For such arrangements, Duke Energy does not expect material changes to the pattern of revenue recognition on the registrants. In addition, Duke Energy has monitored the activities of the power and utilities industry revenue recognition task force including draft accounting positions released in October 2017 and the impact, if any, on Duke Energy's specific contracts and conclusions. Potential revisions to processes, policies and controls, primarily related to evaluating supplemental disclosures required as a result of adopting this guidance, will be evaluated and implemented as necessary. Some revenue arrangements, such as alternative revenue programs and certain PPAs accounted for as leases, are excluded from the scope of the new revenue recognition guidance and, therefore, will be accounted for and evaluated for separate presentation and disclosure under other relevant accounting guidance.

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Duke Energy intends to use the modified retrospective method of adoption effective January 1, 2018. Under the modified retrospective method of adoption, prior year reported results are not restated and a cumulative-effect adjustment, if applicable, is recorded to retained earnings at January 1, 2018, as if the standard had always been in effect. In addition, disclosures, if applicable, include a comparison to what would have been reported for 2018 under the previous revenue recognition rules 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 as described above. Duke Energy will utilize certain practical expedients including applying this guidance to open contracts at the date of adoption and recognizing revenues for certain contracts under the invoice practical expedient, which allows revenue recognition to be consistent with invoiced amounts (including estimated billings) provided certain criteria are met, including consideration of whether the invoiced amounts reasonably represent the value provided to customers. While the adoption of this guidance is not expected to have a material impact on either the timing or amount of revenues recognized in Duke Energy's financial statements, Duke Energy anticipates additional disclosures around the nature, amount, timing and uncertainty of our revenues and cash flows arising from contracts with customers. Duke Energy continues to evaluate what information will be most useful for users of the financial statements, including information already provided in disclosures outside of the financial statement footnotes. These additional disclosures are expected to include the disaggregation of revenues by customer class.

**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 effect 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.

**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. The guidance is applied using a modified retrospective approach. Upon adoption, Duke Energy expects to elect the practical expedients, which would require no reassessment of whether existing contracts are or contain leases as well as no reassessment of lease classification for existing leases. Additionally, we expect to adopt the optional transition practical expedient allowing the entity not to reassess the accounting for land easements that currently exist at the adoption of the lease standard on January 1, 2019. Duke Energy is currently evaluating the financial statement impact of adopting this standard and is continuing to monitor industry implementation issues, including easements, pole attachments and renewable PPAs. Other than an expected increase in assets and liabilities, the ultimate impact of the new standard has not yet been determined. Significant system enhancements, including additional processes and controls, will be required to facilitate the identification, tracking and reporting of potential leases based upon requirements of the new lease standard. Duke Energy has begun the implementation of a third-party software tool to help with the adoption and ongoing accounting under the new standard.

**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. 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 to the amount of cash and cash equivalents and restricted cash explained when reconciling the beginning-of-period and end-of-period total amounts shown on the Consolidated Statement of Cash Flows. Prior to adoption, the Duke Energy Registrants reflect changes in restricted cash within Cash Flows from Investing Activities and within Cash Flows from Operating Activities on the Consolidated Statement of Cash Flows. As a result of this change, our Cash and cash equivalents balance on the Consolidated Statement of Cash Flows as of December 31, 2017 will change by \$147 million.

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Retirement Benefits. In March 2017, the FASB issued revised accounting guidance for the presentation of net periodic costs related to benefit plans. Current GAAP permits the aggregation of all the components of net periodic costs on the Consolidated Statement of Operations and does not require the disclosure of the location of net periodic costs on the Consolidated Statement of Operations. Under the amended guidance, the service cost component of net periodic costs must be included within Operating Income within the same line as other compensation expenses. All other components of net periodic costs must be outside of Operating Income. In addition, the updated guidance permits only the service cost component of net periodic costs to be capitalized to Inventory or Property, Plant and Equipment. This represents a change from current GAAP, which permits all components of net periodic costs to be capitalized. These amendments should be applied retrospectively for the presentation of the various components of net periodic costs and prospectively for the change in eligible costs to be capitalized. The guidance allows for a practical expedient that permits a company to use amounts disclosed in prior-period financial statements as the estimation basis for applying the retrospective presentation requirements.

For Duke Energy, this guidance is effective for interim and annual periods beginning January 1, 2018. Duke Energy currently presents the total non-capitalized net periodic costs within Operation, maintenance and other on the Consolidated Statement of Operations. The adoption of this guidance will result in a retrospective change to reclassify the presentation of the non-service cost (benefit) components of net periodic costs to Other income and expenses. Duke Energy intends to utilize the practical expedient for retrospective presentation. The change in net periodic costs eligible for capitalization is applicable prospectively. Since Duke Energy's service cost component is expected to be greater than the total net periodic costs, the change will result in increased capitalization of net periodic costs, higher Operation, maintenance and other and higher Other income and expenses. The resulting impact to Duke Energy is expected to be an immaterial increase in Net Income resulting from the limitation of eligible capitalization of net periodic costs to the service cost component, which is larger than the total net periodic costs.

# 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.

# 2016 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 a fair value of approximately \$2.0 billion at the time of the acquisition. 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.

# **Purchase Price Allocation**

The purchase price allocation of the Piedmont acquisition is 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

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The fair value of Piedmont's assets and liabilities was determined based on significant estimates and assumptions that are judgmental in nature, including the amount and timing of projected future cash flows, discount rates reflecting risk inherent in the future cash flows and market prices of long-term debt.

The majority of Piedmont's operations are subject to the rate-setting authority of the NCUC, the PSCSC and the TPUC 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 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 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 growth platform, an improved risk profile and expected synergies resulting from the combined entities.

Under Securities and Exchange Commission (SEC) regulations, Duke Energy elected not to apply push down accounting to the stand-alone Piedmont financial statements.

### Accounting Charges Related to the Acquisition

Duke Energy incurred pretax non-recurring transaction and integration costs associated with the acquisition of \$103 million, \$439 million and \$9 million for the years ended December 31, 2017, 2016 and 2015, respectively. Amounts recorded on the Consolidated Statements of Operations in 2017 were primarily system integration costs of \$71 million related to combining the various operational and financial systems of Duke Energy and Piedmont, including a one-time software impairment resulting from planned accounting system and process integration. A \$7 million charge was recorded within Impairment Charges, with the remaining \$64 million recorded within Operation, maintenance and other.

Amounts recorded in 2016 include:

- 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.

The majority of transition and integration activities are expected to be completed by the end of 2018.

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#### 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 Decen						
(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.

# **DISPOSITIONS**

For the year ended December 31, 2017, the Loss from Discontinued Operations, net of tax, was immaterial. The following table summarizes the (Loss) Income from Discontinued Operations, net of tax recorded on Duke Energy's Consolidated Statements of Operations for the years ended December 31, 2016, and 2015:

	 ears Ended December 31,		
(in millions)	2016	2015	
International Energy Disposal Group	\$ (534) \$	157	
Midwest Generation Disposal Group	36	33	
Other <sup>(a)</sup>	90	(13)	
(Loss) Income from Discontinued Operations, net of tax	\$ (408) \$	177	

(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 amount for 2015 includes indemnifications provided for certain legal, tax and environmental matters and foreign currency translation adjustments.

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## 2016 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 (the parent) 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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## 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 results of the International Disposal Group for the years ended December 31, 2016, and 2015, which are included in (Loss) Income from Discontinued Operations, net of tax in Duke Energy's Consolidated Statements of Operations.

	Years End	led Decemb	er 31,
(in millions)	20	16	2015
Operating Revenues	\$ 9	88 \$	1,088
Fuel used in electric generation and purchased power	2	27	306
Cost of natural gas		43	53
Operation, maintenance and other	3	41	334
Depreciation and amortization(a)		62	92
Property and other taxes		15	7
Impairment charges (b)	1	94	13
(Loss) Gains on Sales of Other Assets and Other, net		(3)	6
Other Income and Expenses, net		58	23
Interest Expense		82	85
Pretax loss on disposal(c)	(5	14)	_
(Loss) Income before income taxes <sup>(d)</sup>	(4	35)	227
Income tax expense(e)(f)		99	70
(Loss) Income from discontinued operations of the International Disposal Group	\$ (5	34) \$	157

- (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 and \$221 million for the years ended December 31, 2016 and 2015, 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. 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.

	Ye	Years Ended December 31, 2016 20			
(in millions)		2016	2015		
Cash flows provided by (used in):					
Operating activities	\$	204 \$	248		
Investing activities		(434)	177		

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### Other Sale Related Matters

During 2017, Duke Energy provided certain transition services to CTG and I Squared Capital. Cash flows related to providing the transition services were not material as of December 31, 2017. All transition services related to the International Disposal Group ended in 2017. Additionally, Duke Energy will reimburse CTG and I Squared Capital 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.

### 2015 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		<b>Duke Energy Ohio</b>					
	 Years Ended December	ber 31,	Years Ended Decemi	ber 31,				
(in millions)	2016	2015	2016	2015				
Operating Revenues	\$ <b>-</b> \$	543 \$	<b>-</b> \$	412				
Pretax Loss on disposal(a)	_	(45)	_	(52)				
Income (loss) before income taxes(b)	\$ <b>-</b> \$	59 \$	<b>–</b> \$	44				
Income tax (benefit) expense <sup>(C)</sup>	(36)	26	(36)	21				
Income (loss) from discontinued operations	\$ 36 \$	33 \$	36 \$	23				

- (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

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. 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 on 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.

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.

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## **Duke Energy**

Duke Energy's segment structure includes the following segments: Electric Utilities and Infrastructure, Gas Utilities and Infrastructure and Commercial Renewables.

The Electric Utilities and Infrastructure segment 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.

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

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

The remainder of Duke Energy's operations is presented as Other, which is primarily comprised of 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). Other also includes Duke Energy's interest in NMC. See Note 12 for additional information on the investment in NMC.

Business segment information is presented in the following tables. Segment assets presented exclude intercompany assets.

						Year Ended	D	ecember 31,	20	17			
		Electric		Gas				Total					
		Utilities and		Utilities and	(	Commercial		Reportable					
(in millions)	In	frastructure	Ir	nfrastructure	ı	Renewables		Segments		Other	E	liminations	Total
Unaffiliated Revenues	\$	21,300	\$	1,743	\$	460	\$	23,503	\$	62	\$	_ \$	\$ 23,565
Intersegment Revenues		31		93		_		124		76		(200)	_
Total Revenues	\$	21,331	\$	1,836	\$	460	\$	23,627	\$	138	\$	(200) \$	\$ 23,565
Interest Expense	\$	1,240	\$	105	\$	87	\$	1,432	\$	574	\$	(20) \$	\$ 1,986
Depreciation and amortization		3,010		231		155		3,396		131		_	3,527
Equity in earnings (losses) of unconsolidated affiliates		5		62		(5)		62		57		_	119
Income tax expense (benefit)(a)		1,355		116		(628)		843		353		_	1,196
Segment income (loss)(b)(c)(d)	)	3,210		319		441		3,970		(905)		_	3,065
Add back noncontrolling interest component													5
Loss from discontinued operations, net of tax												_	(6)
Net income												\$	\$ 3,064
Capital investments expenditures and acquisitions	\$	7,024	\$	907	\$	92	\$	8,023	\$	175	\$		\$ 8,198
Segment assets		119,423		11,462		4,156		135,041		2,685		188	137,914

- (a) All segments include impacts of the Tax Cuts and Jobs Act (the Tax Act). Electric Utilities and Infrastructure includes a \$231 million benefit, Gas Utilities and Infrastructure includes a \$26 million benefit, Commercial Renewables includes a \$442 million benefit and Other includes charges of \$597 million.
- (b) Electric Utilities and Infrastructure includes after-tax regulatory settlement charges of \$98 million. See Note 4 for additional information.
- (c) Commercial Renewables includes after-tax impairment charges of \$74 million related to certain wind projects and the Energy Management Solutions reporting unit. See Notes 10 and 11 for additional information.
- (d) Other includes \$64 million of after-tax costs to achieve the Piedmont merger. See Note 2 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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued)	1	

		Year Ended December 31, 2016											_
		Electric		Gas				Total					
		Utilities and		Utilities and	(	Commercial		Reportable					
(in millions)	In	frastructure	lı	nfrastructure	F	Renewables		Segments		Other	E	liminations	Total
Unaffiliated Revenues	\$	21,336	\$	875	\$	484	\$	22,695	\$	48	\$	<b>–</b> \$	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	•	0.040	•	5 540	•	0.53	•	40.005	•	100	•	•	40.045
acquisitions <sup>(e)</sup>	\$	6,649	\$	5,519	\$	857	\$	13,025	\$	190	\$	<b>- \$</b>	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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

		Year Ended December								5			
		Electric		Gas				Total					
	U	tilities and		Utilities and	C	Commercial	R	Reportable					
(in millions)	Infi	rastructure	ı	Infrastructure	F	Renewables		Segments		Other	Ε	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 (losses) earnings 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 <sup>(d)</sup>													177
Net income												\$	2,831
Capital investments expenditures and acquisitions <sup>(e)</sup>	\$	6,852	\$	234	\$	1,019	\$	8,105	\$	258	\$		8,363
Segment assets(f)		109,097		2,637		3,861		115,595		5,373		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.

# **Geographical Information**

For the years ended December 31, 2017, 2016 and 2015, all assets and revenues from continuing operations are within the U.S.

# **Major Customers**

For the year ended December 31, 2017, revenues from one customer of Duke Energy Progress are \$521 million. Duke Energy Progress has one reportable segment, Electric Utilities and Infrastructure. No other subsidiary registrant has an individual customer representing more than 10 percent of its revenues.

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	04/12/2018	2017/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
2017						
Electric Utilities and Infrastructure	\$ 18,177	\$ 2,104	\$	_	\$ 1,050	\$ 21,331
Gas Utilities and Infrastructure	_	_		1,732	104	1,836
Commercial Renewables	 _	375		_	85	460
Total Reportable Segments	\$ 18,177	\$ 2,479	\$	1,732	\$ 1,239	\$ 23,627
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

# **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 Northern 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.

The remainder of Duke Energy Ohio's operations is presented as Other, which 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 (Ohio Valley Electric Corporation) power plants. See Note 13 for additional information on related party transactions. For the years ended December 31, 2017, 2016 and 2015, all Duke Energy Ohio assets and revenues are within the U.S.

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Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4
NOTES TO FINAN	ICIAL STATEMENTS (Continued	)	

				,	Year Ended De	cen	nber 31, 2017		
		Electric	Gas	3	Total				
	U	tilities and	Utilities and	t	Reportable				
(in millions)	Infr	astructure	Infrastructur	•	Segments		Other	Eliminations	Tota
Total revenues	\$	1,373	\$ 508	3 \$	1,881	\$	42	\$ <b>–</b> \$	1,92
Interest expense	\$	62	\$ 28	3 \$	90	\$	1	\$ <b>-</b> \$	9.
Depreciation and amortization		178	8	3	261	\$	_	_	26 <sup>-</sup>
Income tax expense (benefit)		40	39	)	79	\$	(20)	_	5
Segment income (loss)		138	8	5	223	\$	(30)	_	19
Loss from discontinued operations, net of tax									(
Net income								\$	19:
Capital expenditures	\$	491	\$ 19	5 \$	686	\$	_	\$ <b>–</b> \$	68
Segment assets		5,066	2,75	3	7,824		66	(15)	7,87
				١	ear Ended De	cen	nber 31, 2016		
		Electric	Gas		ear Ended De Total	cen	nber 31, 2016		
		Electric	Gas Utilities and	;		cen	nber 31, 2016		
(in millions)				i I	Total	cen	other 31, 2016	Eliminations	Tota
,		tilities and	Utilities and	i I	Total Reportable			Eliminations — \$	
Total revenues	Infr	tilities and	Utilities and	3 \$	Total Reportable Segments		Other		1,94
Total revenues Interest expense	Infr \$	tilities and astructure	Utilities and Infrastructure \$ 503	3 \$	Total Reportable Segments 1,913	\$	Other	\$ — \$	1,94
Total revenues Interest expense Depreciation and amortization	Infr \$	tilities and astructure 1,410	Utilities and Infrastructure \$ 503 \$ 27	3 \$ 7 \$	Total Reportable Segments 1,913	\$	Other 31	\$ — \$	1,94 8 23
Total revenues  Interest expense Depreciation and amortization Income tax expense (benefit)	Infr \$	tilities and astructure 1,410 58 151	Utilities and Infrastructure \$ 503 \$ 27	\$ \$ \$ \$ 0	Total Reportable Segments 1,913 85 231	\$	Other 31 1 2	\$ — \$	1,94 8 23 7
Total revenues  Interest expense Depreciation and amortization Income tax expense (benefit) Segment income (loss) Income from discontinued	Infr \$	1,410 58 151 55	Utilities and Infrastructure \$ 503 \$ 27	\$ \$ \$ \$ 0	Total Reportable Segments 1,913 85 231 99	\$	Other 31 1 2 (21)	\$ — \$	1,94 8 23 7
Total revenues  Interest expense Depreciation and amortization Income tax expense (benefit) Segment income (loss) Income from discontinued operations, net of tax	Infr \$	1,410 58 151 55	Utilities and Infrastructure \$ 503 \$ 27	\$ \$ \$ \$ 0	Total Reportable Segments 1,913 85 231 99	\$	Other 31 1 2 (21)	\$ — \$	1,94 8 23 7 19
(in millions)  Total revenues  Interest expense  Depreciation and amortization  Income tax expense (benefit)  Segment income (loss)  Income from discontinued operations, net of tax  Net income  Capital expenditures	Infr \$	1,410 58 151 55	Utilities and Infrastructure \$ 503 \$ 27 80 44	\$ \$ \$ \$ 0	Total Reportable Segments 1,913 85 231 99	\$	Other 31 1 2 (21)	\$ - \$ - \$	Tota 1,94 8 23: 7; 19: 3( 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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

		Year Ended December 31, 2015									
		Electric		Gas		Total					
	Ut	tilities and		Utilities and		Reportable					
(in millions)	Infra	astructure	I	nfrastructure		Segments		Other	Eliminations		Total
Total revenues	\$	1,331	\$	541	\$	1,872	\$	33 \$	S –	\$	1,905
Interest expense	\$	53	\$	25	\$	78	\$	1 \$	S —	\$	79
Depreciation and amortization		147		79		226		1	_		227
Income tax expense (benefit)		59		45		104		(23)	_		81
Segment income (loss)		118		73		191		(41)	(1)		149
Income from discontinued operations, net of tax											23
Net income										\$	172
Capital expenditures	\$	264	\$	135	\$	399	\$	<b>–</b> \$	s –	\$	399
Segment assets		4,534		2,516		7,050		56	(9)		7,097

# 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 of Duke Energy and Progress Energy. See separate tables below for balances by individual registrant.

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	04/12/2018	2017/Q4
NOTES TO FINAN	ICIAL STATEMENTS (Continued	)	

Intermittions         December 1000         2017         2018         2017         2018         2017         2018         2019         2019         2019         2019         2019         2019         2019         2019         2019         2019         2019         2018         20		Duke Ene	rgy	Progress En	ergy
Regulatory Assets         8 4,025		December	31,	December 3	31,
ARROs – coal ash         \$ 4,025         \$ 3,761         \$ 1,984         \$ 5.69           ARCos – nuclear and other         852         684         565         569           Accrued pension and OPEB         2,248         2,343         906         822           Retired generation facilities         480         534         242           Debt fair value adjustment         1,197         1,313         -—         231           Net regulatory asset related to income taxes         —         889         —         231           Storm cost deferrals         2,141         1,193         1,142         1,193         1,142         1,193         1,142         1,193         1,142         1,193         1,142         1,193         1,142         1,143         1,148	(in millions)	2017	2016	2017	2016
ARROS – nuclear and other         852         668         659         868           Accrued pension and OPEB         2,349         2,367         906         882           Retired generation facilities         480         524         386         422           Debt fair value adjustment         1,419         1,313             Note regulatory asset related to income taxes          884             Note regulatory asset related bincome taxes          884             Note of eferrals         313         153         526         148           Nuclear asset securitized balance, net         1,142         1,193         1,142         9,118           Hedge costs deferrals         234         217         94         91           Deferred costs deferrals         338         407         281         -27           Deferred bus an angement (DSM/Energy efficiency (EE)         339         407         281         -31           Deferred fuel and purchased power         507         156         349         111           Nuclear deferral         451         45         34         12           Destin-service carrying costs (PISCC) and defer	Regulatory Assets				
Accuracy pension and OPEB         2,48         2,98         906         882           Retired generation facilities         480         534         386         422           Debt fair value adjustment         1,197         1,313         —         —           Net regulatory asset related to income taxes         581         153         526         148           Nuclear asset securitized balance, net         1,142         1,193         1,412         1,193           Derivatives – natural gas supply contracts         142         217         94         2,19           Derivatives – natural gas supply contracts         143         217         94         2,19           Demand side management (DSM/Energy efficiency (EE)         383         65         6         7           Grid modernization         39         65         6         7           Vacation accrual         218         198         44         131           Nuclear deferral         507         158         34         111           Nuclear deferral fuel and purchased power         366         413         38         42           Post-in-service carrying costs (PISCC) and deferred operating expanses         366         413         5         5           Ab	AROs – coal ash	\$ 4,025 \$	3,761 \$	1,984 \$	1,830
Retired generation facilities         480         534         386         422           Debt fair value adjustment         1,197         1,313         —         —           Net regulatory asset related to income taxes         —         894         —         221           Storm cost deferrals         531         1,142         1,143         1,142         1,143         1,142         1,143         1,142         1,143         1,142         1,143         1,142         1,143         1,142         1,143         1,142         1,143         1,142         1,143	AROs – nuclear and other	852	684	655	569
Debt fair value adjustment         1,197         1,313         —         —           Net regulatory asset related to income taxes         —         894         —         231           Storm cost deferrals         531         163         526         148           Nuclear asset securitized balance, net         1,142         1,193         1,142         1,193           Hedge costs deferrals         234         217         9         9           Derivatives – natural gas supply contracts         142         187         —         228           Derivatives – natural gas supply contracts         39         65         —         27           Derivatives – natural gas supply contracts         39         65         —         —           Derivatives – natural gas supply contracts         39         65         —         —           Vacation accrual         213         196         42         38           Deferred fuel and purchased power         507         156         349         111           Nuclear deferral         119         226         35         13           Destricted fuel and purchased power         36         413         36         15           Shatination expansion obligation         36	Accrued pension and OPEB	2,249	2,387	906	882
Net regulatory asset related to income taxes         —         884         —         231           Storm cost deferals         531         153         526         148           Nuclear asset securitized balance, net         1,142         1,193         1,142         1,193           Hedge costs deferals         234         217         94         98           Derivatives – natural gas supply contracts         142         187         28         27           Grid modernization         338         65         9         28         36         18         28         38         18         28         38         18         28         38         18         28         38         38         18         28         38         38         18         28         38         38         18         28         38         38         18         28         38         38         18         38         31         18         38         31 <td< td=""><td>Retired generation facilities</td><td>480</td><td>534</td><td>386</td><td>422</td></td<>	Retired generation facilities	480	534	386	422
Storm cost deferrals         531         153         526         148           Nuclear asset securitized balance, net         1,142         1,193         1,142         1,193           Hedge costs deferrals         234         217         94         91           Demarktives – natural gas supply contracts         142         187         ————————————————————————————————————	Debt fair value adjustment	1,197	1,313	_	_
Nuclear asset securitized balance, net         1,142         1,193         1,142         1,193           Hedge costs deferrals         234         217         94         91           Derivatives – natural gas supply contracts         142         187         ————————————————————————————————————	Net regulatory asset related to income taxes	_	894	_	231
Hedge costs deferals         234         217         94         91           Derivatives – natural gas supply contracts         142         187         —         —           Demand side management (DSM/Energy efficiency (EE)         530         407         281         278           Grid modernization         39         65         —         —         —           Vacation accrual         213         196         42         38           Deferred fuel and purchased power         507         156         349         111           Nuclear deferral         119         226         35         134           Post-in-service carrying costs (PISCC) and deferred operating expenses         366         413         38         42           Transmission expansion obligation         46         71         —         —           Manufactured gas plant (MGP)         91         99         —         —           Advanced metering infrastructure (AMI)         362         218         150         —           NCEMPA deferrals         53         51         53         51           East Bend deferrals         46         6         —         —         —           Cherry of pipeline integrity costs         54<	Storm cost deferrals	531	153	526	148
Derivatives – natural gas supply contracts         142         187         —         —           Demand side management (DSM)/Energy efficiency (EE)         530         407         281         278           Grid modernization         39         65         —         —           Vacation accrual         213         196         42         38           Deferred fuel and purchased power         507         156         349         111           Nuclear deferral         119         226         35         134           Post-in-service carrying costs (PISCC) and deferred operating expenses         366         413         38         42           Transmission expansion obligation         46         71         —         —           Manufactured gas plant (MGP)         91         99         —         —           Advanced metering infrastructure (AMI)         362         218         150         —           NEEMPA deferrals         53         51         53         51           East Bend deferrals         45         36         —         —         —           Deferred pipeline integrity costs         54         36         —         —         —           Other         538	Nuclear asset securitized balance, net	1,142	1,193	1,142	1,193
Demand side management (DSM)/Energy efficiency (EE)         530         407         281         278           Grid modernization         39         65         —         —           Vacation accrual         213         196         42         38           Deferred fuel and purchased power         507         156         349         111           Nuclear deferral         119         226         35         134           Post-in-service carrying costs (PISCC) and deferred operating expenses         366         413         38         42           Transmission expansion obligation         46         71         —         —         —           Manufactured gas plant (MCP)         91         99         —         —         —           Advanced metering infrastructure (AMI)         362         218         150         —         —           NCEMPA deferrals         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53 <td>Hedge costs deferrals</td> <td>234</td> <td>217</td> <td>94</td> <td>91</td>	Hedge costs deferrals	234	217	94	91
Grid modernization         39         65         —         —           Vacation accrual         213         196         42         38           Deferred fuel and purchased power         507         156         349         111           Nuclear deferral         119         226         35         134           Post-in-service carrying costs (PISCC) and deferred operating expenses         366         413         38         42           Transmission expansion obligation         46         71         —         —           Manufactured gas plant (MGP)         91         99         —         —           Advanced metering infrastructure (AMI)         362         218         150         —           NCEMPA deferrals         35         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51         53         51	Derivatives – natural gas supply contracts	142	187	_	_
Vacation accrual         213         196         42         38           Deferred fuel and purchased power         507         156         349         111           Nuclear deferral         119         226         35         134           Post-in-service carrying costs (PISCC) and deferred operating expenses         366         413         38         42           Transmission expansion obligation         46         71         —         —           Manufactured gas plant (MGP)         91         99         —         6           Advanced metering infrastructure (AMI)         362         218         150         —           NCEMPA deferrals         53         51         53         51         51           East Bend deferrals         45         36         —         —         —           Deferred pipeline integrity costs         54         36         —         —         —           Mounts due from customers         64         6         —         —         —           Other         538         542         110         10         10           Total regulatory assets         13,879         13,901         6,751         6,122           Executerent portion	Demand side management (DSM)/Energy efficiency (EE)	530	407	281	278
Deferred fuel and purchased power         507         156         349         111           Nuclear deferral         119         226         35         134           Post-in-service carrying costs (PISCC) and deferred operating expenses         366         413         38         42           Transmission expansion obligation         46         71         —         —           Manufactured gas plant (MGP)         91         99         —         —           Advanced metering infrastructure (AMI)         362         218         150         —           NCEMPA deferrals         53         51         53         51           East Bend deferrals         45         32         —         —           Deferred pipeline integrity costs         54         36         —         —           Amounts due from customers         64         66         —         —         —           Other         538         542         110         103           Total regulatory assets         13,873         13,901         6,751         6,123           Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         5,961         5,613         <	Grid modernization	39	65	_	_
Nuclear deferral         119         226         35         134           Post-in-service carrying costs (PISCC) and deferred operating expenses         366         413         38         42           Transmission expansion obligation         46         71         —         —           Manufactured gas plant (MGP)         91         99         —         —           Advanced metering infrastructure (AMI)         362         218         150         —           NCEMPA deferrals         53         51         53         51           East Bend deferrals         45         32         —         —           Deferred pipeline integrity costs         54         36         —         —           Amounts due from customers         64         66         —         —           Other         538         542         110         103           Total regulatory assets         13,879         13,901         6,751         6,123           Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         \$12,802         \$6,010         \$5,722           Regulatory Liabilities         \$12,802         \$5,613         \$2,537         \$2,537	Vacation accrual	213	196	42	38
Post-in-service carrying costs (PISCC) and deferred operating expenses         366         413         38         42           Transmission expansion obligation         46         71         —         —           Manufactured gas plant (MGP)         91         99         —         —           Advanced metering infrastructure (AMI)         362         218         150         —           NCEMPA deferrals         53         51         53         51           East Bend deferrals         45         32         —         —           Deferred pipeline integrity costs         54         36         —         —           Amounts due from customers         64         66         —         —           Other         538         542         110         103           Total regulatory assets         13,879         13,901         6,751         6,123           Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         \$ 12,442         \$ 12,878         \$ 6,010         \$ 5,722           Regulatory Liabilities         \$ 12,402         \$ 12,878         \$ 6,010         \$ 5,722           ARO – nuclear and other         806         461	Deferred fuel and purchased power	507	156	349	111
Transmission expansion obligation         46         71         —         —           Manufactured gas plant (MGP)         91         99         —         —           Advanced metering infrastructure (AMI)         362         218         150         —           NCEMPA deferrals         53         51         53         51           East Bend deferrals         45         32         —         —           Deferred pipeline integrity costs         54         36         —         —           Amounts due from customers         64         66         —         —           Other         538         542         110         103           Total regulatory assets         13,879         13,901         6,751         6,123           Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         \$ 12,42         \$ 12,878         \$ 6,010         \$ 5,722           Regulatory Liabilities         \$ 5,968         \$ 5,613         \$ 2,537         \$ 2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,11         45         —	Nuclear deferral	119	226	35	134
Manufactured gas plant (MGP)         91         99         —         —           Advanced metering infrastructure (AMI)         362         218         150         —           NCEMPA deferrals         53         51         53         51           East Bend deferrals         45         32         —         —           Deferred pipeline integrity costs         54         36         —         —           Amounts due from customers         64         66         —         —           Other         538         542         110         103           Total regulatory assets         13,879         13,901         6,751         6,123           Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         12,442         12,878         6,010         5,722           Regulatory Liabilities         Sosts of removal         5,968         5,613         2,537         2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,113         —         2,802         —           Amounts to be refunded to customers         10         45	Post-in-service carrying costs (PISCC) and deferred operating expenses	366	413	38	42
Advanced metering infrastructure (AMI)         362         218         150         —           NCEMPA deferrals         53         51         53         51           East Bend deferrals         45         32         —         —           Deferred pipeline integrity costs         54         36         —         —           Amounts due from customers         64         66         —         —           Other         538         542         110         103           Total regulatory assets         13,879         13,901         6,751         6,123           Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         12,422         12,878         6,010         5,722           Regulatory Liabilities         South of removal         5,968         5,613         2,537         2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,113         —         2,802         —           Amounts to be refunded to customers         10         45         —         —           Storm reserve         20         83         — <td>Transmission expansion obligation</td> <td>46</td> <td>71</td> <td>_</td> <td>_</td>	Transmission expansion obligation	46	71	_	_
NCEMPA deferrals         53         51         53         51           East Bend deferrals         45         32         —         —           Deferred pipeline integrity costs         54         36         —         —           Amounts due from customers         64         66         —         —           Other         538         542         110         103           Total regulatory assets         13,879         13,901         6,751         6,123           Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         \$ 12,442         \$ 12,872         \$ 6,702         \$ 5,722           Regulatory Liabilities         S 5,968         \$ 5,613         \$ 2,537         \$ 2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,113         —         2,802         —           Amounts to be refunded to customers         10         45         —         —           Storm reserve         20         83         —         60           Accrued pension and OPEB         146         174         —         —  <	Manufactured gas plant (MGP)	91	99	_	_
East Bend deferrals         45         32         —         —           Deferred pipeline integrity costs         54         36         —         —           Amounts due from customers         64         66         —         —           Other         538         542         110         103           Total regulatory assets         13,879         13,901         6,751         6,123           Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         \$ 12,442         \$ 12,878         \$ 6,010         \$ 5,722           Regulatory Liabilities         S 5,968         \$ 5,613         \$ 2,537         \$ 2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,113         —         2,802         —           Amounts to be refunded to customers         10         45         —         —           Storm reserve         20         83         —         60           Accrued pension and OPEB         146         174         —         —	Advanced metering infrastructure (AMI)	362	218	150	_
Deferred pipeline integrity costs         54         36         —         —           Amounts due from customers         64         66         —         —           Other         538         542         110         103           Total regulatory assets         13,879         13,901         6,751         6,123           Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         \$ 12,442         12,878         6,010         \$ 5,722           Regulatory Liabilities         South of removal         \$ 5,968         5,613         \$ 2,537         \$ 2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,113         —         2,802         —           Amounts to be refunded to customers         10         45         —         —           Storm reserve         20         83         —         60           Accrued pension and OPEB         146         174         —         —         —	NCEMPA deferrals	53	51	53	51
Amounts due from customers         64         66         —         —           Other         538         542         110         103           Total regulatory assets         13,879         13,901         6,751         6,123           Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         12,442         12,878         6,010         5,722           Regulatory Liabilities         5,968         5,613         2,537         2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,113         —         2,802         —           Amounts to be refunded to customers         10         45         —         —           Storm reserve         20         83         —         60           Accrued pension and OPEB         146         174         —         —	East Bend deferrals	45	32	_	_
Other         538         542         110         103           Total regulatory assets         13,879         13,901         6,751         6,123           Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         12,442         12,878         6,010         5,722           Regulatory Liabilities         S         5,968         5,613         2,537         2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,113         —         2,802         —           Amounts to be refunded to customers         10         45         —         —           Storm reserve         20         83         —         60           Accrued pension and OPEB         146         174         —         —	Deferred pipeline integrity costs	54	36	_	_
Total regulatory assets         13,879         13,901         6,751         6,123           Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         \$ 12,442         \$ 12,878         \$ 6,010         \$ 5,722           Regulatory Liabilities         Costs of removal         \$ 5,968         \$ 5,613         \$ 2,537         \$ 2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,113         —         2,802         —           Amounts to be refunded to customers         10         45         —         —           Storm reserve         20         83         —         60           Accrued pension and OPEB         146         174         —         —	Amounts due from customers	64	66	_	_
Less: current portion         1,437         1,023         741         401           Total noncurrent regulatory assets         \$ 12,442         \$ 12,878         \$ 6,010         \$ 5,722           Regulatory Liabilities           Costs of removal         \$ 5,968         \$ 5,613         \$ 2,537         \$ 2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,113         —         2,802         —           Amounts to be refunded to customers         10         45         —         —           Storm reserve         20         83         —         60           Accrued pension and OPEB         146         174         —         —	Other	538	542	110	103
Total noncurrent regulatory assets         \$ 12,442         \$ 12,878         \$ 6,010         \$ 5,722           Regulatory Liabilities           Costs of removal         \$ 5,968         \$ 5,613         \$ 2,537         \$ 2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,113         —         2,802         —           Amounts to be refunded to customers         10         45         —         —           Storm reserve         20         83         —         60           Accrued pension and OPEB         146         174         —         —	Total regulatory assets	13,879	13,901	6,751	6,123
Regulatory Liabilities           Costs of removal         \$ 5,968         \$ 5,613         \$ 2,537         \$ 2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,113         —         2,802         —           Amounts to be refunded to customers         10         45         —         —           Storm reserve         20         83         —         60           Accrued pension and OPEB         146         174         —         —	Less: current portion	1,437	1,023	741	401
Costs of removal         \$ 5,968         \$ 5,613         \$ 2,537         \$ 2,198           ARO – nuclear and other         806         461         —         —           Net regulatory liability related to income taxes         8,113         —         2,802         —           Amounts to be refunded to customers         10         45         —         —           Storm reserve         20         83         —         60           Accrued pension and OPEB         146         174         —         —	Total noncurrent regulatory assets	\$ 12,442 \$	12,878 \$	6,010 \$	5,722
ARO – nuclear and other       806       461       —       —         Net regulatory liability related to income taxes       8,113       —       2,802       —         Amounts to be refunded to customers       10       45       —       —         Storm reserve       20       83       —       60         Accrued pension and OPEB       146       174       —       —	Regulatory Liabilities				
Net regulatory liability related to income taxes 8,113 — 2,802 —  Amounts to be refunded to customers 10 45 — —  Storm reserve 20 83 — 60  Accrued pension and OPEB 1146 174 — —	Costs of removal	\$ 5,968 \$	5,613 \$	2,537 \$	2,198
Amounts to be refunded to customers         10         45         —         —           Storm reserve         20         83         —         60           Accrued pension and OPEB         146         174         —         —	ARO – nuclear and other	806	461	_	_
Storm reserve         20         83         —         60           Accrued pension and OPEB         146         174         —         —	Net regulatory liability related to income taxes	8,113	_	2,802	_
Accrued pension and OPEB 146 174 — —	Amounts to be refunded to customers	10	45	_	_
	Storm reserve	20	83	_	60
Deferred fuel and purchased power 47 192 1 81	Accrued pension and OPEB	146	174	_	_
	Deferred fuel and purchased power	47	192	1	81

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NOTES TO FINANCIAL STATEMENTS (Continued)							

Other	6	22	722	179	245
Total regulatory liabilities	15,7	32	7,290	5,519	2,584
Less: current portion	4	)2	409	213	189
Total noncurrent regulatory liabilities	\$ 15,3	30 \$	6,881	\$ 5,306	\$ 2,395

Descriptions of regulatory assets and liabilities summarized in the tables above and below follow. See tables below for recovery and amortization periods at the separate registrants.

**AROs – coal ash.** Represents deferred depreciation and accretion related to the legal obligation to close ash basins. The costs are deferred until recovery treatment has been determined. See Notes 1 and 9 for additional information.

**AROs – nuclear and other.** Represents regulatory assets or liabilities, 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 and losses on NDTF investments. 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 the average remaining service periods or life expectancies of employees covered by the benefit plans. See Note 21 for additional detail.

Retired generation facilities. Represents amounts to be recovered for facilities that have been retired and are probable of recovery.

**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.

**Net regulatory asset or liability related to income taxes.** Amounts for all registrants include regulatory liabilities related primarily to impacts from the Tax Act. See Note 22 for additional information. Amounts have no immediate impact on rate base as regulatory assets are offset by deferred tax liabilities.

Storm cost deferrals. Represents deferred incremental costs incurred related to extraordinary weather-related events.

**Nuclear asset securitized 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.

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.

**Derivatives – natural gas supply contracts**. Represents costs for certain long-dated, fixed quantity forward gas supply contracts, which are recoverable through PGA clauses.

DSM/EE. Deferred costs related to various DSM and EE programs recoverable through various mechanisms.

**Grid modernization.** 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.

Vacation accrual. Generally recovered within one year.

**Deferred fuel and purchased power.** Represents certain energy-related costs that are recoverable or refundable as approved by the applicable regulatory body.

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Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4			
NOTES TO FINANCIAL STATEMENTS (Continued)						

**Nuclear deferral.** Includes amounts related to levelizing nuclear plant outage costs, 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.

**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.

Gasification services agreement buyout. The IURC authorized Duke Energy Indiana to recover costs incurred to buy out a gasification services agreement, including carrying costs through 2017.

*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.

**AMI.** Represents deferred costs related to the installation of AMI meters and remaining net book value of non-AMI meters to be replaced at Duke Energy Carolinas, net book value of existing meters at Duke Energy Florida, Duke Energy Progress and Duke Energy Ohio and expected future recovery of net book value of electromechanical meters that have been replaced with AMI meters at Duke Energy Indiana.

**NCEMPA deferrals.** Represents retail allocated cost deferrals and returns associated with the additional ownership interest in assets acquired from NCEMPA in 2015

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.

**Deferred pipeline integrity costs.** Represents pipeline integrity management costs in compliance with federal regulations recovered through a rider mechanism.

Amounts due from customers. Relates primarily to margin decoupling and IMR recovery mechanisms.

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.

Storm reserve. Amounts are used to offset future incurred costs for named storms as approved by regulatory commissions.

# 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 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, 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, 2017.

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 and Progress Energy's net assets at December 31, 2017.

## **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.

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Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4		
NOTES TO FINANCIAL STATEMENTS (Continued)					

## **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.

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, TPUC 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.

## **All Registrants**

### Tax Act Impacts

On December 22, 2017, President Trump signed the Tax Act into law, which, among other provisions, reduces the maximum federal corporate income tax rate from 35 percent to 21 percent, effective January 1, 2018. As a result of the Tax Act, the Subsidiary Registrants revalued their deferred tax assets and deferred tax liabilities, as of December 31, 2017, to account for the future impact of lower corporate tax rates on these deferred tax amounts. For the Subsidiary Registrants regulated operations, where the reduction is expected to be accounted for and applied to customers' rates in future commission proceedings, including rate proceedings, the net remeasurement has been deferred as a regulatory liability. Each of the Subsidiary Registrant's regulatory commissions is reviewing the Tax Act to determine the potential impacts on customer rates. Beginning in January 2018, the Subsidiary Registrants will defer the estimated ongoing impacts of the Tax Act that are expected to be returned to customers. See Note 22 for additional information.

# **Duke Energy Carolinas and Duke Energy Progress**

## Ash Basin Closure Costs Deferral

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 were received in March 2017, and reply comments were filed on April 19, 2017. The NCUC has consolidated Duke Energy Carolinas' and Duke Energy Progress' coal ash deferral requests into their respective general rate case dockets for decision. See "2017 North Carolina Rate Case" sections below for additional discussion. Duke Energy Carolinas and Duke Energy Progress cannot predict the outcome of this matter.

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NOTES TO FINANCIAL STATEMENTS (Continued)						

# **Duke Energy Carolinas**

# Regulatory Assets and Liabilities

The following tables present the regulatory assets and liabilities recorded on Duke Energy Carolinas' Consolidated Balance Sheets.

	December 31,		Earns/Pays	Recovery/Refund
(in millions)	2017	2016	a Return	Period Ends
Regulatory Assets <sup>(a)</sup>				
AROs - coal ash	\$ 1,645 \$	1,536	(i)	(b)
AROs - nuclear and other	_	9		
Accrued pension and OPEB	410	481		(j)
Retired generation facilities <sup>(c)</sup>	29	39	Χ	2023
Net regulatory asset related to income taxes(d)	_	484		
Hedge costs deferrals(c)	109	93	X	2041
DSM/EE	210	122	(h)	(h)
Vacation accrual	83	76	(e)	2018
Deferred fuel and purchased power	140	_	(f)	2018
Nuclear deferral	84	92		2019
PISCC(c)	35	70	X	(b)
AMI	185	172	X	(b)
Other	222	223		(b)
Total regulatory assets	3,152	3,397		
Less: current portion	299	238		
Total noncurrent regulatory assets	\$ 2,853 \$	3,159		
Regulatory Liabilities <sup>(a)</sup>				
Costs of removal(C)	\$ 2,054 \$	2,015	Х	(g)
ARO - nuclear and other	806	461		(b)
Net regulatory liability related to income taxes <sup>(d)</sup>	3,028	_		(b)
Storm reserve <sup>(C)</sup>	20	22		(b)
Accrued pension and OPEB	44	46		(j)
Deferred fuel and purchased power	46	105	(f)	2018
Other	359	352		(b)
Total regulatory liabilities	6,357	3,001		
Less: current portion	126	161		
Total noncurrent regulatory liabilities	\$ 6,231 \$	2,840		

- (a) Regulatory assets and liabilities are excluded from rate base unless otherwise noted.
- (b) The expected recovery or refund period varies or has not been determined.
- (c) Included in rate base.
- (d) Includes regulatory liabilities related to the change in the North Carolina tax rate discussed in Note 22.
- (e) Earns a return on outstanding balance in North Carolina.
- (f) Pays interest on over-recovered costs in North Carolina. Includes certain purchased power costs in North Carolina and South Carolina and costs of distributed energy in South Carolina.

Name of Respondent	This Report is:	Date of Report	Year/Period of Report		
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Duke Energy Carolinas, LLC	s, LLC (2) A Resubmission		2017/Q4		
NOTES TO FINANCIAL STATEMENTS (Continued)					

- (g) Recovered over the life of the associated assets.
- (h) Includes incentives on DSM/EE investments and is recovered through an annual rider mechanism.
- (i) Earns a debt return on coal ash expenditures for North Carolina and South Carolina retail customers.
- (j) Recovered primarily over the average remaining service periods or life expectancies of employees covered by the benefit plans. See Note 21 for additional detail.

#### 2017 North Carolina Rate Case

On August 25, 2017, Duke Energy Carolinas filed an application with the NCUC for a rate increase for retail customers of approximately \$647 million, which represents an approximate 13.6 percent increase in annual base revenues. The rate increase is driven by capital investments subsequent to the previous base rate case, including grid improvement projects, AMI, investments in customer service technologies, costs of complying with coal combustion residuals (CCR) regulations and the North Carolina Coal Ash Management Act of 2014 (Coal Ash Act) and recovery of costs related to licensing and development of the William States Lee III Nuclear Station (Lee Nuclear Station) discussed below. On January 23, 2018, the North Carolina Public Staff filed testimony recommending an overall rate decrease of approximately \$290 million. An evidentiary hearing is scheduled to begin on February 27, 2018, and a decision and revised customer rates are expected by mid-2018. Duke Energy Carolinas cannot predict the outcome of this matter.

#### FERC Formula Rate Matter

On July 31, 2017, Piedmont Municipal Power Agency (PMPA) filed a complaint with FERC against Duke Energy Carolinas alleging that Duke Energy Carolinas misapplied the formula rate under the purchase power agreement (PPA) between the parties by including regulatory amortization in its rates without FERC approval. Duke Energy Carolinas disagreed with PMPA as it believed it was properly applying its FERC filed rate. On February 15, 2018, FERC issued an order ruling in favor of PMPA and ordered Duke Energy Carolinas to refund to PMPA all amounts improperly collected under the PPA. Resolution of this matter is not expected to be material.

### **Lincoln County Combustion Turbine**

On December 7, 2017, the NCUC issued an order approving a Certificate of Public Convenience and Necessity (CPCN) for Duke Energy Carolinas' proposed 402-megawatt (MW) simple cycle, advanced combustion turbine natural gas-fueled electric generating unit at its existing Lincoln County site. The CPCN also includes construction of related transmission and natural gas pipeline interconnection facilities. Construction is scheduled to begin in 2018 with an extended commissioning and validation period from 2020-2024 and an estimated commercial operation date in 2024. As a condition of the approval, Duke Energy Carolinas will not seek recovery of costs associated with the project until it is placed into commercial operation.

### 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 allowance for funds used during construction (AFUDC). The project is expected to be commercially available in the first quarter of 2018. 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. On March 24, 2017, the South Carolina Supreme Court denied the request for review, thus concluding the matter.

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		2017/Q4		
NOTES TO FINANCIAL STATEMENTS (Continued)					

### Lee 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 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. Duke Energy Carolinas is not required to build the nuclear reactors as result of the COLs being issued.

On March 29, 2017, Westinghouse filed for voluntary Chapter 11 bankruptcy in the U.S. Bankruptcy Court for the Southern District of New York. As part of its 2017 North Carolina Rate Case discussed above, Duke Energy Carolinas is seeking NCUC approval to cancel the development of the Lee Nuclear Station project due to the Westinghouse bankruptcy filing and other market activity and is requesting recovery of incurred licensing and development costs. Duke Energy Carolinas will maintain the license issued by the NRC in December 2016 as an option for potential future development. As of December 31, 2017, Duke Energy Carolinas has incurred approximately \$558 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 cannot predict the outcome of this matter.

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

# **Duke Energy Progress**

# Regulatory Assets and Liabilities

The following tables present the regulatory assets and liabilities recorded on Duke Energy Progress' Consolidated Balance Sheets.

	December	31,	Earns/Pays	Recovery/Refund
(in millions)	 2017	2016	a Return	Period Ends
Regulatory Assets <sup>(a)</sup>				
AROs - coal ash	\$ 1,975 \$	1,822	(i)	(b)
AROs - nuclear and other	359	275		(c)
Accrued pension and OPEB	430	423		(I)
Retired generation facilities	170	165	X	2023
Net regulatory asset related to income taxes	_	7		(d)
Storm cost deferrals(e)	150	148	Х	(b)
Hedge costs deferrals	64	66		(b)
DSM/EE(f)	264	263	(j)	2018
Vacation accrual	42	38		2018
Deferred fuel and purchased power	130	24	(g)	2018
Nuclear deferral	35	38		2019
PISCC and deferred operating expenses	38	42	Х	2054
AMI	75	_		(b)
NCEMPA deferrals	53	51	(h)	2042
Other	74	69		(b)
Total regulatory assets	3,859	3,431		
Less: current portion	352	188		
Total noncurrent regulatory assets	\$ 3,507 \$	3,243		
Regulatory Liabilities <sup>(a)</sup>				
Costs of removal	\$ 2,122 \$	1,840	Х	(k)
Net regulatory liability related to income taxes	1,854	_		(b)
Deferred fuel and purchased power	1	64	(g)	2018
Other	161	200		(b)
Total regulatory liabilities	4,138	2,104		
Less: current portion	139	158		
Total noncurrent regulatory liabilities	\$ 3,999 \$	1,946		

- (a) Regulatory assets and liabilities are excluded from rate base unless otherwise noted.
- (b) The expected recovery or refund period varies or has not been determined.
- (c) Recovery period for costs related to nuclear facilities runs through the decommissioning period of each unit.
- (d) Recovery over the life of the associated assets. Includes regulatory liabilities related to the change in the North Carolina tax rate discussed in Note 22.
- (e) South Carolina storm costs are included in rate base.
- (f) Included in rate base.

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	04/12/2018	2017/Q4		
NOTES TO FINANCIAL STATEMENTS (Continued)					

- (g) Pays interest on over-recovered costs in North Carolina. Includes certain purchased power costs in North Carolina and South Carolina and costs of distributed energy in South Carolina.
- (h) South Carolina retail allocated costs are earning a return.
- (i) Earns a debt return on coal ash expenditures for North Carolina and South Carolina retail customers.
- (j) Includes incentives on DSM/EE investments.
- (k) Recovered over the life of the associated assets.
- (I) Recovered primarily over the average remaining service periods or life expectancies of employees covered by the benefit plans. See Note 21 for additional detail.

### 2017 North Carolina Rate Case

On June 1, 2017, Duke Energy Progress filed an application with the NCUC for a rate increase for retail customers of approximately \$477 million, which represented an approximate 14.9 percent increase in annual base revenues. Subsequent to the filing, Duke Energy Progress adjusted the requested amount to \$420 million, representing an approximate 13 percent increase. The rate increase is driven by capital investments subsequent to the previous base rate case, costs of complying with CCR regulations and the Coal Ash Act, costs relating to storm recovery, investments in customer service technologies and recovery of costs associated with renewable purchased power. On November 22, 2017, Duke Energy Progress and the North Carolina Public Staff filed an Agreement and Stipulation of Partial Settlement resolving certain portions of the proceeding, pending NCUC approval. Terms of the settlement include a return on equity of 9.9 percent and a capital structure of 52 percent equity and 48 percent debt. As a result of the settlement, in 2017 Duke Energy Progress recorded pretax charges totaling approximately \$25 million to Impairment charges and Operation, maintenance and other on the Consolidated Income Statements, principally related to disallowances from rate base of certain projects at the Mayo and Sutton plants. The settlement does not include agreement on portions of the rate case relating to recovery of deferred storm recovery costs and coal ash basin deferred costs, which will be decided by the NCUC separately. Taking into consideration the settled portions and Duke Energy Progress' requested recovery of the non-settled portions, the requested rate increase is reduced to approximately \$300 million. An evidentiary hearing ended December 7, 2017, and a decision and revised customer rates are expected in the first quarter of 2018. Duke Energy Progress cannot predict the outcome of this matter.

## 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. The final estimate of incremental operation and maintenance and capital costs of \$116 million was filed with the NCUC in September 2017. On March 15, 2017, the NCUC Public Staff filed comments supporting deferral of a portion of Duke Energy Progress' requested amount. Duke Energy Progress filed reply comments on April 12, 2017. On July 10, 2017, the NCUC consolidated Duke Energy Progress' storm deferral request into the Duke Energy Progress rate case docket for decision. See "2017 North Carolina Rate Case" for additional discussion. As of December 31, 2017, Duke Energy Progress has approximately \$77 million included in Regulatory assets on its Consolidated Balance Sheets. 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. The final estimate of incremental operation and maintenance and capital costs was approximately \$74 million. In January 2017, the PSCSC approved the deferral request and issued an accounting order. As of December 31, 2017, Duke Energy Progress has approximately \$73 million included in Regulatory assets on its Consolidated Balance Sheets.

### South Carolina Rate Case

In December 2016, the PSCSC approved a rate case settlement agreement among the ORS (Office of Regulatory Staff), intervenors and Duke Energy Progress. Terms of the settlement agreement included 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 was effective January 1, 2018. Duke Energy Progress amortized approximately \$18.5 million from the cost of removal reserve in 2017. Other settlement terms included 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.

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		2017/Q4		
NOTES TO FINANCIAL STATEMENTS (Continued)					

#### Western Carolinas Modernization Plan

On November 4, 2015, Duke Energy Progress announced a Western Carolinas Modernization Plan, which included 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 plan also included upgrades to existing transmission lines and substations, installation of solar generation and 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.

On March 28, 2016, the NCUC issued an order approving a 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. On March 28, 2017, Duke Energy Progress filed an annual progress report for the construction of the combined-cycle plants with the NCUC, with an estimated cost of \$893 million. Site preparation activities for the combined-cycle plants are underway and construction of these plants began in 2017, with an expected in-service date in late 2019. Duke Energy Progress plans to file for future approvals related to the proposed solar generation and pilot battery storage project.

The carrying value of the 376-MW Asheville coal-fired plant, including associated ash basin closure costs, of \$385 million and \$492 million are included in Generation facilities to be retired, net on Duke Energy Progress' Consolidated Balance Sheets as of December 31, 2017, and 2016, respectively.

### 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 approved deferral of retail costs. Total deferred costs were approximately \$47 million as of December 31, 2017, and 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. As part of the settlement agreement for the 2017 North Carolina Rate Case discussed above, Duke Energy Progress will amortize the regulatory asset over an eight-year period. The settlement is subject to NCUC approval. Duke Energy Progress cannot predict the outcome of this matter.

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	04/12/2018	2017/Q4			
NOTES TO FINANCIAL STATEMENTS (Continued)						

# **Duke Energy Florida**

# Regulatory Assets and Liabilities

The following tables present the regulatory assets and liabilities recorded on Duke Energy Florida's Consolidated Balance Sheets.

	December 31,		Earns/Pays	Recovery/Refund
(in millions)	 2017	2016	a Return	Period Ends
Regulatory Assets <sup>(a)</sup>				
AROs - coal ash <sup>(c)</sup>	\$ 9 \$	8	Х	(b)
AROs - nuclear and other(c)	296	294	Х	(b)
Accrued pension and OPEB(c)	476	458	X	(h)
Retired generation facilities(C)	216	257	Х	(b)
Net regulatory asset related to income taxes(c)	_	224	X	(d)
Storm cost deferrals(c)	376	_	(f)	2021
Nuclear asset securitized balance, net	1,142	1,193		2036
Hedge costs deferrals	30	25		2018
DSM/EE(c)	17	15	X	2018
Deferred fuel and purchased power(c)	219	87	(g)	2019
Nuclear deferral	_	96		
AMI(c)	75	_	Х	2032
Other	36	36		(b)
Total regulatory assets	2,892	2,693		
Less: current portion	389	213		
Total noncurrent regulatory assets	\$ 2,503 \$	2,480		
Regulatory Liabilities <sup>(a)</sup>				
Costs of removal <sup>(C)</sup>	\$ 415 \$	358	(e)	(b)
Net regulatory liability related to income taxes(c)	948	_		(b)
Storm reserve(c)	_	60		
Deferred fuel and purchased power(C)	_	17	(g)	
Other	18	44		(b)
Total regulatory liabilities	1,381	479		
Less: current portion	74	31		
Total noncurrent regulatory liabilities	\$ 1,307 \$	448		

- (a) Regulatory assets and liabilities are excluded from rate base unless otherwise noted.
- (b) The expected recovery or refund period varies or has not been determined.
- (c) Included in rate base.
- (d) Recovery over the life of the associated assets.
- (e) Certain costs earn a return.
- (f) Earns a debt return/interest once collections begin.
- (g) Earns commercial paper rate.
- (h) Recovered primarily over the average remaining service periods or life expectancies of employees covered by the benefit plans. See Note 21 for additional detail.

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		2017/Q4		
NOTES TO FINANCIAL STATEMENTS (Continued)					

## Storm Restoration Cost Recovery

In September 2017, Duke Energy Florida's service territory suffered significant damage from Hurricane Irma, resulting in approximately 1.3 million customers experiencing outages. In the fourth quarter of 2017, Duke Energy Florida also incurred preparation costs related to Hurricane Nate. On December 28, 2017, Duke Energy Florida filed a petition with the FPSC to recover incremental storm restoration costs for Hurricanes Irma and Nate and to replenish the storm reserve. The estimated recovery amount is approximately \$513 million to be recovered over a three-year period beginning in March 2018, subject to true up, which includes reestablishment of a \$132 million storm reserve. At December 31, 2017, Duke Energy Florida's Consolidated Balance Sheets included approximately \$376 million of recoverable costs under the FPSC's storm rule in Regulatory assets within Other Noncurrent Assets related to storm recovery. On February 6, 2018, the FPSC approved Duke Energy Florida's motion to approve a stipulation that would apply tax savings resulting from the Tax Act toward storm costs in lieu of implementing a storm surcharge.

### 2017 Second Revised and Restated Settlement Agreement

On November 20, 2017, the FPSC issued an order to approve the 2017 Second Revised and Restated Settlement Agreement (2017 Settlement) filed by Duke Energy Florida. The 2017 Settlement replaces and supplants the 2013 Settlement. The 2017 Settlement extends the base rate case stay-out provision from the 2013 Settlement through the end of 2021 unless actual or projected return on equity falls below 9.5 percent; however, Duke Energy Florida is allowed a multiyear increase to its base rates of \$67 million per year in 2019, 2020 and 2021, as well as base rate increases for solar generation. In addition to carrying forward the provisions contained in the 2013 Settlement related to the Crystal River 1 and 2 coal units discussed below and future generation needs in Florida, the 2017 Settlement contains provisions related to future investments in solar and renewable energy technology, future investments in AMI technology as well as recovery of existing meters, impacts of the Tax Act, an electric vehicle charging station pilot program and the termination of the proposed Levy Nuclear Project discussed below. As part of the 2017 Settlement, Duke Energy Florida will not move forward with building the Levy nuclear plant and recorded a pretax impairment charge of approximately \$135 million in 2017 to write off all unrecovered Levy Nuclear Project costs, including the COL. As a result of the 2017 Settlement, Duke Energy Florida transferred \$75 million to a regulatory asset for the net book value of existing meter technology, which will be recovered over a 15-year period.

The 2017 Settlement includes provisions to recover 2017 under-recovered fuel costs of approximately \$196 million over a 24-month period beginning in January 2018. On September 1, 2017, Duke Energy Florida submitted Alternate 2018 Fuel and Capacity clause projection filings consistent with the terms of the 2017 Settlement. The updated capacity filing reflects the removal of all Levy costs. The FPSC approved Duke Energy Florida's 2018 Alternate projection filings on October 25, 2017.

## Hines Chiller Uprate Project

On February 2, 2017, 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. The Uprate Project was placed into service in March 2017 at a cost of approximately \$150 million. The annual retail revenue requirement is approximately \$19 million. On March 28, 2017, the FPSC issued an order approving the revenue requirement, which was included in base rates for the first billing cycle of April 2017.

# 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. The plant will receive natural gas from the Sabal Trail Transmission, LLC (Sabal Trail) pipeline discussed below.

## Purchase of Osprey Energy Center

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 related to the purchase of the Osprey Energy Center, LLC, which was completed in January 2017. 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, which was approved by the court. A final order dismissing the case was entered in April 2017.

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	04/12/2018	2017/Q4			
NOTES TO FINANCIAL STATEMENTS (Continued)						

# 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, 2017, Duke Energy Florida has deferred approximately \$113 million for recovery associated with building the ISFSI. See Note 5 for additional information on spent nuclear fuel litigation.

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-year period that began in 2013 with a remaining uncollected balance of \$87 million at December 31, 2017.

## Crystal River Unit 3 Regulatory Asset

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 2015 to adjust the regulatory asset balance. 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 Settlement 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 Note 17 for additional information.

## Levy Nuclear Project

On July 28, 2008, Duke Energy Florida applied to the NRC for COLs for two Westinghouse AP1000 reactors at Levy (Levy Nuclear Project). 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. Duke Energy Florida is not required to build the nuclear reactors as a result of the COLs being issued.

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. Duke Energy Florida recorded an exit obligation in 2014 for the termination of the EPC. This liability was recorded within Other in Other Noncurrent 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. On May 1, 2017, Duke Energy Florida filed a request with the FPSC to recover approximately \$82 million of Levy Nuclear Project costs from retail customers in 2018. As part of the 2017 Settlement discussed above, Duke Energy Florida is no longer seeking recovery of costs related to the Levy Nuclear Project and the ongoing Westinghouse litigation discussed in Note 5. All remaining Levy Nuclear Project issues have been resolved.

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	04/12/2018	2017/Q4			
NOTES TO FINANCIAL STATEMENTS (Continued)						

# 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 are expected to be retired by the end of 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.

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	04/12/2018	2017/Q4			
NOTES TO FINANCIAL STATEMENTS (Continued)						

# **Duke Energy Ohio**

# Regulatory Assets and Liabilities

The following tables present the regulatory assets and liabilities recorded on Duke Energy Ohio's Consolidated Balance Sheets.

	December	31,	Earns/Pays	Recovery/Refund
(in millions)	 2017	2016	a Return	Period Ends
Regulatory Assets <sup>(a)</sup>				
AROs - coal ash	\$ 17 \$	12	Χ	(b)
Accrued pension and OPEB	139	135		(g)
Net regulatory asset related to income taxes(c)	-	63		(d)
Storm cost deferrals	5	5		(b)
Hedge costs deferrals	6	7		(b)
DSM/EE	18	6	(f)	(e)
Grid modernization	39	65	Х	(e)
Vacation accrual	5	4		2018
Deferred fuel and purchased power	-	5		
PISCC and deferred operating expenses(c)	19	20	Х	2083
Transmission expansion obligation	50	71		(e)
MGP	91	99		(b)
AMI	6	_		(b)
East Bend deferrals	45	32	Х	(b)
Deferred pipeline integrity costs	12	7	Х	(b)
Other	42	26		(b)
Total regulatory assets	494	557		
Less: current portion	49	37		
Total noncurrent regulatory assets	\$ 445 \$	520		
Regulatory Liabilities <sup>(a)</sup>				
Costs of removal	\$ 189 \$	212		(d)
Net regulatory liability related to income taxes	688	_		(b)
Accrued pension and OPEB	16	19		(g)
Deferred fuel and purchased power	_	6		
Other	34	20		(b)
Total regulatory liabilities	927	257		
Less: current portion	36	21		
Total noncurrent regulatory liabilities	\$ 891 \$	236		

- (a) Regulatory assets and liabilities are excluded from rate base unless otherwise noted.
- (b) The expected recovery or refund period varies or has not been determined.
- (c) Included in rate base.
- (d) Recovery over the life of the associated assets.
- (e) Recovered via a rider mechanism.

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	04/12/2018	2017/Q4			
NOTES TO FINANCIAL STATEMENTS (Continued)						

- (f) Includes incentives on DSM/EE investments.
- (g) Recovered primarily over the average remaining service periods or life expectancies of employees covered by the benefit plans. See Note 21 for additional detail.

### Duke Energy Kentucky Rate Case

On September 1, 2017, Duke Energy Kentucky filed a rate case with the KPSC requesting an increase in electric base rates of approximately \$49 million, which represents an approximate 15 percent increase on the average customer bill. The rate increase is driven by increased investment in utility plant, increased operations and maintenance expenses and recovery of regulatory assets. The application also includes implementation of the Environmental Surcharge Mechanism to recover environmental costs not included in base rates, requests to establish a Distribution Capital Investment Rider to recover incremental costs of specific programs, requests to establish a FERC Transmission Cost Reconciliation Rider to recover escalating transmission costs and modification to the Profit Sharing Mechanism to increase customers' share of proceeds from the benefits of owning generation and to mitigate shareholder risks associated with that generation. An evidentiary hearing is scheduled to begin on March 6, 2018. Duke Energy Kentucky anticipates that rates will go into effect in mid-April 2018. Duke Energy Kentucky cannot predict the outcome of this matter.

### 2017 Electric Security Plan

On June 1, 2017, Duke Energy Ohio filed with the PUCO a request for a standard service offer in the form of an electric security plan (ESP). If approved by the PUCO, the term of the ESP would be from June 1, 2018, to May 31, 2024. Terms of the ESP include continuation of market-based customer rates through competitive procurement processes for generation, continuation and expansion of existing rider mechanisms and proposed new rider mechanisms relating to regulatory mandates, costs incurred to enhance the customer experience and transform the grid and a service reliability rider for vegetation management. On February 15, 2018, the procedural schedule was suspended to facilitate ongoing settlement discussions. Duke Energy Ohio cannot predict the outcome of this matter.

### Woodsdale Station Fuel System Filing

On June 9, 2015, the FERC ruled in favor of PJM Interconnection, LLC (PJM) on a revised Tariff and Reliability Assurance Agreement including implementation of a Capacity Performance (CP) proposal and to amend sections of the Operating Agreement related to generation non-performance. The CP proposal includes performance-based penalties for non-compliance. Duke Energy Kentucky is a Fixed Resource Requirement (FRR) entity, and therefore is subject to the compliance standards through its FRR plans. A partial CP obligation will apply to Duke Energy Kentucky in the delivery year beginning June 1, 2019, with full compliance beginning June 1, 2020. Duke Energy Kentucky has developed strategies for CP compliance investments. On December 21, 2017, the KPSC issued an order approving Duke Energy Kentucky's request for a CPCN to construct an ultra-low sulfur diesel backup fuel system for the Woodsdale Station. The backup fuel system is projected to cost approximately \$55 million and is anticipated to be in service prior to the CP compliance deadline of April 2019.

## Ohio Valley Electric Corporation

On March 31, 2017, Duke Energy Ohio filed for approval to adjust its existing price stabilization rider (Rider PSR), which is currently set at zero dollars, to pass through net costs related to its contractual entitlement to capacity and energy from the generating assets owned by OVEC. The filing seeks to adjust Rider PSR for OVEC costs subsequent to April 1, 2017. Duke Energy Ohio is seeking deferral authority for net costs incurred from April 1, 2017, until the new rates under Rider PSR are put into effect. Various intervenors have filed motions to dismiss or stay the proceeding and Duke Energy Ohio has opposed these filings. See Note 13 for additional discussion of Duke Energy Ohio's ownership interest in OVEC. Duke Energy Ohio cannot predict the outcome of this matter.

# 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 facility as a result of current and proposed EPA regulations. Duke Energy Kentucky estimated a total cost of approximately \$93 million in the filing and expects in-service date by the first quarter of 2021. On June 6, 2017, the KPSC approved the CPCN request.

### Electric Base Rate Case

Duke Energy Ohio filed with the PUCO an electric distribution base rate case application and supporting testimony in March 2017. Duke Energy Ohio requested an estimated annual increase of approximately \$15 million and a return on equity of 10.4 percent. The application also includes requests to continue certain current riders and establish new riders. On September 26, 2017, the PUCO staff filed a report recommending a revenue decrease between approximately \$18 million and \$29 million and a return on equity between 9.22 percent and 10.24 percent. On February 15, 2018, the procedural schedule was suspended to facilitate ongoing settlement discussions. Duke Energy Ohio expects rates will go into effect the second quarter of 2018. Duke Energy Ohio cannot predict the outcome of this matter.

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Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4			
NOTES TO FINANCIAL STATEMENTS (Continued)						

## 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. On January 20, 2017, Duke Energy Ohio filed an amended application with the Ohio Power Siting Board for approval of one of two proposed routes. A public hearing was held on June 15, 2017, and an adjudicatory hearing was scheduled to begin September 11, 2017. On August 24, 2017, an administrative law judge (ALJ) granted a request made by Duke Energy Ohio to delay the procedural schedule while it works through various issues related to the pipeline route. If approved, construction of the pipeline extension is expected to be completed before the 2020/2021 winter season. The proposed project involves the installation of a natural gas line and is estimated to cost approximately \$110 million, excluding AFUDC.

## 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 advanced metering infrastructure. Duke Energy Kentucky estimates the \$49 million project will take two years to complete. Duke Energy Kentucky also requested approval to establish a regulatory asset for the remaining book value of existing meter equipment and inventory to be replaced. Duke Energy Kentucky and the Kentucky attorney general entered into a stipulation to settle matters related to the application. On May 25, 2017, the KPSC issued an order to approve the stipulation with certain modifications. On June 1, 2017, Duke Energy Kentucky filed its acceptance of the modifications. The deployment of AMI meters began in third quarter 2017 and is expected to be completed in early 2019. Duke Energy Ohio has approximately \$6 million included in Regulatory assets on its Consolidated Balance Sheets at December 31, 2017, for the book value of existing meter equipment.

## 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 projected total capital and operations and maintenance expenditures under the ASRP were approximately \$240 million. The filing also sought approval of a rider mechanism (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. Duke Energy Ohio's application for rehearing of the PUCO decision was denied on May 17, 2017.

## **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. 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 upon 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 January 6, 2016, Duke Energy Ohio and the PUCO Staff entered into a stipulation, pending the PUCO's approval, to resolve issues related to performance incentives and the PUCO Staff audit of 2013 costs, among other issues. In December 2015, based upon the stipulation, Duke Energy Ohio re-established approximately \$20 million of the revenues that had been previously reversed. On October 26, 2016, the PUCO issued an order approving the stipulation without modification. In December 2016, the PUCO granted the intervenors request for rehearing for the purpose of further review. Duke Energy Ohio cannot predict the outcome of this matter.

On June 15, 2016, Duke Energy Ohio filed an application for approval of a three-year energy efficiency and peak demand reduction portfolio of programs. A stipulation and modified stipulation were filed on December 22, 2016, and January 27, 2017, respectively. Under the terms of the stipulations, which included support for deferral authority of all costs and a cap on shared savings incentives, Duke Energy Ohio offered its energy efficiency and peak demand reduction programs throughout 2017. On February 3, 2017, Duke Energy Ohio filed for deferral authority of its costs incurred in 2017 in respect of its proposed energy efficiency and peak demand reduction portfolio. On September 27, 2017, the PUCO issued an order approving a modified stipulation. The modifications impose an annual cap of approximately \$38 million on program costs and shared savings incentives combined, but allowed for Duke Energy Ohio to file for a waiver of costs in excess of the cap in 2017. The PUCO approved the waiver request up to a total cost of \$56 million. On November 21, 2017, the PUCO granted Duke Energy Ohio's and intervenor's applications for rehearing of the September 27, 2017, order. On January 10, 2018, the PUCO denied the Ohio Consumers' Counsel's application for rehearing of the PUCO order granting Duke Energy Ohio's waiver request. 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.

# 2012 Natural Gas Rate Case/MGP 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 on June 29, 2017, the Ohio Supreme Court issued its decision affirming the PUCO order. Appellants filed a request for reconsideration, which was denied on September 27, 2017. This matter is now final.

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, which was subsequently extended to 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, 2017, Duke Energy Ohio had approximately, \$35 million included in Regulatory assets on the Consolidated Balance Sheets for future remediation costs expected to be incurred at the East End site.

### 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 Other Noncurrent 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, 2017, and 2016, \$50 million and \$71 million are recorded in Regulatory assets on Duke Energy Ohio's Consolidated Balance Sheets, respectively.

				Provisions/	Cash	
(in millions)	Decemb	er 31, 2016	Α	djustments	Reductions	December 31, 2017
Duke Energy Ohio	\$	90	\$	(20) \$	(4)	\$ 66

**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.

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.

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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. On June 21, 2017, a three-judge panel affirmed FERC's 2015 decision holding that Duke Energy Ohio has no liability for the cost of the MVP projects constructed after Duke Energy Ohio's withdrawal from MISO. MISO did not file further petitions for review and this matter is now final.

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NOTES TO FINANCIAL STATEMENTS (Continued)						

# **Duke Energy Indiana**

# Regulatory Assets and Liabilities

The following tables present the regulatory assets and liabilities recorded on Duke Energy Indiana's Consolidated Balance Sheets.

	 December 31,		Earns/Pays	Recovery/Refund
(in millions)	2017	2016	a Return	Period Ends
Regulatory Assets <sup>(a)</sup>				
AROs - coal ash	\$ 380 \$	276		(b)
Accrued pension and OPEB	197	222		(g)
Retired generation facilities(c)	65	73	X	2025
Net regulatory asset related to income taxes	_	119		(d)
Hedge costs deferrals	25	26		(b)
DSM/EE	21	_	(e)	(e)
Vacation accrual	11	10		2018
Deferred fuel and purchased power	18	40		2018
PISCC and deferred operating expenses <sup>(C)</sup>	274	281	Х	(b)
Gasification services agreement buyout(f)	_	8		
AMI(c)	21	46	Х	(b)
Other	131	121		(b)
Total regulatory assets	1,143	1,222		
Less: current portion	165	149		
Total noncurrent regulatory assets	\$ 978 \$	1,073		
Regulatory Liabilities <sup>(a)</sup>				
Costs of removal	\$ 644 \$	660		(d)
Net regulatory liability related to income taxes	998	_		(b)
Amounts to be refunded to customers	10	45		2018
Accrued pension and OPEB	64	72		(g)
Other	31	11		(b)
Total regulatory liabilities	1,747	788		
Less: current portion	24	40		
Total noncurrent regulatory liabilities	\$ 1,723 \$	748		

- (a) Regulatory assets and liabilities are excluded from rate base unless otherwise noted.
- (b) The expected recovery or refund period varies or has not been determined.
- (c) Included in rate base.
- (d) Recovery over the life of the associated assets.
- (e) Includes incentives on DSM/EE investments and is recovered through a tracker mechanism over a two-year period.
- (f) The IURC authorized Duke Energy Indiana to recover costs incurred to buy out a gasification services agreement, including carrying costs through 2017.
- (g) Recovered primarily over the average remaining service periods or life expectancies of employees covered by the benefit plans. See Note 21 for additional detail.

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NOTES TO FINANCIAL STATEMENTS (Continued)						

### 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 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 requested timely recovery of approximately \$380 million in retail capital costs, including AFUDC, and recovery of incremental operating and maintenance costs under a federal mandate tracker that 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 would be considered for recovery in the next rate case. Terms of the settlement agreement also require Duke Energy Indiana to perform certain reporting and groundwater monitoring. On May 24, 2017, the IURC approved the settlement agreement.

## **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.

On August 24, 2016, the IURC approved a settlement (IGCC Settlement) among Duke Energy Indiana and several intervenors to resolve disputes related to five IGCC riders (the 11th through 15th) and a subdocket to Duke Energy Indiana's fuel adjustment clause. 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 were subject to certain caps during the years of 2016 and 2017. The IGCC settlement also included 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 beginning in 2016 and not earn a carrying cost. As of December 31, 2017, deferred costs related to the project are approximately \$152 million and are included in Regulatory assets in Current Assets and Other Noncurrent Assets on Duke Energy Indiana's Consolidated Balance Sheets. Under the IGCC settlement, future IGCC riders will be filed annually with the next filing scheduled for first quarter 2018.

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.

### 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 complaints claim, among other things, that the current base rate of return on equity earned by MISO transmission owners should be reduced to 8.67 percent. On January 5, 2015, the FERC issued an order accepting the MISO transmission owners' adder of 0.50 percent 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. 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, but is subject to rehearing requests. 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. On April 14, 2017, the U.S. Court of Appeals for the District of Columbia Circuit, in *Emera Maine v. FERC*, reversed and remanded certain aspects of the methodology employed by FERC to establish rates of return on equity. This decision may affect the outcome of the complaints against Duke Energy Indiana. Duke Energy Indiana currently believes these matters will not have a material impact on its results of operations, cash flows and financial position.

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### Grid Infrastructure Improvement Plan

On December 7, 2015, Duke Energy Indiana filed a grid 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 a new statute. The 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 transmission and distribution rider (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 agreement provided for deferral accounting for depreciation and post-in-service carrying costs for AMI projects outside the 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 plan. During the third quarter of 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 in 2016, based in part on the requirement to file a base rate case in 2022 under the approved plan. Duke Energy Indiana evaluates the need for rate cases as part of its business planning, based on the outlook of emerging costs, ongoing investment and impact related to the Tax Act enacted in late 2017 and expects to file a rate case prior to the 2022 requirement. As a result, in 2017, Duke Energy Indiana recorded an additional impairment charge of approximately \$22 million. As of December 31, 2017, Duke Energy Indiana's remaining net book value of non-AMI meters is approximately \$21 million and will be depreciated through July 2020.

## 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 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 it 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. Duke Energy Indiana recorded an obligation and a regulatory asset related to the settlement amount in fourth quarter 2016. On June 30, 2017, the parties finalized a settlement agreement. Terms of the settlement included Duke Energy Indiana paying \$29 million for back damages. Additionally, the parties agreed on the method by which the contract will be bid into the market in the future. The settlement amount was paid in June 2017. The IURC issued an order on September 27, 2017, approving recovery of the settlement amount through Duke Energy Indiana's fuel clause. The IURC order has been appealed to the Indiana Court of Appeals. Duke Energy Indiana cannot predict the outcome of this matter.

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### **Piedmont**

### Regulatory Assets and Liabilities

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

	December :	31,	Earns/Pays	Recovery/Refund
(in millions)	2017	2016	a Return	Period Ends
Regulatory Assets <sup>(a)</sup>				
AROs - other	\$ 15 \$	14		(d)
Accrued pension and OPEB(c)	91	166		(f)
Derivatives - gas supply contracts	142	187		(e)
Vacation accrual(c)	10	13		2018
Deferred pipeline integrity costs(C)	42	36		2018
Amount due from customers	64	66	Х	(b)
Other	14	15		(b)
Total regulatory assets	378	497		
Less: current portion	95	124		
Total noncurrent regulatory assets	\$ 283 \$	373		
Regulatory Liabilities <sup>(a)</sup>				
Costs of removal	\$ 544 \$	528		(d)
Net regulatory liability related to income taxes	597	80		(b)
Other	3	_		(b)
Total regulatory liabilities	1,144	608		
Less: current portion	3	_		
Total noncurrent regulatory liabilities	\$ 1,141 \$	608		

- (a) Regulatory assets and liabilities are excluded from rate base unless otherwise noted.
- (b) The expected recovery or refund period varies or has not been determined.
- (c) Included in rate base.
- (d) Recovery over the life of the associated assets.
- (e) Balance will fluctuate with changes in the market. Current contracts extend into 2031.
- (f) Recovered primarily over the average remaining service periods or life expectancies of employees covered by the benefit plans. See Note 21 for additional detail.

# South Carolina Rate Stabilization Adjustment Filing

In June 2017, Piedmont filed with the PSCSC under the South Carolina Rate Stabilization Act its quarterly monitoring report for the 12-month period ending March 31, 2017. The filing included a revenue deficiency calculation and tariff rates in order to permit Piedmont the opportunity to earn the rate of return on equity of 12.6 percent established in its last general rate case. On October 4, 2017, the PSCSC approved a settlement agreement between Piedmont and the SC Office of Regulatory Staff. Terms of the settlement included implementation of rates for the 12-month period beginning November 2017 with a return on equity of 10.2 percent.

# North Carolina Integrity Management Rider Filings

In October 2017, Piedmont filed a petition with the NCUC under the Integrity Management Rider (IMR) mechanism to collect an additional \$8.9 million in annual revenues, effective December 2017, based on the eligible capital investments closed to integrity and safety projects over the six-month period ending September 30, 2017. On November 28, 2017, the NCUC approved the requested rate adjustment.

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In May 2017, Piedmont filed, and the NCUC approved, a petition under the IMR mechanism to collect an additional \$11.6 million in annual revenues, effective June 2017, based on the eligible capital investments closed to integrity and safety projects over the six-month period ending March 31, 2017.

### Tennessee Integrity Management Rider Filing

In November 2017, Piedmont filed a petition with the TPUC under the IMR mechanism to collect an additional \$3.3 million in annual revenues, effective January 2018, based on the eligible capital investments closed to integrity and safety projects over the 12-month period ending October 31, 2017. In January 2018, Piedmont filed an amended computation under the IMR mechanism, revising the proposed increase in annual revenues to approximately \$0.4 million based on the decrease in the corporate federal income tax rate effective January 1, 2018. A hearing on this matter is scheduled for March 2018.

### OTHER REGULATORY MATTERS

### Atlantic Coast Pipeline

On September 2, 2014, Duke Energy, Dominion Resources (Dominion), Piedmont and Southern Company Gas announced the formation of Atlantic Coast Pipeline, LLC (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, in part, the needs identified by Duke Energy Carolinas, Duke Energy Progress and Piedmont. Dominion will build and operate the ACP pipeline and holds a leading ownership percentage in ACP of 48 percent. Duke Energy owns a 47 percent interest through its Gas Utilities and Infrastructure segment. Southern Company Gas maintains a 5 percent interest. See Notes 12 and 17 for additional information related to Duke Energy's ownership interest.

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. On September 18, 2015, ACP filed an application with the FERC requesting a CPCN authorizing ACP to construct the pipeline. ACP executed a construction agreement in September 2016. ACP also requested approval of an open access tariff and the precedent agreements it entered into with future pipeline customers. In December 2016, FERC issued a draft Environmental Impact Statement (EIS) indicating that the proposed pipeline would not cause significant harm to the environment or protected populations. The FERC issued the final EIS in July 2017. On October 13, 2017, FERC issued an order approving the CPCN, subject to conditions. On October 16, 2017, ACP accepted the FERC order subject to reserving its right to file a request for rehearing or clarification on a timely basis. On November 9, 2017, ACP filed a request for rehearing on several limited issues. On December 12, 2017, ACP filed an answer to intervenors' request for rehearing of the certificate order and for stay of the certificate order.

In December 2017, West Virginia issued a waiver of the state water quality permit in reliance on the U.S. Army Corps of Engineers national water quality permit and Virginia issued a conditional water quality permit subject to completion of additional studies and stormwater plans. In early 2018, the FERC issued a series of Partial Notices to Proceed which authorized the project to begin limited construction-related activities along the pipeline route. North Carolina issued the state water quality permit in January 2018. The project remains subject to other pending federal and state approvals, which will allow full construction activities to begin. The ACP pipeline project has a targeted in-service date of late 2019.

Due to delays in obtaining the required permits to commence construction and the conditions imposed upon the project by the permits, ACP's project manager estimates the project's pipeline development costs have increased from a range of \$5.0 billion to \$5.5 billion to a range of \$6.0 billion and \$6.5 billion, excluding financing costs. Project construction activities, schedule and final costs are still subject to uncertainty due to potential additional permitting delays, construction productivity and other conditions and risks which could result in potential higher project costs and a potential delay in the targeted in-service date.

# 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 Enbridge Inc. (formerly 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 to construct 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 traverses 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. See Notes 12 and 17 for additional information.

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 received other required regulatory approvals and the phase one mainline was placed in service in July 2017. On October 12, 2017, Sabal Trail filed a request with FERC to place in-service a lateral line to Duke Energy Florida's Citrus County Combined Cycle facility, which remains pending. This request is required to support commissioning and testing activities at the facility.

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On September 21, 2016, intervenors filed an appeal of FERC's CPCN orders to the U.S. Court of Appeals for the District of Columbia Circuit (D.C. Circuit Court of Appeals). On August 22, 2017, the appeals court ruled against FERC in the case for failing to include enough information on the impact of greenhouse-gas emissions carried by the pipeline, vacated the CPCN order and remanded the case to FERC. In response to the August 2017 court decision, the FERC issued a draft Supplemental Environmental Impact Statement (SEIS) on September 27, 2017. On October 6, 2017, FERC and a group of industry intervenors, including Sabal Trail and Duke Energy Florida, filed separate petitions with the D.C. Circuit Court of Appeals requesting rehearing regarding the court's decision to vacate the CPCN order. On January 31, 2018, the D.C. Circuit Court of Appeals denied the requests for rehearing. On February 2, 2018, Sabal Trail filed a request with FERC for expedited issuance of its order on remand and reissuance of the CPCN. In the alternative, the pipeline requested that FERC issue a temporary emergency CPCN to allow for continued operations. On February 5, 2018, FERC issued the final SEIS but did not issue the order on remand. On February 6, 2018, FERC and the intervenors in this case each filed motions for stay with the D.C. Circuit Court to stay the court's mandate. The February 6, 2018 motions automatically stay the issuance of the court's mandate until the later of seven days after the court denies the motions or the expiration of any stay granted by the court. Both motions are pending. Sabal Trail will continue to monitor the progress and the impact to the project going forward.

## Constitution Pipeline

Duke Energy owns a 24 percent ownership interest in Constitution Pipeline Company, LLC (Constitution). 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. Before the permitting delays discussed below, Duke Energy's total anticipated contributions were approximately \$229 million. As a result of the permitting delays and project uncertainty, total anticipated contributions by Duke Energy can no longer be reasonably estimated

In December 2014, Constitution received approval from the FERC to construct and operate the proposed pipeline. However, 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. Court of Appeals for the Second Circuit (U.S. Court of Appeals) challenging the legality and appropriateness of the NYSDEC's decision and on August 18, 2017, the petition was denied in part and dismissed in part. In September 2017, Constitution filed a petition for a rehearing of portions of the decision unrelated to the water quality certification, which was denied by the U.S. Court of Appeals. In January 2018, Constitution petitioned the Supreme Court of the United States to review the U.S. Court of Appeals decision. In October 2017, Constitution filed a petition for declaratory order requesting FERC to find that the NYSDEC waived its rights to issue a Section 401 water quality certification by not acting on Constitution's application within a reasonable period of time as required by statute. This petition was based on precedent established by another pipeline's successful petition with FERC following a District of Columbia Circuit Court ruling. On January 11, 2018, FERC denied Constitution's petition. In February 2018, Constitution filed a rehearing request with FERC of its finding that the NYSDEC did not waive the Section 401 certification requirement. Constitution is currently unable to approximate an in-service date for the project due to the NYDSEC's denial of the water quality certification. The Constitution partners remain committed to the project and are evaluating next steps to move the project forward. Duke Energy cannot predict the outcome of this matter.

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.

See Notes 12 and 17 for additional information related to ownership interest and carrying value of the investment.

### Progress Energy Merger FERC Mitigation

Following the closing of the Progress Energy merger, outside counsel reviewed Duke Energy's long-term FERC 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.

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### 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, 2017, and exclude capitalized asset retirement costs.

		F	Remaining Net
	Capacity		Book Value
	(in MW)		(in millions)
Duke Energy Carolinas			
Allen Steam Station Units 1-3(a)	585	\$	163
Progress Energy and Duke Energy Florida			
Crystal River Units 1 and 2 <sup>(b)</sup>	873		107
Duke Energy Indiana			
Gallagher Units 2 and 4(C)	280		127
Total Duke Energy	1,738	\$	397

- (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 Florida expects to retire these coal units by the end of 2018 to comply with environmental regulations.
- (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.

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.

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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 permanently ceased operation in 2013 and reached a SAFSTOR condition in January 2018 after the successful transfer of all used nuclear fuel assemblies to an onsite dry cask storage facility.

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.

## **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 U.S. 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 is \$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 property damage, nuclear accident 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 accidental outage coverage for each station for losses in the event of a major accidental outage at an insured nuclear station.

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.

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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 coverage, such as business interruption, 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 and Catawba, \$462 million for Brunswick, \$448 million for Harris, \$434 million for Oconee and \$378 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.

### **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 \$146 million, \$96 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.

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

		Duke			Duke	Duke	Duke	Duke
	Duke	Energy	P	Progress	Energy	Energy	Energy	Energy
(in millions)	Energy	Carolinas		Energy	Progress	Florida	Ohio	Indiana
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
Provisions/adjustments	8	3		3	2	2	3	(4)
Cash reductions	(25)	(3)		(6)	(2)	(4)	(15)	(1)
Balance at December 31, 2017	\$ 81	\$ 10	\$	15	\$ 3	\$ 12	\$ 47	\$ 5

As of December 31, 2016, October 31, 2016, 2015 and 2014, Piedmont's environmental reserve was \$1 million. In 2017, a \$1 million provision was recorded, resulting in a reserve balance of \$2 million at December 31, 2017.

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.

(in millions)	
Duke Energy	\$ 56
Duke Energy Carolinas	19
Duke Energy Ohio	30
Piedmont	2

# 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.

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## **LITIGATION**

## **Duke Energy**

Duke Energy no longer has exposure to litigation matters related to the International 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, which the court granted. The stay was lifted on March 24, 2016, after which 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, which was granted by the Court on December 14, 2016. Plaintiffs filed an appeal to the Delaware Supreme Court on January 9, 2017. Oral argument was held on September 27, 2017. On December 15, 2017, the Delaware Supreme Court affirmed the Chancery Court's order of dismissal.

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. There was no follow-up after the records were provided; therefore, this matter has been resolved.

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. On March 30, 2017, the court granted Defendants' Motion to Dismiss on the claims relating to coal ash environmental issues and political contributions. As discussed below, a settlement agreement was approved for the merger-related claims in the Bresalier Complaint, and those claims were dismissed. On September 8, 2017, Bresalier filed a notice of appeal to the U.S. Court of Appeals for the Third Circuit (Third Circuit Court) challenging the dismissal of his coal ash and political contribution claims. On January 19 2018, Bresalier filed a stipulation of dismissal, closing this case.

### 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.

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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.

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, which was approved by the Delaware Chancery Court on July 13, 2017. The entire settlement amount was funded by insurance. The settlement amount, less court-approved attorney fees, totaled \$20 million and was paid to Duke Energy in 2017.

# **Duke Energy Carolinas and Duke Energy Progress**

## Coal Ash Insurance Coverage Litigation

In March 2017, Duke Energy Carolinas and Duke Energy Progress filed a civil action in North Carolina Superior Court against various insurance providers. The lawsuit seeks payment for coal ash-related liabilities covered by third-party liability insurance policies. The insurance policies were issued between 1971 and 1986 and provide third-party liability insurance for property damage. The civil action seeks damages for breach of contract and indemnification for costs arising from the Coal Ash Act and the EPA CCR rule at 15 coal-fired plants in North Carolina and South Carolina. Duke Energy Carolinas and Duke Energy Progress cannot predict the outcome of this matter.

## **NCDEQ Notice of Violation**

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, Southern Environmental Law Center (SELC) sent notices of intent to sue Duke Energy Carolinas and Duke Energy Progress related to alleged Clean Water Act (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 in the North Carolina Superior Court.

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.

The court issued orders in 2016 granting Motions for Partial Summary Judgment for seven of the 14 North Carolina plants with coal ash basins named in the enforcement actions. On February 13, 2017, the court issued an order denying motions for partial summary judgment brought by both the environmental groups and Duke Energy Carolinas and Duke Energy Progress for the remaining seven plants. On March 15, 2017, Duke Energy Carolinas and Duke Energy Progress filed a Notice of Appeal to challenge the trial court's order. The parties were unable to reach an agreement at mediation in April 2017. The parties submitted briefs to the court on remaining issues to be tried and a ruling is pending. On August 22, 2017, Duke Energy Carolinas and Duke Energy Progress filed a Petition for Discretionary Review, requesting the North Carolina Supreme Court to accept the appeal. On August 24, 2017, SELC filed a motion to dismiss the appeal. Duke Energy Carolinas' and Duke Energy Progress' opening appellate briefs were filed on October 12, 2017, and briefing is now complete. Argument was held on February 8, 2018.

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

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#### Federal Citizens Suits

On June 13, 2016, the Roanoke River Basin Association (RRBA) 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. On April 26, 2017, the court entered an order dismissing four of the claims in the federal citizen suit. Two claims relating to alleged violations of National Pollutant Discharge Elimination System (NPDES) permit provisions survived the motion to dismiss, and Duke Energy Progress filed its response on May 10, 2017. The parties are engaged in pre-trial discovery. Trial has been scheduled for July 9, 2018.

On March 16, 2017, RRBA served Duke Energy Progress with a Notice of Intent to Sue under the CWA for alleged violations of effluent standards and limitations at the Roxboro Plant. In anticipation of litigation, Duke Energy Progress filed a Complaint for Declaratory Relief in the U.S. District Court for the Western District of Virginia on May 11, 2017, which was subsequently dismissed. On May 16, 2017, RRBA filed a federal citizen suit in the U.S. District Court for the Middle District of North Carolina which asserts two claims relating to alleged violations of NPDES permit provisions and one claim relating to the use of nearby water bodies. The parties are engaged in pre-trial discovery. Trial has been scheduled for October 1, 2018.

On June 20, 2017, RRBA filed a federal citizen suit in the U.S. District Court for the Middle District of North Carolina challenging the closure plans at the Mayo Plant under the EPA CCR Rule. Duke Energy Progress filed a motion to dismiss, which was argued on January 30, 2018.

On August 2, 2017, RRBA filed a federal citizen suit in the U.S. District Court for the Middle District of North Carolina challenging the closure plans at the Roxboro Plant under the EPA CCR Rule. Duke Energy Progress filed a motion to dismiss on October 2, 2017.

On December 6, 2017, various parties filed a federal citizen suit in the U.S. District Court for the Middle District of North Carolina for alleged violations at Duke Energy Carolinas' Belews Creek Steam Station (Belews Creek) under the CWA. Duke Energy Carolinas filed a motion to dismiss on February 5, 2018.

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

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

## **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). Results of Comprehensive Site Assessments (CSAs) testing performed by Duke Energy under the Coal Ash Act 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 led 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 that the plan is offered. Duke Energy Carolinas and Duke Energy Progress recognized reserves of \$19 million and \$4 million, respectively.

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On August 23, 2017, a class-action suit was filed in Wake County Superior Court, North Carolina, against Duke Energy Carolinas and Duke Energy Progress on behalf of certain property owners living near coal ash impoundments at Allen, Asheville, Belews Creek, Buck, Cliffside, Lee, Marshall, Mayo and Roxboro. The class is defined as those who are well-eligible under the Coal Ash Act or those to whom Duke Energy has promised a permanent replacement water supply and seeks declaratory and injunctive relief, along with compensatory damages. Plaintiffs allege that Duke Energy's improper maintenance of coal ash impoundments caused harm, particularly through groundwater contamination. Despite NCDEQ's preliminary approval, Plaintiffs contend that Duke Energy's proposed permanent water solutions plan fails to comply with the Coal Ash Act. On September 28, 2017, Duke Energy Carolinas and Duke Energy Progress filed a Motion to Dismiss and Motion to Strike the class designation. The parties entered into a Settlement Agreement on January 24, 2018, which resulted in the dismissal of the underlying class action on January 25, 2018.

On September 14, 2017, a complaint was filed against Duke Energy Progress in New Hanover County Superior Court by a group of homeowners residing approximately 1 mile from Duke Energy Progress' Sutton Steam Plant. The homeowners allege that coal ash constituents have been migrating from ash impoundments at Sutton into their groundwater for decades and that in 2015, Duke Energy Progress discovered these releases of coal ash, but failed to notify any officials or neighbors and failed to take remedial action. The homeowners claim unspecified physical and mental injuries as a result of consuming their well water and seek actual damages for personal injury, medical monitoring and punitive damages. Duke Energy filed its Motion to Dismiss on October 27, 2017, and the hearing is scheduled for March 7, 2018.

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, 2017, there were 161 asserted claims for non-malignant cases with the cumulative relief sought of up to \$42 million and 54 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 \$489 million and \$512 million at December 31, 2017, and 2016, respectively. These reserves are classified in Other within Other Noncurrent 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 2037, 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 2037 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 \$797 million in excess of the self-insured retention. Receivables for insurance recoveries were \$585 million and \$587 million at December 31, 2017, and 2016, respectively. These amounts are classified in Other within Other Noncurrent Assets and Receivables within Current Assets 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.

## **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. On November 17, 2017, the Court awarded Duke Energy Progress and Duke Energy Florida \$48 million and \$21 million, respectively, subject to appeal. No appeals were filed and Duke Energy Progress and Duke Energy Florida will recognize the recoveries in the first quarter of 2018. Claims for all periods through 2013 have been resolved. Additional claims will be filed in 2018.

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## **Duke Energy Progress**

## Gypsum Supply Agreements Matter

On June 30, 2017, CertainTeed Gypsum NC, Inc. (CertainTeed) filed a declaratory judgment action against Duke Energy Progress in the North Carolina Business Court relating to a gypsum supply agreement. In its complaint, CertainTeed seeks an order from the court declaring that the minimum amount of gypsum Duke Energy Progress must provide to CertainTeed under the supply agreement is 50,000 tons per month through 2029. On September 28, 2017, the Court denied CertainTeed's motion for summary judgment. Discovery in the case is underway and a trial date has not been set. In light of the volatility in future production of gypsum, Duke Energy Progress 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 to the U.S. Court of Appeals. The appeal, which has been fully briefed, was heard on August 22, 2017, and a decision is pending. 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. Duke Energy Florida cannot predict the ultimate outcome of the appeal of the trial court's order.

On March 29, 2017, Westinghouse filed Chapter 11 bankruptcy in the Southern District of New York, which automatically stayed the appeal. On May 23, 2017, the bankruptcy court entered an order lifting the stay with respect to the appeal. Briefing of the appeal concluded on October 20, 2017. Oral argument in the appeal was originally set for March 2018 but has tentatively been rescheduled to May 2018, due to scheduling conflicts.

Ultimate resolution of these matters could have a material effect on the results of operations, financial position or cash flows of Duke Energy Florida. See discussion of the 2017 Settlement and the Levy Nuclear Project in Note 4 for additional information regarding recovery of costs related to Westinghouse. The 2017 Settlement does not permit recovery of any amounts paid to resolve this contract litigation.

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NOTES TO FINANCIAL STATEMENTS (Continued)					

### 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 Sixth Circuit, which has been fully briefed and argued. Duke Energy Florida cannot predict the outcome of this appeal.

## **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 and all settlement amounts have been paid. See Note 2 for further discussion on the Midwest Generation Exit.

### 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 Other Noncurrent 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.

		December 3	mber 31,	
(in millions)		2017	2016	
Reserves for Legal Matters				
Duke Energy	\$	88 \$	98	
Duke Energy Carolinas		30	23	
Progress Energy		55	59	
Duke Energy Progress		13	14	
Duke Energy Florida		24	28	
Duke Energy Ohio		_	4	
Piedmont		2	2	

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### 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. Amounts at Duke Energy Ohio were immaterial.

		Minimum Purchase Amount at December 31, 2017						
	Contract							
(in millions)	Expiration	2018	2019	2020	2021	2022	Thereafter	Total
Duke Energy Progress(a)	2019-2031 \$	68 \$	68 \$	51 \$	52 \$	30	\$ 239	\$ 508
Duke Energy Florida(b)	2021-2043	357	374	394	378	376	770	2,649

- (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.

# Gas Supply and Capacity Contracts

Duke Energy Ohio and Piedmont routinely enter into long-term natural 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.

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NOTES TO FINANCIAL STATEMENTS (Continued)					

The following table presents future unconditional purchase obligations under natural gas supply and capacity contracts as of December 31, 2017.

(in millions)	Duke Energy	Duke Energy Ohio	Piedmont
2018	\$ 314	\$ 37 \$	277
2019	280	28	252
2020	252	25	227
2021	249	26	223
2022	226	11	215
Thereafter	1,121	3	1,118
Total	\$ 2,442	\$ 130 \$	2,312

# **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 natural 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 tables present rental expense for operating leases. These amounts are included in Operation, maintenance and other on the Consolidated Statements of Operations.

	 Years Ended December 31,									
(in millions)	2017	2016	2015							
Duke Energy	\$ 241 \$	242 \$	313							
Duke Energy Carolinas	44	45	41							
Progress Energy	130	140	230							
Duke Energy Progress	75	68	149							
Duke Energy Florida	55	72	81							
Duke Energy Ohio	15	16	13							
Duke Energy Indiana	23	23	20							

	Year Ended	Two Mor	nths Ended_	Years Ended October 31,					
(in millions)	December 31, 2017	Decembe	er 31, 2016	2016	2015				
Piedmont	<b>\$</b>	7 \$	1 \$	5 \$	5				

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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.

	December 31, 2017											
			Duke				Duke		Duke	Duke	Duke	
	Duke		Energy	F	Progress		Energy		Energy	Energy	Energy	
(in millions)	Energy	(	Carolinas		Energy	F	Progress		Florida	Ohio	Indiana	Piedmont
2018	\$ 233	\$	36	\$	133	\$	77	\$	56	\$ 20	\$ 22 9	\$ 6
2019	203		29		126		72		54	12	14	5
2020	183		25		117		62		55	10	10	5
2021	150		19		97		48		49	7	8	6
2022	135		16		90		42		48	4	5	6
Thereafter	882		52		525		344		181	5	7	16
Total	\$ 1,786	\$	177	\$	1,088	\$	645	\$	443	\$ 58	\$ 66 9	\$ 44

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

	December 31, 2017									
		Duke			Duke		Duke	Duke		Duke
	Duke	Energy	F	Progress	Energy		Energy	Energy		Energy
(in millions)	Energy	Carolinas		Energy	Progress		Florida	Ohio		Indiana
2018	\$ 168	\$ 13	\$	46	\$ 21	\$	25	\$ 3	\$	2
2019	169	13		45	20		25	1		1
2020	174	13		47	21		26	_		1
2021	176	8		45	22		25	_		1
2022	169	8		45	21		24	_		1
Thereafter	745	109		323	227		95	_		38
Minimum annual payments	1,601	164		551	332		220	4		44
Less: amount representing interest	(601)	(103)	)	(283)	(192)		(91)	_		(33)
Total	\$ 1,000	\$ 61	\$	268	\$ 140	\$	129	\$ 4	\$	11

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NOTES TO FINANCIAL STATEMENTS (Continued)										

## 6. DEBT AND CREDIT FACILITIES

## **Summary of Debt and Related Terms**

The following tables summarize outstanding debt.

				Dece	mber 31, 20	17			
	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	Piedmont
Unsecured debt, maturing 2018-2073	4.17%	\$ 20,409	\$ 1,150	\$ 3,950	\$ — \$	550	\$ 900 \$	411 9	\$ 2,050
Secured debt, maturing 2018-2037	3.15%	4,458	450	1,757	300	1,457	_	_	_
First mortgage bonds, maturing 2018-2047(a)	4.51%	23,529	7,959	11,801	6,776	5,025	1,100	2,669	_
Capital leases, maturing 2018-2051(b)	4.55%	1,000	61	269	139	129	5	11	_
Tax-exempt bonds, maturing 2019-2041(c)	3.23%	941	243	48	48	_	77	572	_
Notes payable and commercial paper <sup>(d)</sup>	1.57%	2,788	_	_	_	_	_	_	_
Money pool/intercompany borrowings		_	404	955	390	_	54	311	364
Fair value hedge carrying value adjustment		6	6	_	_	_	_	_	_
Unamortized debt discount and premium, net(e)		1,582	(19)	(30)	(16)	(10)	(33)	(9)	(1)
Unamortized debt issuance costs(f)		(271)	(47)	(108)	(40)	(56)	(7)	(21)	(12)
Total debt	4.09%	\$ 54,442	\$ 10,207	18,642	\$ 7,597 \$	7,095	\$ 2,096 \$	3,944	\$ 2,401
Short-term notes payable and commercial paper	_	(2,163)	_	_	_	_	_	_	_
Short-term money pool/intercompany borrowings		_	(104)	(805)	(240)	_	(29)	(161)	(364)
Current maturities of long-term debt(9)		(3,244)	(1,205)	(771)	(3)	(768)	(3)	(3)	(250)
Total long-term debt(g)		\$ 49,035	\$ 8,898	17,066	\$ 7,354 \$	6,327	\$ 2,064 \$	3,780	\$ 1,787

- (a) Substantially all electric utility property is mortgaged under mortgage bond indentures.
- (b) Duke Energy includes \$81 million and \$603 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's commercial paper program was 14 days.
- (e) Duke Energy includes \$1,509 million and \$176 million in purchase accounting adjustments related to Progress Energy and Piedmont, respectively.
- (f) Duke Energy includes \$47 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.

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	NOTES TO FINANCIAL STATEMENTS (Continued	)	

				Dece	mber 31, 201	16			
	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	Piedmont
Unsecured debt, maturing 2017-2073	4.30%	\$ 17,812	1,150	3,551	\$ -\$	150 \$	810 \$	415 \$	1,835
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 <sup>(d)</sup>	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)	(1)
Unamortized debt issuance costs(g)		(242)	(45)	(104)	(38)	(52)	(7)	(22)	(13)
Total debt	4.07%	\$ 50,382 \$	9,603	18,270	\$ 7,011 \$	6,422 \$	5 1,900 \$	3,786 \$	1,821
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)	(35)
Total long-term debt(h)		\$ 45,576 \$	9,487	16,763	\$ 6,559 \$	5,799	5 1,883 \$	3,783 \$	1,786

- (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 purchase accounting adjustments related to the mergers with 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.

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### **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.

(in millions)	Maturity Date	Interest Rate	December 31, 2017
Unsecured Debt			
Duke Energy (Parent)	June 2018	6.250%	\$ 250
Duke Energy (Parent)	June 2018	2.100%	500
		(b	
Piedmont	December 2018	2.286%)	250
First Mortgage Bonds			
Duke Energy Carolinas	January 2018	5.250%	400
Duke Energy Carolinas	April 2018	5.100%	300
Duke Energy Florida	June 2018	5.650%	500
Duke Energy Carolinas	November 2018	7.000%	500
Other(a)			544
Current maturities of long-term debt			\$ 3,244

<sup>(</sup>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.

							D	ecember	31	, 2017					
				Duke				Duke		Duke		Duke	Duke		
		Duke		Energy	Pr	ogress		Energy		Energy	E	nergy	Energy		
(in millions)	En	ergy(a)	С	arolinas		Energy	Р	rogress		Florida		Ohio	Indiana	Р	iedmont
2018	\$	3,244	\$	1,205	\$	771	\$	3	\$	768	\$	3	\$ 3	\$	250
2019		3,563		6		2,191		903		490		548	61		_
2020		3,699		906		871		304		568		_	502		_
2021		3,760		502		1,472		602		371		48	69		159
2022		3,010		302		1,176		653		74		23	243		_
Thereafter		33,271		7,182		11,356		4,892		4,824		1,445	2,905		1,628
Total long-term debt, including current maturities	\$	50,547	\$	10,103	\$	17,837	\$	7,357	\$	7,095	\$	2,067	\$ 3,783	\$	2,037

<sup>(</sup>a) Excludes \$1,732 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.

<sup>(</sup>b) Debt has a floating interest rate.

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# 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.

			D	ece	mber 31, 20	17		
	Duke Duke Duke							Duke
	Duke		Energy		Energy		Energy	Energy
(in millions)	Energy		Carolinas		Progress		Ohio	Indiana
Tax-exempt bonds	\$ 312	\$	_	\$	_	\$	27	\$ 285
Commercial paper(a)	625		300		150		25	150
Total	\$ 937	\$	300	\$	150	\$	52	\$ 435

	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 <sup>(a)</sup>		625		300		150		25	150		
Total	\$	972	\$	335	\$	150	\$	52 \$	435		

<sup>(</sup>a) Progress Energy amounts are equal to Duke Energy Progress amounts.

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### **Summary of Significant Debt Issuances**

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

				Year Ended December 31, 2017										
						Duke		Duke		Duke		Duke		Duke
	Maturity	Interest		Duke		Energy		Energy		Energy		Energy	E	Energy
Issuance Date	Date	Rate		Energy		(Parent)	С	arolinas	P	Progress		Florida		Ohio
Unsecured Debt														
April 2017(a)	April 2025	3.364%	\$	420	\$	420	\$	_	\$	_	\$	_	\$	_
June 2017 <sup>(b)</sup>	June 2020	2.100%		330		330		_		_		_		_
August 2017 <sup>(c)</sup>	August 2022	2.400%		500		500		_		_		_		_
August 2017(c)	August 2027	3.150%		750		750		_		_		_		_
August 2017(c)	August 2047	3.950%		500		500		_		_		_		_
	(k													
December 2017 <sup>(d)</sup>	December 2019 )	2.100%		400		_		_		_		400		_
Secured Debt														
February 2017 <sup>(e)</sup>	June 2034	4.120%		587		_		_		_		_		_
August 2017 <sup>(f)</sup>	December 2036	4.110%		233		_		_		_		_		_
First Mortgage Bonds														
January 2017(g)	January 2020	1.850%		250		_		_		_		250		_
January 2017(g)	January 2027	3.200%		650		_		_		_		650		_
March 2017 <sup>(h)</sup>	June 2046	3.700%		100		_		_		_		_		100
		(	I											
September 2017 <sup>(i)</sup>	September 2020	1.500%)		300		_		_		300		_		_
September 2017 <sup>(i)</sup>	September 2047	3.600%		500		_		_		500		_		_
November 2017(j)	December 2047	3.700%		550		_		550		_		_		_
Total issuances			\$	6,070	\$	2,500	\$	550	\$	800	\$	1,300	\$	100

- (a) Proceeds were used to refinance \$400 million of unsecured debt at maturity and to repay a portion of outstanding commercial paper.
- (b) Debt issued to repay a portion of outstanding commercial paper.
- (c) Debt issued to repay at maturity \$700 million of unsecured debt, to repay outstanding commercial paper and for general corporate purposes.
- (d) Debt issued to fund storm restoration costs related to Hurricane Irma and for general corporate purposes.
- (e) Portfolio financing of four Texas and Oklahoma wind facilities. Duke Energy pledged substantially all of the assets of these wind facilities and is nonrecourse to Duke Energy. Proceeds were used to reimburse Duke Energy for a portion of previously funded construction expenditures.
- (f) Portfolio financing of eight solar facilities located in California, Colorado and New Mexico. Duke Energy pledged substantially all of the assets of these solar facilities and is nonrecourse to Duke Energy. Proceeds were used to reimburse Duke Energy for a portion of previously funded construction expenditures.
- (g) Debt issued to fund capital expenditures for ongoing construction and capital maintenance, to repay a \$250 million aggregate principal amount of bonds at maturity and for general corporate purposes.
- (h) Proceeds were used to fund capital expenditures for ongoing construction, capital maintenance and for general corporate purposes.
- (i) Debt issued to repay at maturity a \$200 million aggregate principal amount of bonds at maturity, pay down intercompany short-term debt and for general corporate purposes, including capital expenditures.
- (j) Debt issued to refinance \$400 million aggregate principal amount of bonds due January 2018, pay down intercompany short-term debt and for general corporate purposes.
- (k) Principal balance will be repaid in equal quarterly installments beginning in March 2018.
- (I) Debt issuance has a floating interest rate.

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					Year Ende	ed December	31, 2016		
				Duke	Duke	Duke	Duke	Duke	Duke
	Maturity	Interest	Duke	Energy	Energy	Energy	Energy	Energy	Energy
Issuance Date	Date	Rate	Energy	(Parent)	Carolinas	Progress	Florida	Ohio	Indiana
Unsecured Debt									
April 2016 <sup>(a)</sup>	April 2023	2.875%	\$ 350	\$ 350	\$ —	\$ —	\$ —	\$ —	\$ —
August 2016(b)	September 2021	1.800%	750	750	_	_	_	_	_
August 2016(b)	September 2026	2.650%	1,500	1,500	_	_	_	_	_
August 2016(b)	September 2046	3.750%	1,500	1,500	_	_	_	_	_
Secured Debt									
June 2016(c)	March 2020	1.196%	183	_	_	_	183	_	_
June 2016 <sup>(c)</sup>	September 2022	1.731%	150	_	_	_	150	_	_
June 2016 <sup>(c)</sup>	September 2029	2.538%	436	_	_	_	436	_	_
June 2016 <sup>(c)</sup>	March 2033	2.858%	250	_	_	_	250	_	_
June 2016 <sup>(c)</sup>	September 2036	3.112%	275	_	_	_	275	_	_
August 2016(d)	June 2034	(i 2.747%)	228	_	_	_	_	_	_
August 2016(d)	June 2020	(i 2.747%)	105	_	_	_	_	_	_
First Mortgage Bonds									
March 2016(e)	March 2023	2.500%	500	_	500	_	_	_	_
March 2016(e)	March 2046	3.875%	500	_	500	_	_	_	_
May 2016 <sup>(f)</sup>	May 2046	3.750%	500	_	_	_	_	_	500
June 2016 <sup>(e)</sup>	June 2046	3.700%	250	_	_	_	_	250	_
September 2016 <sup>(g)</sup>	October 2046	3.400%	600	_	_	_	600	_	_
September 2016(e)	October 2046	3.700%	450	_	_	450	_	_	_
November 2016(h)	December 2046	2.950%	600	_	600		_	_	_
Total issuances			\$ 9,127	\$ 4,100	\$ 1,600	\$ 450	\$ 1,894	\$ 250	\$ 500

- (a) Proceeds were used to pay down outstanding commercial paper and for general corporate purposes.
- (b) 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.
- DEFPF issued 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. The nuclear-asset recovery bonds are sequential pay amortizing bonds. The maturity date above represents the scheduled final maturity date for the bonds. See Notes 4 and 17 for additional information.

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- (d) Emerald State Solar, LLC, an indirect wholly owned subsidiary of Duke Energy entered into portfolio financing of approximately 22 North Carolina solar facilities. Tranche A of \$228 million is secured by substantially all of 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.
- (e) Proceeds were used to fund capital expenditures for ongoing construction, capital maintenance and for general corporate purposes.
- (f) 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.
- (g) 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.
- (h) 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.
- (i) Debt issuance has a floating interest rate.

In July 2016, Piedmont issued \$300 million unsecured notes maturing in November 2046 with an interest rate of 3.64%. Piedmont has the option to redeem all or part of the notes before May 1, 2046, at a redemption price equal to the greater of a) 100% of the principal amount of the notes to be redeemed, and b) the sum of the present values of the remaining scheduled payments of principal and interest on the notes to be redeemed, discounted to the date of redemption on a semi-annual basis at the Treasury Rate as defined in the indenture, as supplemented, plus 25 basis points and any accrued and unpaid interest to the date of redemption. Piedmont has the option to redeem all or part of the notes on or after May 1, 2046, at 100% of the principal amounts plus any accrued and unpaid interest to the date of redemption. Piedmont used the proceeds to fund capital expenditures, to repay short-term borrowings under Piedmont's commercial paper program and for general corporate purposes.

## **Available Credit Facilities**

In March 2017, Duke Energy amended its Master Credit Facility to increase its capacity from \$7.5 billion to \$8 billion, and to extend the termination date of the facility from January 30, 2020, to March 16, 2022. The amendment also added Piedmont as a borrower within the Master Credit Facility. Piedmont's separate \$850 million credit facility was terminated in connection with the amendment. With the amendment, the Duke Energy Registrants, excluding Progress Energy (Parent), 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.

In January 2018, Duke Energy further amended its Master Credit Facility with consenting lenders to extend \$7.65 billion of our existing \$8 billion Master Credit Facility by one year to March 16, 2023.

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

		December 31, 2017													
			Duke	Duke		Duke			Duke		Duke	Duke			
	Duke		Energy		Energy		Energy		Energy	E	Energy		Energy		
(in millions)	Energy	(	Parent)	C	arolinas	Р	Progress		Florida		Ohio		Indiana	P	Piedmont
Facility size <sup>(a)</sup>	\$ 8,000	\$	2,850	\$	1,350	\$	1,250	\$	800	\$	450	\$	600	\$	700
Reduction to backstop issuances															
Commercial paper <sup>(b)</sup>	(1,799)		(561)		(371)		(314)		_		(45)		(260)		(248)
Outstanding letters of credit	(63)		(54)		(4)		(2)		(1)		_		_		(2)
Tax-exempt bonds	(81)		_		_		_		_		_		(81)		_
Coal ash set-aside	(500)		_		(250)		(250)		_		_		_		
Available capacity	\$ 5,557	\$	2,235	\$	725	\$	684	\$	799	\$	405	\$	259	\$	450

- (a) Represents the sublimit of each borrower.
- (b) 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.

#### Three-Year Revolving Credit Facility

In June 2017, Duke Energy (Parent) entered into a three-year \$1.0 billion revolving credit facility (the Three Year Revolver). Borrowings under this facility will be used for general corporate purposes.

As of December 31, 2017, \$500 million has been drawn under the Three Year Revolver. This balance is classified as Long-Term Debt on Duke Energy's Consolidated Balance Sheets. Any undrawn commitments can be drawn, and borrowings can be prepaid, at any time throughout the term of the facility. The terms and conditions of the Three Year Revolver are generally consistent with those governing Duke Energy's Master Credit Facility.

### **Piedmont Term Loan Facility**

In June 2017, Piedmont entered into an 18-month term loan facility with commitments totaling \$250 million (the Piedmont Term Loan). Borrowings under the facility will be used for general corporate purposes.

As of December 31, 2017, the entire \$250 million has been drawn under the Piedmont Term Loan. This balance is classified as Long-Term Debt on Piedmont's Consolidated Balance Sheets. The terms and conditions of the Piedmont Term Loan are generally consistent with those governing Duke Energy's Master 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, 2017, and 2016 was \$986 million and \$1,090 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.

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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 \$650 million and \$762 million, respectively, as of December 31, 2017, and 2016.

# **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, excluding Piedmont, and 70 percent for Piedmont. 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, 2017, each of the Duke Energy Registrants was 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, 2017, and 2016, Duke Energy had loans outstanding of \$701 million, including \$38 million at Duke Energy Progress and \$661 million, including \$39 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, 2017, 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, 2017, the maximum potential amount of future payments associated with these guarantees was \$205 million, the majority of which expires by 2028.

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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, 2017, was \$326 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, \$281 million of the guarantees expire between 2019 and 2030, with the remaining performance guarantees having no contractual expiration

In October 2017, ACP executed a \$3.4 billion revolving credit facility with a stated maturity date of October 2021. Duke Energy entered into a guarantee agreement to support its share of the ACP revolving credit facility. Duke Energy's maximum exposure to loss under the terms of the guarantee is limited to 47 percent of the outstanding borrowings under the credit facility, which was \$312 million as of December 31, 2017.

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, 2017, Duke Energy had guaranteed \$81 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 that 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, 2017, Duke Energy had issued a total of \$449 million in letters of credit, which expire between 2018 and 2022. The unused amount under these letters of credit was \$66 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, 2017, the estimated maximum exposure for these indemnifications was \$89 million, most of which have no set 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.

Duke Energy recognized \$21 million and \$13 million, as of December 31, 2017, and 2016, respectively, primarily in Other within Other Noncurrent Liabilities on the Consolidated Balance Sheets, for the guarantees discussed above. 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.

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### 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.

				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) <sup>(a)</sup>	19.25%	\$ 927	\$ 651	\$ 19
Lee Combined Combustion Station(b)	86.67%	_	_	552
Duke Energy Ohio				
Transmission facilities <sup>(c)</sup>	Various	89	63	1
Duke Energy Indiana				
Gibson Station (unit 5) <sup>(d)</sup>	50.05%	348	162	9
Vermillion Generating Station(e)	62.5%	155	120	_
Transmission and local facilities(d)	Various	4,672	1,739	_

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

# 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.

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

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

		December 31, 2017							2017							
				Duke				Duke		Duke		Duke		Duke		-
		Duke		Energy	P	rogress		Energy	E	nergy	E	Energy	E	nergy		
(in millions)	E	nergy	C	arolinas		Energy	P	rogress	F	lorida		Ohio	Ir	ndiana	Piec	lmont
Decommissioning of nuclear power facilities(a)	\$	5,371	\$	1,944	\$	3,246	\$	2,564	\$	681	\$	_	\$	_	\$	_
Closure of ash impoundments		4,525		1,629		2,094		2,075		19		39		763		_
Other(b)		279		37		74		34		42		45		18		15
Total asset retirement obligation	\$ '	10,175	\$	3,610	\$	5,414	\$	4,673	\$	742	\$	84	\$	781	\$	15
Less: current portion		689		337		295		295		_		3		54		_
Total noncurrent asset retirement obligation	\$	9,486	\$	3,273	\$	5,119	\$	4,378	\$	742	\$	81	\$	727	\$	15

- (a) Duke Energy amount includes purchase accounting adjustments related to the merger with Progress Energy.
- (b) Primarily includes obligations related to asbestos removal. Duke Energy Ohio and Piedmont also include AROs related to the retirement of natural gas mains and services. Duke Energy includes AROs related to the removal of renewable energy generation assets.

#### **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 stated in 2013 or 2014 dollars, depending on the year of the cost study, and include costs to decommission plant components not subject to radioactive contamination.

	Annua	l Funding	Decommissioning	
(in millions)	Requi	rement(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 their 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.

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

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

	December 31,			
(in millions)	2017	2016		
Duke Energy	\$ 5,864 \$	5,099		
Duke Energy Carolinas	3,321	2,882		
Duke Energy Progress	2,543	2,217		

# **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. In January 2018, Crystal River Unit 3 reached a SAFSTOR status.

### Closure of Ash Impoundments

The Duke Energy Registrants are subject to state and federal regulations covering the closure of coal ash impoundments, including the EPA CCR rule and the Coal Ash Act, and other agreements. AROs recorded on the Duke Energy Registrants' Consolidated Balance Sheets include the legal obligation for closure of coal ash basins and the disposal of related ash as a result of these regulations and agreements.

The Coal Ash Act, as amended, requires excavation of the Sutton, Riverbend and Dan River basins by August 1, 2019, and Asheville basins by August 1, 2022. Excavation at these sites may include a combination of transfer of coal ash to an engineered landfill or conversion for beneficial use. Basins at the H.F. Lee, Cape Fear and Weatherspoon sites are required to be closed through excavation no later than August 1, 2028. Excavation at these sites can include conversion of the basin to a lined industrial landfill, transfer of ash to an engineered landfill or conversion for beneficial use. The remaining basins are required to be closed no later than December 31, 2024, through conversion to a lined industrial landfill, transfer to an engineered landfill or conversion for beneficial use, unless certain dam improvement projects and alternative drinking water source projects are completed by October 15, 2018. Upon satisfactory completion of these projects, the closure deadline would be extended to December 31, 2029, and could include closure through the combination of a cap system and a groundwater monitoring system.

The Coal Ash Act also required the installation and operation of three large-scale coal ash beneficiation projects to produce reprocessed ash for use in the concrete industry. Duke Energy selected the Buck, H.F. Lee and Cape Fear plants for these projects. Closure at these sites is required to be completed no later than December 31, 2029.

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·	(1) X An Original	(Mo, Da, Yr)	·				
Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4				
NOTES TO FINANCIAL STATEMENTS (Continued)							

The Coal Ash Act includes a variance procedure for compliance deadlines and other issues surrounding the management of CCR and CCR surface impoundments and prohibits 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. Closure plans and all associated permits must be approved by NCDEQ before any closure work can begin.

The EPA CCR 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. The EPA CCR rule has certain requirements which if not met could initiate impoundment closure and require closure completion within five years. The EPA CCR rule includes extension requirements, which if met could allow the extension of closure completion by up to 10 years.

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 ash 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 and other agreements. 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 on revisions made to the coal ash liability during 2017 and 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. See Note 4 for additional information on recovery of coal ash costs.

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	(1) X An Original	(Mo, Da, Yr)	-				
Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4				
NOTES TO FINANCIAL STATEMENTS (Continued)							

# **ARO Liability Rollforward**

During 2017 and 2016, the Duke Energy Registrants updated coal ash ARO liability estimates based on additional site-specific information for 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.

The following tables present 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, 2015	\$ 10,249	\$ 3,918	\$ 5,369	\$ 4,567	\$ 802	\$ 125	\$ 525
Acquisitions <sup>(a)</sup>	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
Accretion expense(b)	435	184	228	195	33	3	32
Liabilities settled(c)	(619)	(282)	(270)	(204)	(65)	(7)	(49)
Liabilities incurred in the current year(d)	51	5	_	_	_	7	29
Revisions in estimates of cash flows	(303)	(192)	(19)	(15)	(4)	4	(97)
Balance at December 31, 2017	\$ 10,175	\$ 3,610	\$ 5,414	\$ 4,673	\$ 742	\$ 84	\$ 781

<sup>(</sup>a) Duke Energy amount relates to the Piedmont acquisition. See Note 2 for additional information.

<sup>(</sup>b) Substantially all accretion expense for the years ended December 31, 2017, and 2016 relates to Duke Energy's regulated electric operations and has been deferred in accordance with regulatory accounting treatment.

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

<sup>(</sup>d) Amounts primarily relate to AROs recorded as a result of state agency closure requirements at Duke Energy Indiana.

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·	(1) X An Original	(Mo, Da, Yr)	·			
Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4			
NOTES TO FINANCIAL STATEMENTS (Continued)						

(in millions)	Piedr	nont
Balance at October 31, 2015	\$	20
Accretion expense		1
Liabilities settled		(7)
Liabilities incurred in the current year		6
Revisions in estimates of cash flows		(6)
Balance at October 31, 2016		14
Liabilities settled		(1)
Liabilities incurred in the current year		1
Balance at December 31, 2016		14
Accretion expense		1
Liabilities settled		(8)
Liabilities incurred in the current year		8
Balance at December 31, 2017	\$	15

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	04/12/2018	2017/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.

				Dece	ember 31, 20	17			
	Estimated								
	Useful		Duke		Duke	Duke	Duke	Duke	
	Life	Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)	(Years)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Land		\$ 1,559	\$ 467	\$ 767	\$ 424	\$ 343	\$ 134	\$ 111	\$ 41
Plant – Regulated									
Electric generation, distribution and transmission	8-100	93,687	35,657	39,419	24,502	14,917	4,870	13,741	_
Natural gas transmission and distribution	12-80	8,292	_	_	_	_	2,559	_	5,733
Other buildings and improvements	15-100	1,936	647	652	316	336	243	240	154
Plant – Nonregulated									
Electric generation, distribution and transmission(a)	5-30	4,273	_	_	_	_	_	_	_
Other buildings and improvements	25-35	465	_	_	_	_	_	_	_
Nuclear fuel		3,680	2,120	1,560	1,560	_	_	_	_
Equipment	3-55	2,122	402	555	416	139	348	169	266
Construction in process		6,995	2,614	3,059	1,434	1,625	350	416	231
Other	3-40	4,498	1,032	1,311	931	370	228	271	300
Total property, plant and equipment(b)(e)		127,507	42,939	47,323	29,583	17,730	8,732	14,948	6,725
Total accumulated depreciation – regulated(c)(d)(e)		(20.742)	(4E 063)	(45.057)	(40,003)	(4.047)	(2.604)	(4 662)	(4, 470)
Total accumulated depreciation – nonregulated(d)(e)		(39,742)	(15,063)	(15,857)	(10,903)	(4,947)	(2,691)	(4,662)	(1,479)
Generation facilities to be retired, net		(1,795) 421	_	421	421	_	_	_	_
Total net property, plant and equipment		\$ 86,391	\$ 27,876	\$ 31,887	\$ 19,101	\$ 12,783	\$ 6,041	\$ 10,286	\$ 5,246

- (a) Includes a pretax impairment charge of \$58 million on a wholly owned non-contracted wind project. See discussion below.
- (b) Includes capitalized leases of \$1,294 million, \$81 million, \$272 million, \$139 million, \$133 million, \$80 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 \$114 million, \$11 million and \$103 million, respectively, of accumulated amortization of capitalized leases.
- (c) Includes \$2,113 million, \$1,283 million, \$831 million and \$831 million of accumulated amortization of nuclear fuel at Duke Energy, Duke Energy Carolinas, Progress Energy and Duke Energy Progress, respectively.

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·	(1) X An Original	(Mo, Da, Yr)	·				
Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4				
NOTES TO FINANCIAL STATEMENTS (Continued)							

<sup>(</sup>d) Includes accumulated amortization of capitalized leases of \$57 million, \$11 million, \$21 million and \$9 million at Duke Energy, Duke Energy Carolinas, Duke Energy Ohio and Duke Energy Indiana, respectively.

<sup>(</sup>e) Includes gross property, plant and equipment cost of consolidated VIEs of \$3,941 million and accumulated depreciation of consolidated VIEs of \$598 million at Duke Energy.

				Dece	ember 31, 20	16			
	Estimated								
	Useful		Duke		Duke	Duke	Duke	Duke	
	Life	Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)	(Years)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Land		\$ 1,501	\$ 432	\$ 735	\$ 393	\$ 342	\$ 150	\$ 106	\$ 39
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	_	5,282
Other buildings and improvements	15-100	1,692	502	634	293	341	211	197	148
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	260
Construction in process		6,186	2,324	2,708	1,329	1,379	206	396	210
Other	5-40	4,184	904	1,206	863	332	172	226	235
Total property, plant and equipment(a)(d)		121,397	41,127	44,864	28,419	16,434	8,126	14,241	6,174
Total accumulated depreciation – regulated(b)(c)(d)		(37,831)	(14,365)	(15,212)	(10,561)	(4,644)	(2,579)	(4,317)	(1,360)
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	\$ 4,814

<sup>(</sup>a) Includes capitalized leases of \$1,355 million, \$40 million, \$288 million, \$146 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.

<sup>(</sup>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.

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NOTES TO FINANCIAL STATEMENTS (Continued)						

- (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.

During the year ended December 31, 2017, Duke Energy recorded a pretax impairment charge of \$69 million on a wholly owned non-contracted wind project. The impairment was recorded within Impairment charges on Duke Energy's Consolidated Statements of Operations. \$58 million of the impairment related to property, plant and equipment and \$11 million of the impairment related to a net intangible asset; see Note 11 for additional information. The charge represents the excess carrying value over the estimated fair value of the project, which was based on a Level 3 Fair Value measurement that was determined from the income approach using discounted cash flows. The impairment was primarily due to the non-contracted wind project being located in a market that has experienced continued declining market pricing during 2017 and declining long-term forecasted energy and capacity prices, driven by low natural gas prices, additional renewable generation placed in service and lack of significant load growth.

The following tables present capitalized interest, which includes the debt component of AFUDC.

	Years Ended December 31,						
(in millions)	20	17	2016	2015			
Duke Energy	\$ 1	28 \$	100 \$	98			
Duke Energy Carolinas		45	38	38			
Progress Energy		45	31	24			
Duke Energy Progress		21	17	20			
Duke Energy Florida		24	14	4			
Duke Energy Ohio		10	8	10			
Duke Energy Indiana		9	7	6			

	Year Ended	Two Months Ended	Years Ended October 31,	
(in millions)	December 31, 201	7 December 31, 2016	2016 2	2015
Piedmont	\$ 1	2 \$ 2	\$ 12 \$	11

### **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 \$262 million, \$216 million, and \$172 million for the years ended December 31, 2017, 2016 and 2015. As of December 31, 2017, renewable energy projects owned by Duke Energy and accounted for as operating leases had a cost basis of \$3,153 million and accumulated depreciation of \$459 million. These assets are principally classified as nonregulated electric generation and transmission assets.

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	(1) X An Original	(Mo, Da, Yr)								
Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4							
NOTES TO FINANCIAL STATEMENTS (Continued)										

### 11. GOODWILL AND INTANGIBLE ASSETS

#### Goodwill

#### **Duke Energy**

The following table presents goodwill by reportable operating segment for Duke Energy included on Duke Energy's Consolidated Balance Sheets at December 31, 2017, and 2016.

	E	lectric Utilities	(	Gas Utilities	Commercial	
(in millions)	and	Infrastructure	and In	frastructure	Renewables	Total
Goodwill Balance at December 31, 2016	\$	17,379	\$	1,924	\$ 122	\$ 19,425
Accumulated impairment charges(a)		_		_	(29)	(29)
Goodwill at December 31, 2017	\$	17,379	\$	1,924	\$ 93	\$ 19,396

(a) Duke Energy evaluated the recoverability of goodwill during 2017 and recorded impairment charges of \$29 million related to the Energy Management Solutions reporting unit within the Commercial Renewables segment. The fair value of the reporting unit was determined based on the market approach.

## **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, 2017, and 2016.

# **Progress Energy**

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

### **Piedmont**

Piedmont's Goodwill is included in the Gas Utilities and Infrastructure operating segment and there are no accumulated impairment charges. Effective with Piedmont's fiscal year being changed to December 31, as discussed in Note 1, Piedmont changed the date of its annual impairment testing of goodwill from October 31 to August 31 to align with the other Duke Energy Registrants.

# **Impairment Testing**

Duke Energy, Progress Energy, Duke Energy Ohio and Piedmont are required to perform an annual goodwill impairment test as of the same date each year and, accordingly, perform their annual impairment testing of goodwill as of August 31. Duke Energy, Progress Energy, Duke Energy Ohio and Piedmont 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. Except for the Energy Management Solutions reporting unit, the fair value of all other reporting units for Duke Energy, Progress Energy, Duke Energy Ohio and Piedmont exceeded their respective carrying values at the date of the annual impairment analysis.

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Duke Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	2017/Q4							
NOTES TO FINANCIAL STATEMENTS (Continued)										

# Intangible Assets

The following tables show the carrying amount and accumulated amortization of intangible assets included in Other within Other Noncurrent Assets on the Consolidated Balance Sheets of the Duke Energy Registrants at December 31, 2017 and 2016.

							Decembe	er 3	1, 2017			
				Duke			Duke		Duke	Duke	Duke	
		Duke		Energy	P	rogress	Energy		Energy	Energy	Energy	
(in millions)		Energy	C	Carolinas		Energy	Progress		Florida	Ohio	Indiana	Piedmont
Emission allowances	\$	19	\$	1	\$	5	\$ 2	\$	3	\$ _	\$ 13	\$ —
Renewable energy certificates		148		38		107	107		_	3	_	_
Natural gas, coal and power contracts		24		_		_	_		_	_	24	_
Renewable operating and development projects		79		_		_	_		_	_	_	_
Other	_	6		_		_	_		_	_	_	3
Total gross carrying amounts		276		39		112	109		3	3	37	3
Accumulated amortization – natural gas, coal and power contracts		(19)		_		_	_		_	_	 (19)	_
Accumulated amortization – renewable operating and development projects		(22)		_		_	_		_	_	_	_
Accumulated amortization – other		(5)		_		_	_		_	_	-	(3
Total accumulated amortization		(46)		_		_	_		_	_	(19)	(3
Total intangible assets, net	\$	230	\$	39	\$	112	\$ 109	\$	3	\$ 3	\$ 18	<b>\$</b> —

						De	CE	ember 31, 2	01	6				
				Duke				Duke		Duke	Duke	Duke		
		Duke		Energy	ı	Progress		Energy		Energy	Energy	Energy		
(in millions)		Energy	С	arolinas		Energy		Progress		Florida	Ohio	Indiana	Piedm	nont
Emission allowances	\$	19	\$	1	\$	6	9	\$ 2	\$	4	\$ _	\$ 13	\$	_
Renewable energy certificates		125		36		84		84		_	4	_		_
Natural gas, coal and power contracts		24		_		_		_		_	_	24		_
Renewable operating and development projects		97		_		_		_		_	_	_		_
Other	_	6		_		_		_		_	_	_		3
Total gross carrying amounts		271		37		90		86		4	4	37		3
Accumulated amortization – natural gas, coal and power contracts		(17)		_		_		_		_	_	(17)		_
Accumulated amortization – renewable operating and development projects		(23)		_		_		_		_	_	_		_
Accumulated amortization – other		(5)		_		_		_		_	_	_		(3)
Total accumulated amortization		(45)		_		_		_			_	(17)		(3)
Total intangible assets, net	\$	226	\$	37	\$	90	9	\$ 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	04/12/2018	2017/Q4						
NOTES TO FINANCIAL STATEMENTS (Continued)									

During the year ended December 31, 2017, Duke Energy recorded a pretax impairment charge of \$69 million on a wholly owned non-contracted wind project. The impairment was recorded within Impairment charges on Duke Energy's Consolidated Statements of Operations. \$58 million of the impairment related to property, plant and equipment and \$11 million of the impairment related to a net intangible asset that was recorded in 2007 when the project was acquired. Prior to the impairment, the gross amount of the intangible asset was \$18 million and the accumulated amortization was \$7 million. The intangible asset was fully impaired. See Note 10 for additional information.

## **Amortization Expense**

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

	 Dec		
(in millions)	2017	2016	2015
Duke Energy	\$ 7 \$	6 \$	5
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, 2017. The expected amortization expense includes estimates of emission allowances consumption and estimates of consumption of commodities such as natural 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)	2018	2019	2020	2021	2022
Duke Energy	\$ 3 \$	2 \$	2 \$	2 \$	2
Duke Energy Indiana	1	_	_	_	_

# 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.

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	s Eı	nded Decembe	r 31	,	
		2017				20	16		2015
				Equity in				Equity in	Equity in
(in millions)	In	vestments		earnings		Investments		earnings	earnings
Electric Utilities and Infrastructure	\$	89	\$	5	\$	93	\$	5	\$ (2)
Gas Utilities and Infrastructure		763		62		566		19	1
Commercial Renewables		190		(5)		185		(82)	(6)
Other		133		57		81		43	76
Total	\$	1,175	\$	119	\$	925	\$	(15)	\$ 69

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	04/12/2018	2017/Q4							
NOTES TO FINANCIAL STATEMENTS (Continued)										

During the years ended December 31, 2017, 2016 and 2015, Duke Energy received distributions from equity investments of \$13 million, \$31 million and \$104 million, respectively, which are included in Other assets within Cash Flows from Operating Activities on the Consolidated Statements of Cash Flows. During the year ended December 31, 2017, Duke Energy received distributions from equity investments of \$281 million, which are included within Cash Flows from Investing Activities on the Consolidated Statements of Cash Flows.

During the year ended December 31, 2017, the two months ended December 31, 2016, and the years ended October 31, 2016, and 2015, Piedmont received distributions from equity investments of \$4 million, \$1 million, \$26 million and \$25 million, respectively, which are included in Other assets within Cash Flows from Operating Activities and \$2 million, \$1 million, \$18 million and \$2 million, respectively, which are included within Cash Flows from Investing 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.

#### Gas Utilities and Infrastructure

The table below outlines Duke Energy's ownership interests in natural gas pipeline companies and natural gas storage facilities.

		Investment Amount (in millions)				
	Ownership	December 31,	December 31,			
Entity Name	Interest	2017	2016			
Pipeline Investments						
Atlantic Coast Pipeline, LLC <sup>(a)</sup>	47%	\$ 397	\$ 265			
Sabal Trail Transmission, LLC	7.5%	219	140			
Constitution Pipeline, LLC(a)	24%	81	82			
Cardinal Pipeline Company, LLC(b)	21.49%	11	16			
Storage Facilities						
Pine Needle LNG Company, LLC <sup>(b)</sup>	45%	13	16			
Hardy Storage Company, LLC(b)	50%	42	47			
Total Investments(C)		\$ 763	\$ 566			

- (a) During the year ended December 31, 2017, Piedmont transferred its share of ownership interest in ACP and Constitution to a wholly owned subsidiary of Duke Energy at book value.
- (b) Piedmont owns the Cardinal, Pine Needle and Hardy Storage investments.
- (c) Duke Energy includes purchase accounting adjustments related to Piedmont.

In October 2017, Duke Energy entered into a guarantee agreement to support its share of the ACP revolving credit facility. See Note 7 for additional information. As a result of the financing, ACP returned capital of \$265 million to Duke Energy.

Piedmont sold its 15 percent membership interest in SouthStar on October 3, 2016, for \$160 million resulting in an after tax gain of \$81 million during the year ended October 31, 2016. Piedmont's Equity in Earnings in SouthStar was \$19 million for the years ended October 31, 2016, and 2015.

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.

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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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

## Impairment of Equity Method Investments

Duke Energy evaluated its investment in Constitution for OTTI as of December 31, 2017. Our impairment assessment uses a discounted cash flow income approach, including consideration of the severity and duration of any decline in fair value of our investment in the project. Our key inputs involve significant management judgments and estimates, including projections of the project's cash flows, selection of a discount rate and probability weighting of potential outcomes of legal and regulatory proceedings. Based upon these estimates using information known as of December 31, 2017, the fair value of Duke Energy's investment in Constitution approximated its carrying value. As a result, Duke Energy did not recognize any impairment charge in the year ended December 31, 2017. However, due to the FERC's January 2018 ruling and the resulting increase in uncertainty, Duke Energy is evaluating the potential to recognize a pretax impairment charge on its investment in Constitution during the first quarter of 2018 of up to the current carrying amount of the investment, net of salvage value and any cash and working capital returned. For additional information on the Constitution investment, see Note 4.

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

#### 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.

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	04/12/2018	2017/Q4					
NOTES TO FINANCIAL STATEMENTS (Continued)								

	Yea	Years Ended December 31,			81,
(in millions)	201	7	2016		2015
Duke Energy Carolinas					
Corporate governance and shared service expenses(a)	\$ 85	8 \$	831	\$	914
Indemnification coverages(b)	2	3	22		24
JDA revenue(c)	4	9	38		51
JDA expense(c)	14	5	156		183
Intercompany natural gas purchases(d)		9	2		_
Progress Energy					
Corporate governance and shared service expenses(a)	\$ 73	6 \$	710	\$	712
Indemnification coverages(b)	3	8	35		38
JDA revenue(c)	14	5	156		183
JDA expense(c)	4	9	38		51
Intercompany natural gas purchases(d)	7	7	19		_
Duke Energy Progress					
Corporate governance and shared service expenses(a)	\$ 43	8 \$	397	\$	403
Indemnification coverages(b)	1	5	14		16
JDA revenue(c)	14	5	156		183
JDA expense(c)	4	9	38		51
Intercompany natural gas purchases(d)	7	7	19		_
Duke Energy Florida					
Corporate governance and shared service expenses <sup>(a)</sup>	\$ 29	8 \$	313	\$	309
Indemnification coverages(b)	2	3	21		22
Duke Energy Ohio					
Corporate governance and shared service expenses <sup>(a)</sup>	\$ 36	3 \$	356	\$	342
Indemnification coverages <sup>(b)</sup>		5	5		6
Duke Energy Indiana					
Corporate governance and shared service expenses(a)	\$ 37	0 \$	366	\$	349
Indemnification coverages(b)		8	8		9
Piedmont					
Corporate governance and shared service expenses <sup>(a)</sup>	\$ 5	0			
Indemnification coverages <sup>(b)</sup>					
(d)		2			
Intercompany natural gas sales <sup>(d)</sup>	8	6			

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

<sup>(</sup>b) 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.

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

- (c) 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 and expenses from the purchase of power pursuant to the JDA are recorded in Operating Revenues and Fuel used in electric generation and purchased power, respectively, on the Consolidated Statements of Operations and Comprehensive Income.
- (d) Piedmont provides long-term natural gas delivery service to certain Duke Energy Carolinas and Duke Energy Progress natural gas-fired generation facilities. Piedmont records the sales in Regulated natural gas revenues, and Duke Energy Carolinas and Duke Energy Progress record the related purchases in Fuel used in electric generation and purchased power on their respective Consolidated Statements of Operations and Comprehensive Income. The amounts are not eliminated in accordance with rate-based accounting regulations. For the two months ended December 31, 2016, and for sales made subsequent to the acquisition for the year ended October 31, 2016, Piedmont recorded \$14 million and \$7 million, respectively, of natural gas sales with Duke Energy. For sales made prior to the acquisition for the year ended October 31, 2016, and for the year ended October 31, 2015, Piedmont recorded \$74 million and \$83 million, respectively of natural gas sales with Duke Energy.

In addition to the amounts presented above, the Subsidiary Registrants have 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. These transactions of the Subsidiary Registrants were not material for the years ended December 31, 2017, 2016 and 2015.

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.

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

### **Equity Method Investments**

Piedmont has related party transactions as a customer of its equity method investments in natural gas storage and transportation facilities. The following table presents expenses that are included in Cost of natural gas on Piedmont's Consolidated Statements of Operations and Comprehensive Income.

		 Year Ended December 31,	Two Months Ended Decemb 31,		Years Ended Oc	tober 31,
(in millions)	Type of expense	2017	2016		2016	2015
Cardinal	Transportation Costs	\$ 8	\$	2 \$	9 \$	9
Pine Needle	Natural Gas Storage Costs	8		2	11	11
Hardy Storage	Natural Gas Storage Costs	9		2	9	9
Total		\$ 25	\$	6 \$	29 \$	29

Piedmont had accounts payable to its equity method investments of \$2 million at December 31, 2017, and 2016 related to these transactions. These amounts are included in Accounts payable 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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	1)	

#### **Intercompany Income Taxes**

Duke Energy and the Subsidiary Registrants 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 and payables for the Subsidiary Registrants.

		Duke		Duke	Duke	Duke	Duke	_
	E	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)	Cai	rolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
December 31, 2017								
Intercompany income tax receivable	\$	<b>—</b> \$	168 \$	<b>—</b> \$	44 \$	22 \$	— \$	7
Intercompany income tax payable		44	_	21	_	_	35	_
December 31, 2016								
Intercompany income tax receivable	\$	1 \$	— \$	— \$	37 \$	— \$	— \$	ъ —
Intercompany income tax payable		_	37	90	_	1	3	38

# 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. Piedmont enters into natural gas supply contracts to provide diversification, reliability and natural gas cost benefits to its customers. 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.

### **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, 2017, and 2016. 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.

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued)	)	

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, 2017										
	Duke					Duke		Duke		Duke	
	Duke		Energy		Progress		Energy		Energy	E	Energy
(in millions)	Energy	_ c	arolinas		Energy		Progress		Florida		Ohio
Cash flow hedges <sup>(a)</sup>	\$ 660	\$	_	\$	_	\$	_	\$	_ :	\$	_
Undesignated contracts	927		400		500		250		250		27
Total notional amount	\$ 1,587	\$	400	\$	500	\$	250	\$	250	\$	27

	December 31, 2016									
	Duke					Duke		Duke	Duke	
	Duke		Energy		Progress		Energy		Energy	Energy
(in millions)	 Energy		Carolinas		Energy		Progress		Florida	Ohio
Cash flow hedges <sup>(a)</sup>	\$ 750	\$	_	\$	_	\$	_	\$	<b>–</b> \$	_
Undesignated contracts	 927		400		500		250		250	27
Total notional amount	\$ 1,677	\$	400	\$	500	\$	250	\$	250 \$	27

(a) Duke Energy includes amounts related to consolidated VIEs of \$660 million and \$750 million at December 31, 2017, and 2016, respectively. During 2016, Duke Energy entered into interest rate swaps related to solar financing with an outstanding notional amount of \$300 million, including \$81 million of four-year swaps and \$219 million of 18-year swaps, at December 31, 2016. 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, including Piedmont's natural gas supply contracts. 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. The strategy and objective of these hedging programs are to use the financial instruments to reduce gas cost volatility for customers.

Name of Respondent	This Report is:	Date of Report	Year/Period of Report
	(1) X An Original	(Mo, Da, Yr)	•
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### **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	ember 31, 20	17		
		Duke		Duke	Duke	Duke	
	Duke	Energy	Progress	Energy	Energy	Energy	
	Energy	Carolinas	Energy	Progress	Florida	Indiana	Piedmont
Electricity (gigawatt-hours)	34	_	_	_	_	34	_
Natural gas (millions of dekatherms)	770	105	183	133	50	2	480
			Dece	ember 31, 20	16		
		Duke		Duke	Duke	Duke	
	Duke	Energy	Progress	Energy	Energy	Energy	
	Energy	Carolinas	Energy	Progress	Florida	Indiana	Piedmont
Electricity (gigawatt-hours)	147	_	_	_	_	147	_
Natural gas (millions of dekatherms)	890	91	269	118	151	1	529

# 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.

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	04/12/2018	2017/Q4
NOTES	TO EINANCIAL STATEMENTS (Continued	)	

Parketha Acada							_									
Derivative Assets							D	ecember	31,							
				Duke				Duke		Duke		Duke		Duke		
		Duke		Energy	F	Progress		Energy		Energy	E	Energy	ı	Energy		
(in millions)	E	nergy	С	arolinas		Energy		Progress		Florida		Ohio	ı	ndiana	Pi	edmont
Commodity Contracts																
Not Designated as Hedging Instruments																
Current	\$	34	\$	2	\$	2	\$	1	\$	1	\$	1	\$	27	\$	2
Noncurrent		1		_		1		1		_		_		_		_
Total Derivative Assets – Commodity Contracts	\$	35	\$	2	\$	3	\$	2	\$	1	\$	1	\$	27	\$	2
Interest Rate Contracts																
Designated as Hedging Instruments																
Current	\$	1	\$	_	\$	_	\$		\$	_	\$		\$		\$	_
Noncurrent		15		_		_		_		_		_		_		_
Total Derivative Assets – Interest Rate Contracts	\$	16	\$	_	\$	_	\$	_	\$	_	\$	_	\$	_	\$	_
Total Derivative Assets	\$	51	\$	2	\$	3	\$	2	\$	1	\$	1	\$	27	\$	2
		Duke		Duke Energy	F	Progress		Duke Energy		Duke Energy	E	Duke Energy	ı	Duke Energy		
(in millions)	Е	Energy	C	arolinas		Energy	ı	Progress		Florida		Ohio	ı	ndiana	Pi	edmont
Commodity Contracts																
Not Designated as Hedging Instruments																
Current	\$	36	\$	6	\$	18	\$	8	\$	10	\$	_	\$	_	\$	11
Noncurrent		146		4		10		4		_		_		_		131
Total Derivative Liabilities – Commodity Contracts	\$	182	\$	10	\$	28	\$	12	\$	10	\$	_	\$	_	\$	142
Interest Rate Contracts																
Designated as Hedging Instruments																
Designated as Hedging Instruments  Current	\$	29	\$	25	\$	_	\$	_	\$	_	\$	_	\$	_	\$	_
	\$	29 6	\$	25 —	\$	_ _	\$	_ _	\$	_ _	\$	_ _	\$	– –	\$	_ _
Current	\$		\$	25 —	\$	_ _	\$	<u>-</u> -	\$	_ _	\$	- -	\$	_ _	\$	_ _
Current Noncurrent	\$		\$	25 —	\$	_ _ _	\$	- - -	\$	- -	\$	_ _ 1	\$	_ _ _	\$	_ _ _
Current Noncurrent Not Designated as Hedging Instruments	\$	6	\$	25 —	\$	-	\$	_ _ _ _ 6	\$	_ _ _ _ 2	\$	_	\$	_ _ _	\$	_ _ 
Current  Noncurrent  Not Designated as Hedging Instruments  Current	\$	6		25 — — — —		1		_ _ 6		_ _		1 4	\$	- - -	\$	_ _ _ _ _

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	04/12/2018	2017/Q4
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Derivative Assets						C	December	31	, 2016						
			Duke				Duke		Duke		Duke		Duke		
	Duke		Energy	F	Progress		Energy		Energy		Energy	E	Energy		
(in millions)	Energy	C	arolinas		Energy	ı	Progress		Florida		Ohio	I	ndiana	Pie	dmont
<b>Commodity Contracts</b>															
Not Designated as Hedging Instruments															
Current	\$ 108	\$	23	\$	61	\$	35	\$	26	\$	4	\$	16	\$	3
Noncurrent	32		10		21		10		11		1				_
Total Derivative Assets – Commodity Contracts	\$ 140	\$	33	\$	82	\$	45	\$	37	\$	5	\$	16	\$	3
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	\$	3
Derivative Liabilities							December	31	, 2016						
			Duke				Duke		Duke		Duke		Duke		
	Duke	_	Energy	P	rogress		Energy		Energy		Energy		nergy		
(in millions)	 Energy	С	arolinas		Energy	F	Progress		Florida		Ohio	li	ndiana	Pie	dmont
Commodity Contracts															
Not Designated as Hedging Instruments															
Current	\$ 43	\$	_	\$	12	\$	_	\$	12	\$	_	\$	2	\$	35
Noncurrent	166		1		7		1		_	_			_		152
Total Derivative Liabilities – Commodity Contracts	\$ 209	\$	1	\$	19	\$	1	\$	12	\$	_	\$	2	\$	187
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	\$	2	\$	187

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N	OTES TO FINANCIAL STATEMENTS (Continued	)	

# **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	nb	er 31, 2017						
			Duke			Duke	Duke		Duke	Duke		
	Duke		Energy	Progress		Energy	Energy	E	Energy	Energy		
(in millions)	Energy	(	Carolinas	Energy		Progress	Florida		Ohio	Indiana	Pi	edmont
Current												
Gross amounts recognized	\$ 35	\$	2	\$ 2	\$	1	\$ 1	\$	1	\$ 27	\$	2
Gross amounts offset	_		_	_		-	_		_	_		_
Net amounts presented in Current Assets: Other	\$ 35	\$	2	\$ 2	\$	1	\$ 1	\$	1	\$ 27	\$	2
Noncurrent												
Gross amounts recognized	\$ 16	\$	_	\$ 1	\$	1	\$ <b>—</b>	\$	_	\$ _	\$	_
Gross amounts offset	_		_	_		_	_		_	_		_
Net amounts presented in Other Noncurrent Assets: Other	\$ 16	\$	_	\$ 1	\$	1	\$ _	\$	_	\$ _	\$	_
Derivative Liabilities				Decen	nb	er 31, 2017						
			Duke			Duke	Duke		Duke	Duke		
	Duke		Energy	Progress		Energy	Energy	E	Energy	Energy		
(in millions)	Energy	(	Carolinas	Energy		Progress	Florida		Ohio	Indiana	Pi	edmont
Current												
Gross amounts recognized	\$ 66	\$	31	\$ 19	\$	8	\$ 10	\$	1	\$ _	\$	11
Gross amounts offset	(3)		(2)	(2)		(2)	_		_	_		_
Net amounts presented in Current Liabilities: Other	\$ 63	\$	29	\$ 17	\$	6	\$ 10	\$	1	\$ _	\$	11
Noncurrent												
Gross amounts recognized	\$ 164	\$	4	\$ 17	\$	10	\$ 2	\$	4	\$ _	\$	131
Gross amounts offset	(1)		_	(1)		(1)	_			_		_
Net amounts presented in Other Noncurrent Liabilities: Other	\$ 163	\$	4	\$ 16	\$	9	\$ 2	\$	4	\$ _	\$	131

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NOT	ES TO FINANCIAL STATEMENTS (Continued	)	

Derivative Assets	_						D	ecember	31	, 2016						
				Duke				Duke		Duke		Duke		Duke		
		Duke		Energy	F	Progress		Energy		Energy	ı	Energy	E	Energy		
(in millions)	E	Energy	(	Carolinas		Energy	F	Progress		Florida		Ohio	Ir	ndiana	Pi	edmont
Current																
Gross amounts recognized	\$	111	\$	23	\$	64	\$	36	\$	28	\$	4	\$	16	\$	3
Gross amounts offset		(11)		_		(11)		_		(11)		_		_		_
Net amounts presented in Current Assets: Other	\$	100	\$	23	\$	53	\$	36	\$	17	\$	4	\$	16	\$	3
Noncurrent																
Gross amounts recognized	\$	51	\$	10	\$	21	\$	10	\$	11	\$	1	\$	_	\$	_
Gross amounts offset		(2)		(1)		(1)		(1)		_		_		_		_
Net amounts presented in Other Noncurrent Assets: Other	\$	49	\$	9	\$	20	\$	9	\$	11	\$	1	\$	_	\$	_
·																
Derivative Liabilities							D	ecember	31	, 2016						
Derivative Liabilities				Duke			D	ecember Duke	31	, 2016 Duke		Duke		Duke		
Derivative Liabilities		Duke		Duke Energy	F	Progress	D			<u></u>		Duke Energy	E	Duke Energy		
Derivative Liabilities  (in millions)		Duke Energy			F	Progress Energy		Duke		Duke	ı				Pi	edmont
	E			Energy	F	•		Duke Energy		Duke Energy	1	Energy		Energy	Pi	edmont
(in millions)				Energy Carolinas	F \$	•	F	Duke Energy		Duke Energy		Energy Ohio		Energy		edmont 35
(in millions)  Current		Energy	\$	Energy Carolinas		Energy	<b>F</b>	Duke Energy Progress		Duke Energy Florida		Energy Ohio	Ir	Energy		
(in millions)  Current  Gross amounts recognized		Energy 52	\$	Energy Carolinas	\$	12 (11)	<b>F</b>	Duke Energy Progress	\$	Duke Energy Florida	\$	Energy Ohio	lr \$	Energy	\$	
(in millions)  Current  Gross amounts recognized  Gross amounts offset  Net amounts presented in Current Liabilities:	\$	52 (11)	\$	Energy Carolinas —	\$	12 (11)	\$	Duke Energy Progress —	\$	Duke Energy Florida 12 (11)	\$	Ohio 1	lr \$	Energy ndiana 2 —	\$	35 —
(in millions)  Current  Gross amounts recognized  Gross amounts offset  Net amounts presented in Current Liabilities: Other	\$	52 (11)	\$	Energy Carolinas —	\$	12 (11)	<b>F</b> \$	Duke Energy Progress —	\$	Duke Energy Florida 12 (11)	\$	Ohio 1	\$ \$	Energy ndiana 2 —	\$	35 —
(in millions)  Current  Gross amounts recognized  Gross amounts offset  Net amounts presented in Current Liabilities: Other  Noncurrent	\$	52 (11) 41	\$	Energy Carolinas — —	\$	12 (11)	\$ \$	Duke Energy Progress	\$	Duke Energy Florida 12 (11)	\$	Energy Ohio  1 — 1	\$ \$	Energy ndiana 2 —	\$	35 — 35

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#### **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.

		D	ece	mber 31, 20	)17		
		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	\$ 59	\$ 35	\$	25	\$	15	\$ 10
Fair value of collateral already posted	_	_		_		_	_
Additional cash collateral or letters of credit in the event credit-risk-related contingent features were triggered	59	35		25		15	10

		D	)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	

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.

# 15. INVESTMENTS IN DEBT AND EQUITY SECURITIES

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

## TRADING SECURITIES

Piedmont's 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 \$1 million and \$5 million as of December 31, 2017, and 2016, respectively.

## **AVAILABLE-FOR-SALE (AFS) SECURITIES**

All other investments in debt and equity securities are classified as AFS.

Duke Energy's AFS securities are primarily comprised of investments held in (i) the nuclear decommissioning trust funds (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.

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

#### **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.

Substantially all amounts of the Duke Energy Registrants' gross unrealized holding losses as of December 31, 2017, and 2016, are considered OTTIs on investments within Investment Trusts that have been recognized immediately as a regulatory asset.

#### Other AFS Securities

Unrealized gains and losses on all other AFS 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, 2017, and 2016.

Other Investments amounts are recorded in Other within Other Noncurrent Assets on the Consolidated Balance Sheets.

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NOTES TO FINANCIAL STATEMENTS (Continued)							

# **DUKE ENERGY**

The following table presents the estimated fair value of investments in AFS securities.

	December 31, 2017			 December 31, 2016						
		Gross		Gross		 Gross		Gross		
	Unre	alized		Unrealized		Unrealized		Unrealized		
	H	olding		Holding	Estimated	Holding		Holding	ı	Estimated
(in millions)		Gains		Losses	Fair Value	Gains		Losses <sub>(a)</sub>	F	Fair Value
NDTF										
Cash and cash equivalents	\$	_	\$	_	\$ 115	\$ _	\$	_ 9	\$	111
Equity securities		2,805		27	4,914	2,092		54		4,106
Corporate debt securities		17		2	570	10		8		528
Municipal bonds		4		3	344	3		10		331
U.S. government bonds		11		7	1,027	10		8		984
Other debt securities				1	118	_		3		124
Total NDTF	\$	2,837	\$	40	\$ 7,088	\$ 2,115	\$	83 8	\$	6,184
Other Investments										
Cash and cash equivalents	\$	_	\$	_	\$ 15	\$ _	\$	_ 8	\$	25
Equity securities		59		_	123	38		_		104
Corporate debt securities		1		_	57	1		1		66
Municipal bonds		2		1	83	2		1		82
U.S. government bonds		_		_	41	_		1		51
Other debt securities		_		1	44	_		2		42
Total Other Investments	\$	62	\$	2	\$ 363	\$ 41	\$	5 \$	\$	370
Total Investments	\$	2,899	\$	42	\$ 7,451	\$ 2,156	\$	88 \$	\$	6,554

The table below summarizes the maturity date for debt securities.

(in millions)	December 31	December 31, 2017		
Due in one year or less	\$	117		
Due after one through five years		552		
Due after five through 10 years		554		
Due after 10 years		1,061		
Total	\$	2,284		

Realized gains and losses, which were determined on a specific identification basis, from sales of AFS securities were as follows.

	Years Ended December 31,				
(in millions)		2017	2016	2015	
Realized gains	\$	202 \$	246 \$	193	
Realized losses		160	187	98	

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NOTES TO FINANCIAL STATEMENTS (Continued)							

# **DUKE ENERGY CAROLINAS**

The following table presents the estimated fair value of investments in AFS securities.

	December 31, 2017				December 31, 2016				3	
		Gross		Gross			Gross		Gross	
	U	Inrealized	ı	Jnrealized			Unrealized		Unrealized	
		Holding		Holding	Estimated		Holding		Holding	Estimated
(in millions)		Gains		Losses	Fair Value		Gains		Losses <sub>(a)</sub>	Fair Value
NDTF										
Cash and cash equivalents	\$	_	\$	_	\$ 32	\$	_	\$	— \$	18
Equity securities		1,531		12	2,692		1,157		28	2,245
Corporate debt securities		9		2	359		5		6	354
Municipal bonds		_		1	60		1		2	67
U.S. government bonds		3		4	503		2		5	458
Other debt securities		_		1	112		_		3	116
Total NDTF	\$	1,543	\$	20	\$ 3,758	\$	1,165	\$	44 \$	3,258
Other Investments										
Other debt securities	\$	_	\$	_	\$ _	\$	_	\$	1 \$	3
Total Other Investments	\$	_	\$	_	\$ _	\$		\$	1 \$	3
Total Investments	\$	1,543	\$	20	\$ 3,758	\$	1,165	\$	45 \$	3,261

The table below summarizes the maturity date for debt securities.

(in millions)	December 31, 20	
Due in one year or less	\$	9
Due after one through five years		204
Due after five through 10 years		300
Due after 10 years		521
Total	\$	1,034

Realized gains and losses, which were determined on a specific identification basis, from sales of AFS securities were as follows.

	 Years End	Years Ended December 31,					
(in millions)	2017	2016	2015				
Realized gains	\$ 135 \$	157 \$	158				
Realized losses	103	121	83				

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NOTES TO FINANCIAL STATEMENTS (Continued)									

# PROGRESS ENERGY

The following table presents the estimated fair value of investments in AFS securities.

	December 31, 2017				December 31, 2016						
	Gro	ss	Gross				Gross		Gross		
	Unrealiz	ed	Unrealized				Unrealized		Unrealized		
	Holdi	ng	Holding		Estimated		Holding		Holding		Estimated
(in millions)	Gai	ns	Losses		Fair Value		Gains		Losses <sub>(a)</sub>		Fair Value
NDTF											
Cash and cash equivalents	\$	_	<b>s</b> –	\$	83	\$	_	\$	_	\$	93
Equity securities	1,2	74	15		2,222		935		26		1,861
Corporate debt securities		8	_		211		5		2		174
Municipal bonds		4	2		284		2		8		264
U.S. government bonds		8	3		524		8		3		526
Other debt securities			_		6		_		_		8
Total NDTF	\$ 1,2	94	\$ 20	\$	3,330	\$	950	\$	39	\$	2,926
Other Investments											
Cash and cash equivalents	\$	_	<b>\$</b> —	\$	12	\$	_	\$	_	\$	21
Municipal bonds		2	_		47		2		_		44
Total Other Investments	\$	2	<b>\$</b> —	\$	5 59	\$	2	\$	_	\$	65
Total Investments	\$ 1,2	96	\$ 20	\$	3,389	\$	952	\$	39	\$	2,991

The table below summarizes the maturity date for debt securities.

(in millions)	D	ecember 31, 2017
Due in one year or less	\$	94
Due after one through five years		301
Due after five through 10 years		203
Due after 10 years		474
Total	\$	1,072

Realized gains and losses, which were determined on a specific identification basis, from sales of AFS securities were as follows.

	 Years Ende	ed December 31,	
(in millions)	2017	2016	2015
Realized gains	\$ 65 \$	84 \$	33
Realized losses	56	64	13

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NOTES TO FINANCIAL STATEMENTS (Continued)									

# **DUKE ENERGY PROGRESS**

The following table presents the estimated fair value of investments in AFS securities.

	December 31, 2017				December 31, 2016					
	Gros	s	Gross				Gross		Gross	
	Unrealize	d	Unrealized				Unrealized		Unrealized	
	Holdir	g	Holding		Estimated		Holding		Holding	Estimated
(in millions)	Gair	ıs	Losses		Fair Value		Gains		Losses <sub>(a)</sub>	Fair Value
NDTF										
Cash and cash equivalents	\$ -	_	<b>\$</b> —	\$	50	\$	_	\$	_ \$	45
Equity securities	98	0	12		1,795		704		21	1,505
Corporate debt securities		6	_		149		4		1	120
Municipal bonds		4	2		283		2		8	263
U.S. government bonds		5	2		310		5		2	275
Other debt securities	-	_	_		4		_		_	5
Total NDTF	\$ 99	5	\$ 16	\$	2,591	\$	715	\$	32 \$	2,213
Other Investments										
Cash and cash equivalents	\$ -	_	<b>\$</b> —	\$	1	\$	_	\$	_ \$	5 1
Total Other Investments	\$ -	_	\$ <b>—</b>	\$	1	\$	_	\$	_ \$	5 1
Total Investments	\$ 99	5	\$ 16	\$	2,592	\$	715	\$	32 \$	3 2,214

The table below summarizes the maturity date for debt securities.

(in millions)	December 31, 20	017
Due in one year or less	\$	21
Due after one through five years	2	219
Due after five through 10 years	1	146
Due after 10 years	3	360
Total	\$ 7	746

Realized gains and losses, which were determined on a specific identification basis, from sales of AFS securities were as follows.

	 Years Ended December 31,				
(in millions)	2017	2016	2015		
Realized gains	\$ 54 \$	71 \$	26		
Realized losses	48	55	11		

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NOTES TO FINANCIAL STATEMENTS (Continued)									

## **DUKE ENERGY FLORIDA**

The following table presents the estimated fair value of investments in AFS securities.

	December 31, 2017					December 31, 2016					
		Gross		Gross				Gross		Gross	
		Unrealized		Unrealized				Unrealized		Unrealized	
		Holding		Holding		Estimated		Holding		Holding	Estimated
(in millions)		Gains		Losses		Fair Value		Gains		Losses <sub>(a)</sub>	Fair Value
NDTF											
Cash and cash equivalents	\$	_	\$	_	\$	33	\$	_	\$	— \$	48
Equity securities		294		3		427		231		5	356
Corporate debt securities		2		_		62		1		1	54
Municipal bonds		_		_		1		_		_	1
U.S. government bonds		3		1		214		3		1	251
Other debt securities		_		_		2		_		_	3
Total NDTF(a)	\$	299	\$	4	\$	739	\$	235	\$	7 \$	713
Other Investments											
Cash and cash equivalents	\$	_	\$	_	\$	1	\$	_	\$	— \$	4
Municipal bonds		2		_		47		2		_	44
Total Other Investments	\$	2	\$	_	\$	48	\$	2	\$	— \$	48
Total Investments	\$	301	\$	4	\$	787	\$	237	\$	7 \$	761

<sup>(</sup>a) During the year ended December 31, 2017, Duke Energy Florida continued to receive reimbursements from the NDTF for costs related to ongoing decommissioning activity of the Crystal River Unit 3 nuclear plant.

The table below summarizes the maturity date for debt securities.

(in millions)	С	December 31, 2017
Due in one year or less	\$	73
Due after one through five years		82
Due after five through 10 years		57
Due after 10 years		114
Total	\$	326

Realized gains and losses, which were determined on a specific identification basis, from sales of AFS securities were as follows.

	 Year	rs Ended Decembe	r 31,
(in millions)	2017	2016	2015
Realized gains	\$ 11	\$ 13	\$ 7
Realized losses	8	9	2

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NOTES TO FINANCIAL STATEMENTS (Continued)							

#### **DUKE ENERGY INDIANA**

The following table presents the estimated fair value of investments in AFS securities.

		December 31, 2017			D	ece	ember 31, 2016		
		Gross		Gross		 Gross		Gross	
	Ur	nrealized		Unrealized		Unrealized		Unrealized	
		Holding		Holding	Estimated	Holding		Holding	Estimated
(in millions)		Gains		Losses	Fair Value	Gains		Losses <sub>(a)</sub>	Fair Value
Other Investments									
Equity securities	\$	49	\$	_	\$ 97	\$ 33	\$	<b>–</b> \$	79
Corporate debt securities		_		_	3	_		_	2
Municipal bonds		_		1	28	_		1	28
U.S. government bonds		_		_	_	_		_	1
Total Other Investments	\$	49	\$	1	\$ 128	\$ 33	\$	1 \$	110
Total Investments	\$	49	\$	1	\$ 128	\$ 33	\$	1 \$	110

The table below summarizes the maturity date for debt securities.

(in millions)	Dece	ember 31, 2017
Due in one year or less	\$	5
Due after one through five years		12
Due after five through 10 years		7
Due after 10 years		7
Total	\$	31

Realized gains and losses, which were determined on a specific identification basis, from sales of AFS securities were insignificant for the years ended December 31, 2017, 2016 and 2015.

## 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, and (iii) 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.

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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 during the years ended December 31, 2017, 2016 and 2015. In addition, for Piedmont, there were no transfers between levels during the two months ended December 31, 2016, and the years ended October 31, 2016, and 2015.

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.

#### Commodity derivatives

Commodity derivatives with clearinghouses are classified as Level 1. Other commodity derivatives, including Piedmont's natural gas supply contracts, are primarily valued using internally developed discounted cash flow models that 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 natural 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 that 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.

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# **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 for all Duke Energy Registrants exclude cash collateral, which is disclosed in Note 14. See Note 15 for additional information related to investments by major security type for the Duke Energy Registrants.

	December 31, 2017						
(in millions)		Total Fair Value	Level 1	Level 2	Level 3	Not Categorized	
NDTF equity securities	\$	4,914 \$	4,840 \$	<b>-</b> \$	<b>—</b> \$	74	
NDTF debt securities		2,174	635	1,539	_	_	
Other AFS equity securities		123	123	_	_	_	
Other trading and AFS debt securities		241	57	184	_	_	
Derivative assets		51	3	20	28	_	
Total assets		7,503	5,658	1,743	28	74	
Derivative liabilities		(230)	(2)	(86)	(142)	_	
Net assets (liabilities)	\$	7,273 \$	5,656 \$	1,657 \$	(114)\$	74	

	December 31, 2016							
(in millions)		Total Fair Value	Level 1	Level 2	Level 3	Not Categorized		
NDTF equity securities	\$	4,106 \$	4,029 \$	<b>—</b> \$	<b>—</b> \$	77		
NDTF debt securities		2,078	632	1,446	_	_		
Other trading and AFS equity securities		104	104	_	_	_		
Other trading and AFS 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	\$	6,464 \$	4,843 \$	1,705 \$	(161)\$	77		

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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 Cost of natural gas on the Duke Energy Registrants' Consolidated Statements of Operations and Comprehensive Income. Amounts included in changes of net assets on the Duke Energy Registrants' Consolidated Balance Sheets are included in regulatory assets or liabilities. All derivative assets and liabilities are presented on a net basis.

	D	ecember 31, 2017		December 31, 2016			
(in millions)	Investments	Derivatives (net)	Total	Investments	Derivatives (net)	Total	
Balance at beginning of period	\$ 5	\$ (166)	\$ (161)	\$ 5	\$ 10	\$ 15	
Total pretax realized or unrealized gains included in comprehensive income	1	_	1	_	_	_	
Derivative liability resulting from the acquisition of Piedmont	_	_	_	_	(187)	(187)	
Purchases, sales, issuances and settlements:							
Purchases	_	55	55	_	33	33	
Sales	(6)	_	(6)	_	_	_	
Settlements	_	(47)	(47)	_	(28)	(28)	
Total gains included on the Consolidated Balance Sheet	_	44	44	_	6	6	
Balance at end of period	<b>\$</b> —	\$ (114)	\$ (114)	\$ 5	\$ (166)	\$ (161)	

## **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.

	December 31, 2017						
(in millions)		Total Fair Value	Level 1	Level 2	Level 3	Not Categorized	
NDTF equity securities	\$	2,692 \$	2,618 \$	<b>—</b> \$	<b>—</b> \$	74	
NDTF debt securities		1,066	204	862	_	_	
Derivative assets		2	_	2	_	_	
Total assets		3,760	2,822	864	_	74	
Derivative liabilities		(35)	(1)	(34)	_	_	
Net assets	\$	3,725 \$	2,821 \$	830 \$	<b>-</b> \$	74	

	December 31, 2016						
(in millions)		Total Fair Value	Level 1	Level 2	Level 3	Not Categorized	
NDTF equity securities	\$	2,245 \$	2,168 \$	— \$	<b>—</b> \$	77	
NDTF debt securities		1,013	178	835	_	_	
Other AFS 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	

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NOTES TO FINANCIAL STATEMENTS (Continued)							

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

	 Investments				
	 Years Ended Decembe	er 31,			
(in millions)	2017	2016			
Balance at beginning of period	\$ 3 \$	3			
Total pretax realized or unrealized gains included in comprehensive income	1	_			
Purchases, sales, issuances and settlements:					
Sales	(4)	_			
Balance at end of period	\$ <b>–</b> \$	3			

## **PROGRESS ENERGY**

The following table provides recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets.

	<b>December 31, 2017</b>					December 31, 2016		
(in millions)	7	Γotal Fair Value	Level 1	Level 2	Total Fair Value	Level 1	Level 2	
NDTF equity securities	\$	2,222 \$	2,222 \$	- \$	1,861 \$	1,861 \$	_	
NDTF debt securities		1,108	431	677	1,065	454	611	
Other AFS debt securities		59	12	47	65	21	44	
Derivative assets		3	1	2	85	_	85	
Total assets		3,392	2,666	726	3,076	2,336	740	
Derivative liabilities		(36)	(1)	(35)	(25)	_	(25)	
Net assets	\$	3,356 \$	2,665 \$	691 \$	3,051 \$	2,336 \$	715	

## **DUKE ENERGY PROGRESS**

The following table provides recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets.

		Decer	nber 31, 201	December 31, 2016			
(in millions)	Т	otal Fair Value	Level 1	Level 2	Total Fair Value	Level 1	Level 2
NDTF equity securities	\$	1,795 \$	1,795 \$	_ :	\$ 1,505 \$	1,505 \$	_
NDTF debt securities		796	243	553	708	207	501
Other AFS debt securities		1	1	_	1	1	_
Derivative assets		2	1	1	46	_	46
Total assets		2,594	2,040	554	2,260	1,713	547
Derivative liabilities		(18)	(1)	(17)	(7)	_	(7)
Net assets	\$	2,576 \$	2,039 \$	537	\$ 2,253 \$	1,713 \$	540

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## **DUKE ENERGY FLORIDA**

The following table provides recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets.

	December 31, 2017				December 31, 2016			
(in millions)	To	otal Fair Value	Level 1	Level 2	То	tal Fair Value	Level 1	Level 2
NDTF equity securities	\$	427 \$	427 \$	_	\$	356 \$	356 \$	_
NDTF debt securities		312	188	124		357	247	110
Other AFS debt securities		48	1	47		48	4	44
Derivative assets		1	_	1		39	_	39
Total assets		788	616	172		800	607	193
Derivative liabilities		(12)	_	(12)		(12)	_	(12)
Net assets	\$	776 \$	616 \$	160	\$	788 \$	607 \$	181

## **DUKE ENERGY OHIO**

The following table provides recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets.

	December 31, 2017				December 31, 2016			
(in millions)	 Total Fair Value	Level 2	Level 3	Tota	al Fair Value	Level 2	Level 3	
Derivative assets	\$ 1 :	\$ <b>—</b>	\$ 1	\$	5 9	\$ -	\$ 5	
Derivative liabilities	(5)	(5)	_		(6)	(6)	_	
Net (liabilities) assets	\$ (4):	\$ (5)	\$ 1	\$	(1)	\$ (6)	\$ 5	

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	er 31,			
(in millions)	2017	2016			
Balance at beginning of period	\$ 5 \$	3			
Purchases, sales, issuances and settlements:					
Purchases	3	5			
Settlements	(4)	(5)			
Total gains included on the Consolidated Balance Sheet	(3)	2			
Balance at end of period	\$ 1 \$	5			

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## **DUKE ENERGY INDIANA**

The following table provides recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets.

		December 31, 2017				December 31, 2016				
(in millions)	Total F	air Value	Level 1	Level 2	Level 3	Total	Fair Value	Level 1	Level 2	Level 3
Other AFS equity securities	\$	97 \$	97 \$	<b>—</b> \$	_	\$	79 \$	79 \$	— \$	_
Other AFS debt securities		31	_	31	_		31	_	31	_
Derivative assets		27	_	_	27		16	_	_	16
Total assets		155	97	31	27		126	79	31	16
Derivative liabilities		_	_	_	_		(2)	(2)	_	_
Net assets	\$	155 \$	97 \$	31 \$	27	\$	124 \$	77 \$	31 \$	16

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)					
	 ears Ended December	er 31,				
(in millions)	2017	2016				
Balance at beginning of period	\$ 16 \$	7				
Purchases, sales, issuances and settlements:						
Purchases	52	29				
Settlements	(43)	(24)				
Total gains included on the Consolidated Balance Sheet	2	4				
Balance at end of period	\$ 27 \$	16				

# **PIEDMONT**

The following table provides recorded balances for assets and liabilities measured at fair value on a recurring basis on the Consolidated Balance Sheets.

	December 31, 2017				December 31, 2016			
(in millions)	Total Fa	ir Value	Level 1	Level 3	Total Fair Value	Level 1	Level 3	
Other trading equity securities	\$	<b>—</b> \$	<b>—</b> \$	_	\$ 4.5	4 \$	S —	
Other trading debt securities		1	1	_	1	1	_	
Derivative assets		2	2	_	3	3	_	
Total assets		3	3	_	8	8	_	
Derivative liabilities		(142)	_	(142)	(187)	_	(187)	
Net assets	\$	(139)\$	3 \$	(142)	\$ (179)\$	8 \$	(187)	

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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)				
	Y	ear Ended	Two Months Ended	Year Ended	
(in millions)	Dece	ember 31, 2017	December 31, 2016	October 31, 2016	
Balance at beginning of period	\$	(187)	\$ (188)	\$ —	
Total gains (losses) and settlements		45	1	(188)	
Balance at end of period	\$	(142)	\$ (187)	\$ (188)	

## QUANTITATIVE INFORMATION ABOUT UNOBSERVABLE INPUTS

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

	December 31, 2017						
	Fair Valu	ue					
Investment Type	(in millions)		Valuation Technique	Unobservable Input		Range	
Duke Energy Ohio	_						
FTRs	\$	1	RTO auction pricing	FTR price – per MWh	\$	0.07 -\$	1.41
Duke Energy Indiana							
FTRs		27	RTO auction pricing	FTR price – per MWh		(0.77) –	7.44
Piedmont							
Natural gas contracts	('	142)	Discounted cash flow	Forward natural gas curves - price per MMBtu		2.10 -	2.88
Duke Energy							
Total Level 3 derivatives	\$ (*	114)					

	December 31, 2016																							
	Fair Va	alue																						
Investment Type	(in millions)		(in millions)		(in millions)		(in millions)		(in millions)		(in millions)		(in millions)		(in millions)		(in millions)		(in millions)		Valuation Technique	Unobservable Input	Range	
Duke Energy Ohio																								
FTRs	\$	5	RTO auction pricing	FTR price – per MWh	0.77 -	3.52																		
Duke Energy Indiana																								
FTRs		16	RTO auction pricing	FTR price – per MWh	(0.83) –	9.32																		
Piedmont																								
Natural gas contracts		(187)	Discounted cash flow	Forward natural gas curves - price per MMBtu	2.31 -	4.18																		
Duke Energy																								
Total Level 3 derivatives	\$	(166)																						

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#### 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, 2017			December 31, 2016			
(in millions)		Book Value	Fair Value	Book Value	Fair Value		
Duke Energy	\$	52,279 \$	55,331 \$	47,895 \$	49,161		
Duke Energy Carolinas		10,103	11,372	9,603	10,494		
Progress Energy		17,837	20,000	17,541	19,107		
Duke Energy Progress		7,357	7,992	7,011	7,357		
Duke Energy Florida		7,095	7,953	6,125	6,728		
Duke Energy Ohio		2,067	2,249	1,884	2,020		
Duke Energy Indiana		3,783	4,464	3,786	4,260		
Piedmont		2,037	2,209	1,821	1,933		

At both December 31, 2017, and December 31, 2016, fair value of cash and cash equivalents, accounts and notes receivable, accounts payable, notes payable and commercial paper and nonrecourse 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, 2017, 2016 and 2015, 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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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	Duke Energy	ergy Duke En			
		_	Carolinas	Progress		Florida		
	CR	С	DERF	DEPR		DEFR		
Expiration date	December 202	0 [	December 2020	February 2019		April 2019		
Credit facility amount (in millions)	\$ 32	5 \$	450	\$ 300	\$	225		
Amounts borrowed at December 31, 2017	32	5	450	300		225		
Amounts borrowed at December 31, 2016	32	5	425	300		225		

#### Nuclear Asset-Recovery Bonds - DEFPF

Duke Energy Florida Project Finance, LLC (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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The following table summarizes the impact of DEFPF on Duke Energy Florida's Consolidated Balance Sheets.

(in millions)	December 31, 2017	December 31, 2016
Receivables of VIEs \$	4 \$	6
Regulatory Assets: Current	51	50
Current Assets: Other	40	53
Other Noncurrent Assets: Regulatory assets	1,091	1,142
Current Liabilities: Other	10	17
Current maturities of long-term debt	53	62
Long-Term Debt	1,164	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	nber 31, 2017	December 31, 2016
Current Assets: Other	\$	174 \$	223
Property, plant and equipment, cost		3,923	3,419
Accumulated depreciation and amortization		(591)	(453)
Current maturities of long-term debt		170	198
Long-Term Debt		1,700	1,097
Other Noncurrent Liabilities: Deferred income taxes		(148)	275
Other Noncurrent Liabilities: Other		241	252

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## **NON-CONSOLIDATED VIEs**

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

	December 31, 2017											
		Duke Energy								Duke		Duke
		Pipeline	(	Commercial		Other				Energy		Energy
(in millions)	Inv	estments	F	Renewables		VIEs(a)		Total		Ohio		Indiana
Receivables from affiliated companies	\$	_	\$	_	\$	_	\$	_	\$	87	\$	106
Investments in equity method unconsolidated affiliates		697		180		42		919		_		_
Other noncurrent assets		17		_		_		17		_		_
Total assets	\$	714	\$	180	\$	42	\$	936	\$	87	\$	106
Taxes accrued		(29)		_		_		(29)		_		_
Other current liabilities		_		_		4		4		_		_
Deferred income taxes		42		_		_		42		_		_
Other noncurrent liabilities		_		_		12		12		_		_
Total liabilities	\$	13	\$	_	\$	16	\$	29	\$	_	\$	_
Net assets	\$	701	\$	180	\$	26	\$	907	\$	87	\$	106

(a) Duke Energy holds a 50 percent equity interest in Duke-American Transmission Company, LLC (DATC). As of December 31, 2016, DATC was considered a VIE due to having insufficient equity to finance its own activities without subordinated financial support. However, DATC is no longer considered a VIE based on sufficient equity to finance its own activities, and, therefore, is no longer considered a VIE as of December 31, 2017. Duke Energy's investment in DATC was \$46 million at December 31, 2017.

		December 31, 2016										
				Duke Eı	nerg	ly			Duke		Duke	
	Pipe	eline	Co	ommercial					Energy		Energy	
(in millions)	Investm	ents	Re	enewables		Other		Total	Ohio		Indiana	Piedmont (a)
Receivables from affiliated companies	\$	_	\$	_	\$	_	\$	_ 8	82	\$	101	\$ —
Investments in equity method unconsolidated affiliates		487		174		90		751	_		_	139
Other noncurrent assets		12		_		_		12	_		_	_
Total assets	\$	499	\$	174	\$	90	\$	763	82	\$	101	\$ 139
Other current liabilities		_		_		3		3	_		_	_
Other noncurrent liabilities		_		_		13		13	_		_	4
Total liabilities	\$	_	\$	_	\$	16	\$	16	5 —	\$	_	\$ 4
Net assets	\$	499	\$	174	\$	74	\$	747	82	\$	101	\$ 135

<sup>(</sup>a) In April 2017, Piedmont transferred its non-consolidated VIE investments to a wholly owned subsidiary of Duke Energy. See Note 12 and the "Pipeline Investments" section below for additional detail.

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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 Other noncurrent 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)			
	Ownership	December 31,	December 31,			
Entity Name	Interest	2017	2016			
ACP	47%	\$ 397	\$ 265			
Sabal Trail	7.5%	219	140			
Constitution	24%	81	82			
Total		\$ 697	\$ 487			

#### **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.

### Other VIEs

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.

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#### 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 Ene	rgy Ohio	Duke Enerç	gy Indiana
	2017	2016	2017	2016
Anticipated credit loss ratio	0.5%	0.5%	0.3%	0.3%
Discount rate	2.1%	1.5%	2.1%	1.5%
Receivable turnover rate	13.5%	13.3%	10.7%	10.6%

The following table shows the gross and net receivables sold.

	Duke Energy Ohio	0	Duke Energy Indiana				
(in millions)	2017	2016	2017	2016			
Receivables sold	\$ 273 \$	267 \$	312	\$ 306			
Less: Retained interests	87	82	106	101			
Net receivables sold	\$ 186 \$	185 \$	206	\$ 205			

The following table shows sales and cash flows related to receivables sold.

	Duke Energy Ohio						Duke Energy Indiana					
		Years	Ended Decem	ber 3	31,		Year	Years Ended December 31,				
(in millions)		2017	2016	1	2015		2017		2016	2015		
Sales												
Receivables sold	\$	1,879	\$ 1,926	\$	1,963	\$	2,711	\$	2,635 \$	2,627		
Loss recognized on sale		10	9		9		12		11	11		
Cash Flows												
Cash proceeds from receivables sold		1,865	1,882		1,995		2,694		2,583	2,670		
Collection fees received		1	1		1		1		1	1		
Return received on retained interests		3	2		3		7		5	5		

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.

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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, as adjusted for distributed and undistributed earnings allocated to participating securities, by the weighted average number of common shares 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 shares outstanding during the period. Diluted EPS reflects the potential dilution that could occur if securities or other agreements to issue common shares, such as stock options and equity forward sale agreements, 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.

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 Ended December 3			· 31,		
(in millions, except per share amounts)		2017		2016		2015
Income from continuing operations attributable to Duke Energy common stockholders excluding impact of participating securities	\$	3,059	\$	2,567	\$	2,640
Weighted average shares outstanding – basic		700		691		694
Weighted average shares outstanding – diluted		700		691		694
Earnings per share from continuing operations attributable to Duke Energy common stockholders						
Basic	\$	4.37	\$	3.71	\$	3.80
Diluted	\$	4.37	\$	3.71	\$	3.80
Potentially dilutive items excluded from the calculation <sup>(a)</sup>		2		2		2
Dividends declared per common share	\$	3.49	\$	3.36	\$	3.24

<sup>(</sup>a) Performance stock awards were not included in the dilutive securities calculation because the performance measures related to the awards had not been met.

#### **Equity Distribution Agreement**

On February 20, 2018, Duke Energy filed a prospectus supplement and executed an Equity Distribution Agreement (the EDA) under which it may sell up to \$1 billion of its common stock through an at-the-market offering program, including an equity forward sales component. The EDA was entered into with Wells Fargo Securities, LLC, Citigroup Global Markets Inc., and J.P. Morgan Securities LLC (the Agents). Under the terms of the EDA, Duke Energy may issue and sell, through either of the Agents, shares of common stock during the period ending September 23, 2019.

In addition to the issuance and sales of shares by Duke Energy through the Agents, Duke Energy may enter into Equity Forward Agreements with affiliates of the Agents as Forward Purchasers. There were no transactions under the EDA from the time of execution of the EDA to the filing of this document.

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#### 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. As a result of the acquisition, all of Piedmont's issued and outstanding stock became the issued and outstanding shares of a wholly owned subsidiary of Duke Energy. See Note 2 for additional information related to 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 its strategic planning processes, Duke Energy implemented targeted cost savings initiatives during 2016 and 2015 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.

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 continue to be implemented and are a part of the synergies expected to be realized with the acquisition. Refer to Note 2 for additional information on the Piedmont acquisition.

Severance benefit costs for initiatives and plans discussed above were accrued for a total of approximately 100 employees in 2017, 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.

		Duke		Duke	Duke	Duke	Duke	
	Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont <sup>(a)</sup>
Year Ended December 31, 2017	\$ 15 \$	2 9	2 \$	1 \$	1 \$	<b>—</b> \$	1	\$ 9
Year Ended December 31, 2016	118	39	40	23	17	3	7	
Year Ended December 31, 2015	142	93	36	28	8	2	6	

(a) Piedmont severance benefit costs were \$3 million for the two months ended December 31, 2016, and \$19 million for the year ended October 31, 2016. Piedmont did not record any severance benefit costs for the year ended October 31, 2015.

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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	
	ı	Duke	Energy	Progress	Energy	Energy	
(in millions)	En	nergy	Carolinas	Energy	Progress	Florida	Piedmont
Balance at December 31, 2016	\$	79 \$	13 \$	14 9	6 9	\$ 8	\$ 20
Provision/Adjustments		17	2	_	_	_	9
Cash Reductions		(77)	(10)	(12)	(5)	(8)	(24)
Balance at December 31, 2017	\$	19 \$	5 \$	2 9	1 :	<b>5</b> —	\$ 5

## 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.

(in millions)		2017	2016	2015
Duke Energy	\$	43 \$	35 \$	38
Duke Energy Carolinas		15	12	14
Progress Energy		16	12	14
Duke Energy Progress		10	7	9
Duke Energy Florida		6	5	5
Duke Energy Ohio		3	2	2
Duke Energy Indiana		4	3	4
Piedmont(a)		3		

(a) See discussion below for information on Piedmont's pre-merger stock-based compensation plans.

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)	2017		2016		2015
Restricted stock unit awards	\$ 41	\$	36	\$	38
Performance awards	27		19		23
Pretax stock-based compensation cost	\$ 68	\$	55	\$	61
Tax benefit associated with stock-based compensation expense	\$ 25	\$	20	\$	23
Stock-based compensation costs capitalized	4		2		3

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### **RESTRICTED STOCK UNIT AWARDS**

Restricted stock unit (RSU) 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,			
	2017	2016	2015	
Shares awarded (in thousands)	583	684	524	
Fair value (in millions)	\$ 47 \$	52 \$	41	

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, 2016	1,139	\$ 76
Granted	583	80
Vested	(553)	76
Forfeited	(48)	78
Outstanding at December 31, 2017	1,121	78
Restricted stock unit awards expected to vest	1,094	78

The total grant date fair value of shares vested during the years ended December 31, 2017, 2016 and 2015 was \$42 million, \$38 million and \$41 million, respectively. At December 31, 2017, Duke Energy had \$29 million of unrecognized compensation cost, which is expected to be recognized over a weighted average period of twenty-three months.

#### PERFORMANCE AWARDS

Stock-based performance awards generally vest after three years if performance targets are met.

Performance awards granted in 2017, 2016 and 2015 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 2017, the model used a risk-free interest rate of 1.5 percent, which reflects the yield on three-year Treasury bonds as of the grant date, and an expected volatility of 17.2 percent based on Duke Energy's historical volatility over three years using daily stock prices.

In addition to TSR, performance awards granted in 2017 and 2016 contain a performance condition based on Duke Energy's cumulative adjusted EPS. Performance awards granted in 2017 also contain a performance condition based on the total incident case rate, one of our key employee safety metrics. The actual number of shares issued will range from zero to 200 percent of target shares depending on the level of performance achieved.

The following table includes information related to stock-based performance awards.

	 Years Ended December 31,			
	2017	2016	2015	
Shares granted assuming target performance (in thousands)	461	338	321	
Fair value (in millions)	\$ 37 \$	25 \$	26	

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The following table summarizes information about stock-based performance awards outstanding and assumes payout at the target level.

		Weighted Average
	Shares	Grant Date Fair Value
	(in thousands)	(per share)
Outstanding at December 31, 2016	862	\$ 75
Granted	461	81
Forfeited	(258)	69
Outstanding at December 31, 2017	1,065	79
Stock-based performance awards expected to vest	1,034	79

No performance awards vested during the year ended December 31, 2017. The total grant date fair value of shares vested during the years ended December 31, 2016 and 2015 was \$25 million and \$26 million, respectively. At December 31, 2017, Duke Energy had \$34 million of unrecognized compensation cost, which is expected to be recognized over a weighted average period of twenty-three months.

#### STOCK OPTIONS

Stock options, when granted, have 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. There were no stock options granted or exercised during the year ended December 31, 2017. There were no stock options outstanding at December 31, 2017.

The following table summarizes additional information related to stock options exercised and granted.

	Y	Years Ended Decemb			
(in millions)		2016		2015	
Intrinsic value of options exercised	\$	1	\$	5	
Tax benefit related to options exercised		_		2	
Cash received from options exercised		7		17	

### **PIEDMONT**

Prior to Duke Energy's acquisition of Piedmont, Piedmont had an incentive compensation plan that had a series of three-year performance and RSU awards for eligible officers and other participants. The Agreement and Plan of Merger (Merger Agreement) between Duke Energy and Piedmont provided for the conversion of the 2014-2016 and 2015-2017 performance awards and the nonvested 2016 RSU award into the right to receive \$60 cash per share upon the close of the transaction. In December 2015, Piedmont's board of directors authorized the accelerated vesting, payment and taxation of the 2014-2016 and 2015-2017 performance awards, as well as the 2016 RSU award, at the election of the participant. Substantially all participants elected to accelerate the settlement of these awards. As a result of the settlement of these awards, 194 thousand shares of Piedmont shares were issued to participants, net of shares withheld for applicable federal and state income taxes, at a closing price of \$56.85 and a fair value of \$11 million. The 2016-2018 performance award cycle was approved subsequent to the Merger Agreement and was converted into a Duke Energy RSU award as discussed above at the consummation of the acquisition.

Piedmont's stock-based compensation costs and the tax benefit associated with stock-based compensation expense are included in the following table. Piedmont's stock-based compensation costs were not material for the two months ended December 31, 2016.

	 Years Ended Octobe				
(in millions)	2016	2015			
Pretax stock-based compensation cost	\$ 16 \$	14			
Tax benefit associated with stock-based compensation expense	6	4			
Net of tax stock-based compensation cost	\$ 10 \$	10			

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#### 21. EMPLOYEE BENEFIT PLANS

#### **DEFINED BENEFIT RETIREMENT PLANS**

Duke Energy and certain subsidiaries maintain, and the Subsidiary Registrants participate in, qualified, non-contributory defined benefit retirement plans. The Duke Energy plans cover most 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, age or age and years of service and interest credits. Certain employees are eligible for benefits that use a final average earnings formula. Under these final 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 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 that cover certain executives. The qualified and non-qualified, non-contributory defined benefit retirement plans that cover certain executives.

Duke Energy approved plan amendments to restructure its qualified non-contributory defined benefit retirement plans, effective January 1, 2018. The restructuring involved (i) the spin-off of the majority of inactive participants from two plans into a separate inactive plan and (ii) the merger of the active participant portions of such plans, along with a pension plan acquired as part of the Piedmont transaction, into a single active plan. Benefits offered to the plan participants remain unchanged except that the Piedmont plan's final average earnings formula was frozen as of December 31, 2017, and affected participants were moved into the active plan's cash balance formula. Actuarial gains and losses associated with the Inactive Plan will be amortized over the remaining life expectancy of the inactive participants. The longer amortization period is expected to lower Duke Energy's 2018 pretax qualified pension plan expense by approximately \$33 million.

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.

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 qualified defined benefit pension plans.

				Duke			Duke		Duke		Duke		Duke		
		Duke		Energy	F	Progress	Energy	ı	Energy	E	Energy		Energy		
(in millions)	E	nergy	Ca	arolinas		Energy	Progress	ı	Florida		Ohio	ı	Indiana	Pied	mont(a)
Anticipated Contributions:															
Total anticipated 2018 contributions	\$	148	\$	46	\$	45	\$ 25	\$	20	\$	_	\$	8	\$	7
Contributions made January 2, 2018		141		46		45	25		20		_		8		_
Contributions to be made in 2018	\$	7	\$	_	\$	_	\$ _	\$	_	\$	_	\$	_	\$	7
Contributions Made:															
2017	\$	19	\$	_	\$	_	\$ _	\$	_	\$	4	\$	_	\$	11
2016		155		43		43	24		20		5		9		
2015		302		91		83	42		40		8		19		

(a) Piedmont contributed \$10 million to its U.S. qualified defined benefit pension plan during the two months ended December 31, 2016, and for each of the years ended October 31, 2016, and 2015, respectively.

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# **QUALIFIED PENSION PLANS**

## **Components of Net Periodic Pension Costs**

					Yea	ar	Ended De	cei	mber 31, 2	017	7			
			Duke				Duke		Duke		Duke	Duke		
	Duke		Energy	Pro	ogress		Energy		Energy		Energy	Energy		
(in millions)	Energy	С	arolinas		Energy		Progress		Florida		Ohio	Indiana	Pie	dmont
Service cost	\$ 159	\$	48	\$	45	\$	26	\$	19	\$	4	\$ 9	\$	10
Interest cost on projected benefit obligation	328		79		100		47		53		18	26		14
Expected return on plan assets	(545)		(142)		(167)		(82)		(85)		(27)	(42)		(24)
Amortization of actuarial loss	146		31		52		23		29		5	12		11
Amortization of prior service credit	(24)		(8)		(3)		(2)		(1)		(1)	(2)		(2)
Settlement charge	12		_		_		_		_		_	_		12
Other	8		2		2		1		1		_	1		1
Net periodic pension costs(a)(b)	\$ 84	\$	10	\$	29	\$	13	\$	16	\$	(1)	\$ 4	\$	22

	Year Ended December 31, 2016										
			Duke				Duke	Duke	Duke		Duke
		Duke	Energy	F	Progress		Energy	Energy	Energy		Energy
(in millions)		Energy	Carolinas		Energy	ı	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

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	04/12/2018	2017/Q4
	IOTES TO FINANCIAL STATEMENTS (Continued	1)	

	Year Ended December 31, 2015											
		D	uke				Duke		Duke	Duke		Duke
	Duke	Ene	ergy	F	Progress		Energy		Energy	Energy		Energy
(in millions)	Energy	Caroli	inas		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

- (a) Duke Energy amounts exclude \$7 million, \$8 million and \$9 million for the years ended December 2017, 2016 and 2015, 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 \$3 million, \$4 million and \$4 million for the years ended December 2017, 2016 and 2015, respectively, of regulatory asset amortization resulting from purchase accounting adjustments associated with Duke Energy's merger with Cinergy in April 2006.

		Piedmont										
	Two Months	Ended	Years Ended Oct	tober 31,								
(in millions)	December 3	1, 2016	2016	2015								
Service cost	\$	2 \$	11 \$	11								
Interest cost on projected benefit obligation		2	9	12								
Expected return on plan assets		(4)	(24)	(24)								
Amortization of actuarial loss		2	8	9								
Amortization of prior service credit		(1)	(2)	(2)								
Settlement charge		3	_	_								
Net periodic pension costs	\$	4 \$	2 \$	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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

# Amounts Recognized in Accumulated Other Comprehensive Income and Regulatory Assets

					Yea	ır l	Ended De	cer	nber 31, 201	7				
			Duke				Duke		Duke		Duke	Duke		
	Duke		Energy	F	Progress		Energy		Energy	Е	nergy	Energy		
(in millions)	Energy	С	arolinas		Energy	ı	Progress		Florida		Ohio	Indiana	Pied	lmont
Regulatory assets, net (decrease) increase	\$ (212)	\$	(70)	\$	(49)	\$	(37)	\$	(11) \$		9	\$ (19)	\$	(64)
Accumulated other comprehensive loss (income)														
Deferred income tax expense	\$ _		_		3		_		_		_	_		_
Prior year service cost arising during the year	1		_		_		_		_		_	_		_
Amortization of prior year actuarial losses	(7)		_		(7)		_		_		_	_		_
Net amount recognized in accumulated other comprehensive income	\$ (6)	\$	_	\$	(4)	\$	_	\$	_ _ \$		_	\$ _	\$	_

					Year End	led	Decembe	r 3	1, 2016		
			Duke				Duke		Duke	Duke	Duke
	Duke		Energy	ı	Progress		Energy		Energy	Energy	Energy
(in millions)	Energy	C	arolinas		Energy		Progress		Florida	Ohio	Indiana
Regulatory assets, net increase	\$ 214	\$	4	\$	34	\$	18	\$	16	\$ 2	\$ 9
Accumulated other comprehensive (income) loss											
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)	\$	_	\$	(1)	\$	_	\$	_	\$ _	\$ _

Piedmont's regulatory asset net increase was \$34 million, \$35 million and \$20 million for the two months ended December 31, 2016, and for the years ended October 31, 2016, and 2015, respectively.

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	04/12/2018	2017/Q4
N	IOTES TO FINANCIAL STATEMENTS (Continued	)	

# Reconciliation of Funded Status to Net Amount Recognized

					Ye	ar	Ended De	cen	nber 31, 20	017	7				
			Duke				Duke		Duke		Duke	Duke			
	Duke		Energy	F	Progress		Energy		Energy		Energy	Energy			
(in millions)	Energy	С	arolinas		Energy	ı	Progress		Florida		Ohio	Indiana	Pie	Piedmont	
Change in Projected Benefit Obligation															
Obligation at prior measurement date	\$ 8,131	\$	1,952	\$	2,512	\$	1,158	\$	1,323	\$	447	\$ 658	\$	344	
Service cost	159		48		45		26		19		4	9		10	
Interest cost	328		79		100		47		53		18	26		14	
Actuarial loss	455		68		158		57		99		35	26		38	
Transfers	_		27		(32)		(2)		(15)		12	_		_	
Plan amendments	(61)		_		_		_		_			_		(61)	
Benefits paid	(537)		(145)		(146)		(75)		(69)		(37)	(50)		(5)	
Benefits paid - settlements	(27)		_		_		_		_		_	_		(27)	
Obligation at measurement date	\$ 8,448	\$	2,029	\$	2,637	\$	1,211	\$	1,410	\$	479	\$ 669	\$	313	
Accumulated Benefit Obligation at measurement date	\$ 8,369	\$	2,029	\$	2,601	\$	1,211	\$	1,375	\$	468	\$ 652	\$	313	
Change in Fair Value of Plan Assets															
Plan assets at prior measurement date	\$ 8,531	\$	2,225	\$	2,675	\$	1,290	\$	1,352	\$	428	\$ 657	\$	346	
Employer contributions	19		_		_		_		_		4	_		11	
Actual return on plan assets	1,017		265		317		153		161		51	77		43	
Benefits paid	(537)		(145)		(146)		(75)		(69)		(37)	(50)		(5)	
Benefits paid - settlements	(27)		_		_		_		_		_	_		(27)	
Transfers			27		(32)		(2)		(15)		12				
Plan assets at measurement date	\$ 9,003	\$	2,372	\$	2,814	\$	1,366	\$	1,429	\$	458	\$ 684	\$	368	
Funded status of plan	\$ 555	\$	343	\$	177	\$	155	\$	19	\$	(21)	\$ 15	\$	55	

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	04/12/2018	2017/Q4
NOTES TO FINA	NCIAL STATEMENTS (Continued	1	_

					Year End	le	d December	31	I, 2016		
			Duke				Duke		Duke	Duke	Duke
	Duke		Energy	F	Progress		Energy		Energy	Energy	Energy
(in millions)	Energy	Ca	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	9	1,158	\$	1,323	\$ 447	\$ 658
Accumulated Benefit Obligation at measurement date	\$ 8,006	\$	1,952	\$	2,479	9	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	9	1,290	\$	1,352	\$ 428	\$ 657
Funded status of plan	\$ 400	\$	273	\$	163	9	132	\$	29	\$ (19)	\$ (1)

Name of Respondent	This Report is:	Date of Report	Year/Period of Report
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Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

		Piedm	ont
	Two Mo	onths Ended	Years Ended
(in millions)	Decem	ber 31, 2016	October 31, 2016
Change in Projected Benefit Obligation			
Obligation at prior measurement date	\$	352	\$ 312
Service cost		2	11
Interest cost		2	9
Actuarial gain		(5)	34
Benefits paid		(1)	(14)
Impact of settlements		(6)	_
Obligation at measurement date	\$	344	\$ 352
Accumulated Benefit Obligation at measurement date	\$	289	\$ 296
Change in Fair Value of Plan Assets			
Plan assets at prior measurement date	\$	343	\$ 329
Employer contributions		10	10
Actual return on plan assets		_	18
Benefits paid		(1)	(14)
Impact of settlements		(6)	_
Plan assets at measurement date	\$	346	\$ 343
Funded status of plan	\$	2	\$ (9)

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·	(1) X An Original	(Mo, Da, Yr)	
Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4
	JOTES TO FINANCIAL STATEMENTS (Continued	)	

# Amounts Recognized in the Consolidated Balance Sheets

						Decembe	r 3	1, 2017				
			Duke			Duke		Duke	Duke	Duke		
	Duke		Energy	ı	Progress	Energy		Energy	Energy	Energy		
(in millions)	Energy	C	arolinas		Energy	Progress		Florida	Ohio	Indiana	Pi	edmont
Prefunded pension(a)	\$ 680	\$	343	\$	245	\$ 155	\$	87	\$ 8	\$ 16	\$	55
Noncurrent pension liability(b)	\$ 125	\$	_	\$	68	\$ _	\$	68	\$ 29	\$ 1	\$	_
Net asset (liability) recognized	\$ 555	\$	343	\$	177	\$ 155	\$	19	\$ (21)	\$ 15	\$	55
Regulatory assets	\$ 1,886	\$	406	\$	756	\$ 341	\$	415	\$ 90	\$ 152	\$	73
Accumulated other comprehensive (income) loss												
Deferred income tax benefit	\$ (41)	\$	_	\$	(3)	\$ _	\$	_	\$ _	\$ _	\$	_
Prior service credit	(5)		_		_	_		_	_	_		_
Net actuarial loss	116		_		9	_		_	_	_		_
Net amounts recognized in accumulated other comprehensive loss	\$ 70	\$	_	\$	6	\$ _	\$	_	\$ _	\$ _	\$	_
Amounts to be recognized in net periodic pension costs in the next year												
Unrecognized net actuarial loss	\$ 132	\$	29	\$	44	\$ 21	\$	23	\$ 5	\$ 7	\$	11
Unrecognized prior service credit	(32)		(8)		(3)	(2)		(1)	_	(2)		(9)

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued)	1	

						De	ecember 3	1,	2016				
			Duke				Duke		Duke	Duke	Duke		
	Duke		Energy	ı	Progress		Energy		Energy	Energy	Energy		
(in millions)	Energy	C	arolinas		Energy	ı	Progress		Florida	Ohio	Indiana	Pi	edmont
Prefunded pension(a)	\$ 518	\$	273	\$	225	\$	132	\$	91	\$ 6	\$ _		3
Noncurrent pension liability(b)	\$ 118	\$	_	\$	62	\$	_	\$	62	\$ 25	\$ 1		
Net asset recognized	\$ 400	\$	273	\$	163	\$	132	\$	29	\$ (19)	\$ (1)	\$	3
Regulatory assets	\$ 2,098	\$	476	\$	805	\$	378	\$	426	\$ 81	\$ 171	\$	137
Accumulated other comprehensive (income) loss													
Deferred income tax benefit	\$ (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													
Unrecognized net actuarial loss	\$ 147	\$	31	\$	52	\$	23	\$	29	\$ 5	\$ 8	\$	13
Unrecognized prior service credit	\$ (24)	\$	(8)	\$	(3)	\$	(2)	\$	(1)	\$	\$ (2)	\$	(2)

- (a) Included in Other within Other Noncurrent Assets on the Consolidated Balance Sheets.
- (b) Included in Accrued pension and other post-retirement benefit costs on the Consolidated Balance Sheets.

# Information for Plans with Accumulated Benefit Obligation in Excess of Plan Assets

	December 31, 2017				
	 Duke			Duke	
	Duke	Progress	Energy	Energy	
(in millions)	Energy	Energy	Florida	Ohio	
Projected benefit obligation	\$ 1,386 \$	718 \$	718 \$	337	
Accumulated benefit obligation	1,326	683	683	326	
Fair value of plan assets	1,260	650	650	308	

	 December 31, 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	

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Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

## **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 13 years for Duke Energy and Duke Energy Progress, 12 years for Duke Energy Carolinas, Progress Energy, and Duke Energy Florida, 14 years for Duke Energy Ohio and Duke Energy Indiana, and nine years for Piedmont.

The following tables present the assumptions or range of assumptions used for pension benefit accounting.

		December 31,					
	2017	2016	2015				
Benefit Obligations							
Discount rate	3.60%	4.10%	4.40%				
Salary increase	3.50% - 4.00%	4.00% - 4.50%	4.00% - 4.40%				
Net Periodic Benefit Cost							
Discount rate	4.10%	4.40%	4.10%				
Salary increase	4.00% - 4.50%	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%	6.50%				

	Piedr	Piedmont				
	Two Months Ended		Ended per 31,			
	December 31, 2016	2016	2015			
Benefit Obligations						
Discount rate	4.10%	3.80%	4.34%			
Salary increase	4.50%	4.05%	4.07%			
Net Periodic Benefit Cost						
Discount rate	3.80%	4.34%	4.13%			
Salary increase	4.05%	4.07%	3.68%			
Expected long-term rate of return on plan assets	6.75%	7.25%	7.50%			

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Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/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	Piedmont
Years ending December 31,								
2018	\$ 642	\$ 185 \$	161 \$	85 \$	75 \$	36 \$	47	\$ 29
2019	644	185	164	86	77	36	46	26
2020	661	195	172	90	80	36	44	24
2021	666	194	175	93	81	37	44	24
2022	672	197	176	92	83	36	44	23
2023-2027	3,099	865	888	449	435	166	210	103

# NON-QUALIFIED PENSION PLANS

# **Components of Net Periodic Pension Costs**

	Year Ended December 31, 2017							
		Duke		Duke	Duke	Duke	Duke	_
	Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Service cost	\$ 2	\$ 1	\$ <u> </u>	\$ <b>—</b> \$	<b>—</b> \$	<b>—</b> \$	<u> </u>	_
Interest cost on projected benefit obligation	13	1	5	1	2	_	_	_
Amortization of actuarial loss	8	_	2	1	1	_	_	_
Amortization of prior service credit	(2)	_	_	_	_	_	_	_
Net periodic pension costs	\$ 21	\$ 2	\$ 7	\$ 2\$	3 \$	<b>—</b> \$	<b>—</b> \$	· –

	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
Service cost	\$ 2 \$	— 9	S — 9	\$ — \$	<b>—</b> \$	— \$	_
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 \$	<b>—</b> \$	_

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	04/12/2018	2017/Q4					
NOTES TO EINANCIAL 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
Service cost	\$ 3 9	\$ - 9	1 :	\$ -\$	— \$	— \$	_
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 :	\$ 15	6 9	\$ 2\$	4 \$	<b>—</b> \$	1

		Piedmont						
		Years Ended Oc	tober 31,					
(in millions)		2016	2015					
Amortization of prior service cost	\$	<b>—</b> \$	1					
Settlement charge		1	_					
Net periodic pension costs	\$	1 \$	1					

# Amounts Recognized in Accumulated Other Comprehensive Income and Regulatory Assets and Liabilities

		Year Ended December 31, 2017								
	Duke			Duke	Duke	Duke	Duke			
		Duke Energy Pi		Progress	Energy	Energy	Energy	Energy		
(in millions)	Е	nergy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont	
Regulatory assets, net (decrease) increase	\$	5 \$	(1)\$	3	\$ 1	\$ 2 \$	<b>.</b>	\$ <u> </u>	<b>-</b>	
Accumulated other comprehensive (income) loss										
Deferred income tax benefit	\$	(1)\$	- \$	_	\$ <u> </u>	\$ <u> </u>	<b>.</b> — :	<b>\$</b> — :	<b>-</b>	
Actuarial loss arising during the year		2	_	_	_	_	_	_	_	
Net amount recognized in accumulated other comprehensive loss (income)	\$	1 \$	<b>—</b> \$	_	\$ <b>–</b>	\$ _ <u>.</u>	-	\$ —	-	

	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	
Regulatory assets, net (decrease) increase	\$	(3)\$	(2)\$	2 9	\$ 1\$	1 \$	<b>—</b> \$	(1)	
Accumulated other comprehensive (income) loss								_	
Prior service credit arising during the year	\$	(1)\$	_ \$	S — S	\$ -\$	—\$	— \$	_	
Actuarial gains arising during the year		1	_	_	_	_	_	_	
Net amount recognized in accumulated other comprehensive loss (income)	\$	<b>—</b> \$	— <b>9</b>	s — :	\$ -\$	- \$	<b>-</b> \$	_	

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	04/12/2018	2017/Q4						
NOTES TO FINANCIAL STATEMENTS (Continued)									

# Reconciliation of Funded Status to Net Amount Recognized

	Year Ended December 31, 2017								
			Duke		Duke	Duke	Duke	Duke	
		Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)		Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Change in Projected Benefit Obligation									
Obligation at prior measurement date	\$	332 \$	14 9	114 \$	33 \$	46 \$	4 \$	3 9	\$ 4
Service cost		2	1	_	_	_	_	_	_
Interest cost		13	1	5	1	2	_	_	_
Actuarial losses (gains)		15	_	5	4	2	_	_	_
Benefits paid		(31)	(2)	(8)	(3)	(3)	_	_	_
Obligation at measurement date	\$	331 \$	14 9	116 \$	35 \$	47 \$	4 \$	3 9	\$ 4
Accumulated Benefit Obligation at measurement date	\$	331 \$	5 14 \$	116 \$	35 \$	47 \$	4 \$	3 :	§ 4
Change in Fair Value of Plan Assets									
Benefits paid	\$	(31)\$	(2)	(8)	(3)\$	(3)\$	— \$	— :	<b>—</b>
Employer contributions		31	2	8	3	3	_	_	_
Plan assets at measurement date	\$	<b>—</b> \$	;	· - 9	<del>-</del> \$	<b>—</b> \$	<b>—</b> \$	_;	<del>-</del>

	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
Change in Projected Benefit Obligation								
Obligation at prior measurement date	\$	341 \$	16 9	\$ 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 9	\$ 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	\$	<b>—</b> \$	— ;	\$ —	\$ -\$	<b>—</b> \$	— \$	_

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	04/12/2018	2017/Q4						
NOTES TO FINANCIAL STATEMENTS (Continued)									

		Piedmont						
	Two Mon	ths Ended	Years Ended					
(in millions)	Decembe	er 31, 2016	October 31, 2016					
Change in Projected Benefit Obligation								
Obligation at prior measurement date	\$	5 5	6					
Actuarial gain		(1)	_					
Impact of settlements		_	(1)					
Obligation at measurement date	\$	4 9	5					
Accumulated Benefit Obligation at measurement date	\$	_ ;	5					
Change in Fair Value of Plan Assets								
Plan assets at prior measurement date	\$	_ :	§ 1					
Impact of settlements		_	(1)					
Plan assets at measurement date	\$	_ ;	· —					

# Amounts Recognized in the Consolidated Balance Sheets

	December 31, 2017							
		Duke		Duke	Duke	Duke	Duke	
	Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Current pension liability <sup>(a)</sup>	\$ 23 \$	2 9	8 9	3 \$	3 \$	<b>—</b> \$	_ :	\$ <u> </u>
Noncurrent pension liability(b)	308	12	108	32	44	4	3	4
Total accrued pension liability	\$ 331 \$	14 9	116	35 \$	47 \$	4 \$	3	\$ 4
Regulatory assets	\$ 78 \$	4 9	21 9	8 \$	13 \$	1 \$	_:	\$ 1
Accumulated other comprehensive (income) loss								
Deferred income tax benefit	\$ (4)\$	<u> </u>	(3)	- \$	<b>—</b> \$	<b>—</b> \$	—	\$ <u> </u>
Prior service credit	(1)	_	_	_	_	_	_	_
Net actuarial loss	12	_	9	_	_	_	_	_
Net amounts recognized in accumulated other comprehensive loss	\$ 7 \$	;	6 :	- \$	<b>—</b> \$	<b>—</b> \$	_ :	<b>\$</b> —
Amounts to be recognized in net periodic pension expense in the next year								
Unrecognized net actuarial loss	\$ 8 \$		2 9	1 \$	1 \$	<b>—</b> \$	_:	\$ <b>—</b>
Unrecognized prior service credit	(2)	_	_	_	_	_	_	_

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Duke Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	2017/Q4
N	NOTES TO FINANCIAL STATEMENTS (Continued	)	

	December 31, 2016										
		Duke		Duke	Duke	Duke	Duke				
(in millions)	Duke Energy	Energy Carolinas	Progress Energy	Energy Progress	Energy Florida	Energy Ohio	Energy Indiana	Piedmont			
Current pension liability(a)	\$ 28 9	\$ 2	\$ 8	\$ 2\$	3 \$	<b>—</b> \$	— \$	_			
Noncurrent pension liability(b)	304	12	106	31	43	4	3	4			
Total accrued pension liability	\$ 332 9	14	\$ 114	\$ 33 \$	46 \$	4 \$	3 \$	4			
Regulatory assets	\$ 73 9	5	\$ 18 :	\$ 7\$	11 \$	1 \$	<b>—</b> \$	1			
Accumulated other comprehensive (income) loss											
Deferred income tax benefit	\$ (3)	<b>—</b>	\$ (3)	\$ -\$	— \$	— \$	— \$	_			
Prior service credit	(1)	_	_	_	_	_	_	_			
Net actuarial loss	10	_	9	_	_	_	_	_			
Net amounts recognized in accumulated other comprehensive loss	\$ 6 9	· —	\$ 6	\$ <b>—</b> \$	<b>—</b> \$	-\$	<b>—</b> \$	_			
Amounts to be recognized in net periodic pension expense in the next year											
Unrecognized net actuarial loss	\$ 7 9	· —	\$ 25	\$ 1\$	1 \$	<b>-</b> \$	<b>—</b> \$	_			
Unrecognized prior service credit	\$ (2)	<b>5</b> —	\$ -:	\$ -\$	<b>—</b> \$	<b>—</b> \$	<b>—</b> \$	_			

- (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.

### Information for Plans with Accumulated Benefit Obligation in Excess of Plan Assets

	 December 31, 2017											
	 Duke Duke Duke					Duke	Duke					
	Duke	Energy	Progress	Energy	Energy	Energy	Energy					
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont				
Projected benefit obligation	\$ 331	\$ 14.9	116	\$ 35 \$	47 \$	4 \$	3	\$ 4				
Accumulated benefit obligation	331	14	116	35	47	4	3	4				

	December 31, 2016										
	Duke Duke Duke Duke										
	Duke	Energy	Progress	Energy	Energy	Energy	Energy				
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont			
Projected benefit obligation	\$ 332	\$ 14 \$	114 \$	33 \$	46 \$	4 \$	3 \$	6 4			
Accumulated benefit obligation	332	14	114	33	46	4	3	4			

### **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.

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	NOTES TO FINANCIAL STATEMENTS (Continued	)	

The average remaining service period of active covered employees is 11 years for Duke Energy and Duke Energy Progress, 14 years for Progress Energy, 15 years for Duke Energy Florida, eight years for Duke Energy Carolinas, Duke Energy Ohio, and Duke Energy Indiana, and nine years for Piedmont. The following tables present the assumptions used for pension benefit accounting.

	Decen	December 31,					
	2017	2016	2015				
Benefit Obligations							
Discount rate	3.60%	4.10%	4.40%				
Salary increase	3.50% - 4.00%	4.40%	4.40%				
Net Periodic Benefit Cost							
Discount rate	4.10%	4.40%	4.10%				
Salary increase	4.40%	4.40%	4.40%				

	Piedr	Piedmont					
	Two Months Ended	Years   Octob					
	December 31, 2016	2016	2015				
Benefit Obligations							
Discount rate	4.10%	3.80%	3.85%				
Net Periodic Benefit Cost							
Discount rate	3.80%	3.85%	3.69%				

## **Expected Benefit Payments**

	Duke		Duke	Duke	Duke	Duke		
	Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Years ending December 31,								
2018	\$ 23	\$ 25	\$ 85	3 \$	3 \$	— \$	_ 9	\$ —
2019	21	1	8	2	3	_	_	_
2020	21	1	8	2	3	_	_	_
2021	22	1	8	2	3	_	_	_
2022	25	1	8	2	3	_	_	_
2023-2027	117	6	36	11	15	1	1	2

## 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 copayments.

Duke Energy did not make any pre-funding contributions to its other post-retirement benefit plans during the years ended December 31, 2017, 2016 or 2015.

Name of Respondent	This Report is:	Date of Report	Year/Period of Report
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Duke Energy Carolinas, LLC	(2) _ A Resubmission	04/12/2018	2017/Q4
N	IOTES TO FINANCIAL STATEMENTS (Continued	)	

# **Components of Net Periodic Other Post-Retirement Benefit Costs**

	Year Ended December 31, 2017													
			Duke				Duke		Duke		Duke	Duke		
	Duke		Energy	P	rogress		Energy	E	nergy		Energy	Energy		
(in millions)	Energy	C	Carolinas		Energy		Progress	F	lorida		Ohio	Indiana	Pied	mont
Service cost	\$ 4	\$	1	\$	_	\$	<b>—</b> \$	\$	_	\$	_	\$ _	\$	1
Interest cost on accumulated post-retirement benefit obligation	34		8		13		7		6		1	3		1
Expected return on plan assets	(14)		(8)		_		_		_		_	(1)		(2)
Amortization of actuarial loss (gain)	10		(2)		21		12		9		(2)	(1)		1
Amortization of prior service credit	(115)		(10)		(84)		(54)		(30)		_	(1)		_
Curtailment credit (c)	\$ (30)	\$	(4)	\$	(16)	\$	— \$	\$	(16)	\$	(2)	\$ (2)	\$	_
Net periodic post-retirement benefit costs(a)(b)	\$ (111)	\$	(15)	\$	(66)	\$	(35) \$	\$	(31)	\$	(3)	\$ (2)	\$	1

	Year Ended December 31, 2016											
			Duke				Duke		Duke		Duke	Duke
	Duke		Energy		Progress		Energy	ı	Energy		Energy	Energy
(in millions)	Energy	(	Carolinas		Energy		Progress	l	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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued)	1	

					Year End	lec	d Decembe	r 3	1, 2015			
			Duke				Duke		Duke	Duke	Dul	ke
	Duke		Energy	ı	Progress		Energy		Energy	Energy	Energ	gy
(in millions)	Energy	C	Carolinas		Energy		Progress		Florida	Ohio	India	na
Service cost	\$ 6	\$	1	\$	1	\$	1	\$	1	\$ _ \$	<b>B</b>	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)	\$	(17)	\$ (1) \$	\$	2

- (a) Duke Energy amounts exclude \$7 million, \$8 million and \$10 million for the years ended December 2017, 2016 and 2015, 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, \$2 million and \$3 million for the years ended December 2017, 2016 and 2015, respectively, of regulatory asset amortization resulting from purchase accounting adjustments associated with Duke Energy's merger with Cinergy in April 2006.
- (c) Curtailment credit resulted from a reduction in average future service of plan participants due to a plan amendment.

	 Piedmont									
	Years Ended Oct	tober 31,								
(in millions)	 2016	2015								
Service cost	\$ 1 \$	1								
Interest cost on projected benefit obligation	1	2								
Expected return on plan assets	(2)	(2)								
Amortization of actuarial loss	1	_								
Net periodic pension costs	\$ 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	04/12/2018	2017/Q4
N	IOTES TO FINANCIAL STATEMENTS (Continued	)	

## Amounts Recognized in Accumulated Other Comprehensive Income and Regulatory Assets and Liabilities

						Ye	ar I	Ended De	cer	nber 31, 2	017	7			
				Duke				Duke		Duke		Duke	Duke		
		Duke		Energy	ı	Progress		Energy		Energy		Energy	Energy		
(in millions)		Energy	(	Carolinas		Energy	ı	Progress		Florida		Ohio	Indiana	Pi	edmont
Regulatory assets, net increase (decrease)	\$	71	\$	_	\$	81	\$	42	\$	39	\$	_	\$ (5)	\$	(11)
Regulatory liabilities, net increase (decrease)	\$	(27)	\$	(2)	\$	_	\$	_	\$	_	\$	(3)	\$ (7)	\$	_
Accumulated other comprehensive (income) loss															
Deferred income tax benefit	\$	(1)	\$	_	\$	_	\$		\$	_	\$	_	\$ _	\$	_
Amortization of prior year prior service credit	<del>-</del>	3		_		_		_		_		_	_		_
Net amount recognized in accumulated other comprehensive income	\$	2	\$	_	\$	_	\$	_	\$	_	\$	_	\$ _	\$	_

					Year End	lec	d December	r 3′	1, 2016		
			Duke				Duke		Duke	Duke	Duke
	Duke		Energy	ı	Progress		Energy		Energy	Energy	Energy
(in millions)	Energy	Ca	arolinas		Energy		Progress		Florida	Ohio	Indiana
Regulatory assets, net increase (decrease)	\$ 53	\$	_	\$	47	\$	38	\$	9	\$ _ :	6 (6
Regulatory liabilities, net increase (decrease)	\$ (114)	\$	(22)	\$	(51)	\$	(25)	\$	(26)	\$ (2) 5	(12
Accumulated other comprehensive (income) loss											
Deferred income tax benefit	\$ (2)	\$	_	\$	_	\$	_	\$	_	\$ _ 8	· —
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	\$	_	\$	_	\$ _ \$	s —

Piedmont's regulatory assets net decreased \$1 million for the two months ended December 31, 2016, and increased \$2 million and \$1 million for the years ended October 31, 2016, and 2015, respectively.

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	04/12/2018	2017/Q4
	JOTES TO FINANCIAL STATEMENTS (Continued	)	

## Reconciliation of Funded Status to Accrued Other Post-Retirement Benefit Costs

	Year Ended December 31, 2017													
			Duke				Duke		Duke		Duke	Duke		
	Duke		Energy		Progress		Energy		Energy		Energy	Energy		
(in millions)	Energy	(	Carolinas		Energy	P	rogress		Florida		Ohio	Indiana	Pie	dmont
Change in Projected Benefit Obligation														
Accumulated post-retirement benefit obligation at prior measurement date	\$ 868	\$	201	\$	357	\$	191	\$	164	\$	32	\$ 83	\$	39
Service cost	4		1		_		_		_		_	_		1
Interest cost	34		8		13		7		6		1	3		1
Plan participants' contributions	17		3		6		3		3		1	2		_
Actuarial (gains) losses	4		(3)		4		1		3		_	3		1
Transfers	_		2		(1)		_		(1)		1	_		_
Plan amendments	(28)		(5)		(3)		(1)		(2)		(2)	(2)		(9)
Benefits paid	(86)		(18)		(34)		(17)		(17)		(3)	(11)		(1)
Accumulated post-retirement benefit obligation at measurement date	\$ 813	\$	189	\$	342	\$	184	\$	156	\$	30	\$ 78	\$	32
Change in Fair Value of Plan Assets														
Plan assets at prior measurement date	\$ 244	\$	137	\$	1	\$	_	\$	_	\$	7	\$ 22	\$	29
Actual return on plan assets	25		15		1		_		_		2	1		3
Benefits paid	(86)		(18)		(34)		(17)		(17)		(3)	(11)		(1)
Employer contributions (reimbursements)	25		(4)		26		14		14		_	(3)		_
Plan participants' contributions	17		3		6		3		3		1	2		_
Plan assets at measurement date	\$ 225	\$	133	\$	_	\$	_	\$	_	\$	7	\$ 11	\$	31

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Duke Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	2017/Q4
NOTES	TO EINANCIAL STATEMENTS (Continued	)	

				١	Year End	led I	Decembe	r 31	I, 2016		
		D	uke				Duke		Duke	Duke	Duke
	Duke	Ene	ergy	P	rogress		Energy		Energy	Energy	Energy
(in millions)	Energy	Caroli	inas		Energy	P	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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

		Piedn	nont	_
	Two Mor	nths Ended	Years	Ended
(in millions)	Decembe	er 31, 2016	Octobe	r 31, 2016
Change in Projected Benefit Obligation				_
Accumulated post-retirement benefit obligation at prior measurement date	\$	39	\$	38
Service cost		_		1
Interest cost		_		1
Actuarial gain		_		2
Benefits paid		_		(3)
Accumulated post-retirement benefit obligation at measurement date	\$	39	\$	39
Change in Fair Value of Plan Assets				
Plan assets at prior measurement date	\$	29	\$	28
Employer contributions		_		3
Actual return on plan assets		_		1
Benefits paid		_		(3)
Plan assets at measurement date	\$	29	\$	29

## Amounts Recognized in the Consolidated Balance Sheets

							Decembe	er 3	1, 2017				
			Duke				Duke		Duke	Duke	Duke		
	Duke		Energy	F	Progress		Energy		Energy	Energy	Energy		
(in millions)	Energy	С	arolinas		Energy	F	Progress		Florida	Ohio	Indiana	Pied	mont
Current post-retirement liability(a)	\$ 36	\$	_	\$	29	\$	15	\$	14	\$ 2	\$ _	\$	_
Noncurrent post-retirement liability(b)	552		56		313		169		142	21	67		1
Total accrued post-retirement liability	\$ 588	\$	56	\$	342	\$	184	\$	156	\$ 23	\$ 67	\$	1
Regulatory assets	\$ 125	\$	_	\$	129	\$	80	\$	49	\$ _	\$ 46	\$	(4)
Regulatory liabilities	\$ 147	\$	44	\$	-	\$	-	\$	_	\$ 16	\$ 64	\$	_
Accumulated other comprehensive (income) loss													
Deferred income tax expense	\$ 4	\$	_	\$	_	\$	_	\$	_	\$ _	\$ _	\$	_
Prior service credit	(2)		_		_		_		_	_	_		_
Net actuarial gain	(10)		_		_		_		_	_	_		_
Net amounts recognized in accumulated other comprehensive income	\$ (8)	\$	_	\$	_	\$	_	\$	_	\$ _	\$ _	\$	_
Amounts to be recognized in net periodic pension expense in the next year													
Unrecognized net actuarial loss	\$ 5	\$	3	\$	1	\$	_	\$	1	\$ _	\$ _	\$	_
Unrecognized prior service credit	(19)		(5)		(7)		(1)		(6)	(1)	(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	04/12/2018	2017/Q4						
NOTES TO FINANCIAL STATEMENTS (Continued)									

	December 31, 2016												
			Duke				Duke		Duke	Duke	Duke		
	Duke		Energy	ı	Progress		Energy		Energy	Energy	Energy		
(in millions)	Energy	С	arolinas		Energy	l	Progress		Florida	Ohio	Indiana	Pi	iedmont
Current post-retirement liability(a)	\$ 38	\$	_	\$	31	\$	17	\$	15	\$ 2	\$ _	\$	_
Noncurrent post-retirement liability(b)	586		64		325		174		149	23	63		10
Total accrued post-retirement liability	\$ 624	\$	64	\$	356	\$	191	\$	164	\$ 25	\$ 63	\$	10
Regulatory assets	\$ 54	\$	_	\$	48	\$	38	\$	10	\$ _	\$ 51	\$	7
Regulatory liabilities	\$ 174	\$	46	\$	_	\$	_	\$	_	\$ 19	\$ 71	\$	_
Accumulated other comprehensive (income) loss													
Deferred income tax expense	\$ 5	\$	_	\$	_	\$	_	\$	_	\$ _	\$ _	\$	_
Prior service credit	(5)		_		_		_		_	_	_		_
Net actuarial gain	(10)		_		_		_		_	_	_		_
Net amounts recognized in accumulated other comprehensive income	\$ (10)	\$	_	\$	_	\$	_	\$	_	\$ _	\$ _	\$	
Amounts to be recognized in net periodic pension expense in the next year													
Unrecognized net actuarial loss (gain)	\$ 10	\$	(2)	\$	21	\$	12	\$	9	\$ (2)	\$ (6)	\$	_
Unrecognized prior service credit	(115)		(10)		(85)		(55)		(30)	_	(1)		_

- (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.

## 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, eight years for Duke Energy Carolinas, seven years for Duke Energy Florida, Duke Energy Ohio, and Piedmont, and six years for Progress Energy, Duke Energy Progress, and Duke Energy Indiana.

The following tables present the assumptions used for other post-retirement benefits accounting.

	De	December 31,			
	2017	2016	2015		
Benefit Obligations					
Discount rate	3.60%	4.10%	4.40%		
Net Periodic Benefit Cost					
Discount rate	4.10%	4.40%	4.10%		
Expected long-term rate of return on plan assets	6.50%	6.50%	6.50%		
Assumed tax rate	35%	35%	35%		

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Duke Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	2017/Q4						
NOTES TO FINANCIAL STATEMENTS (Continued)									

	Piedi	Piedmont				
	Two Months Ended	Years Octob				
	December 31, 2016	2016	2015			
Benefit Obligations						
Discount rate	4.10%	3.80%	4.38%			
Net Periodic Benefit Cost						
Discount rate	3.80%	4.38%	4.03%			
Expected long-term rate of return on plan assets	6.75%	7.25%	7.50%			
Assumed Health Care Cost Trend Rate		December (	31,			
		2017	2016			
Health care cost trend rate assumed for next year		7.00%	7.00%			
Rate to which the cost trend is assumed to decline (the ultimate trend rate)	4	1.75%	4.75%			
Year that rate reaches ultimate trend		2024	2023			

# Sensitivity to Changes in Assumed Health Care Cost Trend Rates

	 Year Ended December 31, 2017							
		Duke		Duke	Duke	Duke	Duke	·
	Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
1-Percentage Point Increase								
Effect on total service and interest costs	\$ 1 9	<b>-</b> 5	\$ 15	1 \$	<b>—</b> \$	<b>—</b> \$	<b>—</b> \$	; <u> </u>
Effect on post-retirement benefit obligation	27	6	11	6	5	1	3	1
1-Percentage Point Decrease								
Effect on total service and interest costs	(1)	_	_	_	_	_	_	_
Effect on post-retirement benefit obligation	(24)	(6)	(10)	(5)	(5)	(1)	(2)	(1)

# **Expected Benefit Payments**

		Duke		Duke	Duke	Duke	Duke	
	Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Years ending December 31,								
2018	\$ 78	\$ 17.5	30 \$	16 \$	14 \$	3 \$	9 9	\$ 2
2019	76	17	29	15	14	3	9	2
2020	73	17	29	15	14	3	8	2
2021	71	17	28	15	13	3	7	3
2022	68	17	27	14	13	3	7	3
2023 – 2027	290	70	117	63	54	12	29	13

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NOTES TO FINANCIAL STATEMENTS (Continued)									

#### **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. Qualified pension and other post-retirement assets related to Piedmont were transferred into the Duke Energy Master Retirement Trust during 2017. 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, 2017, and 2016. 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, 2017, Duke Energy assumes pension and other post-retirement plan assets will generate a long-term rate of return of 6.50 percent. 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 returns. 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 \$195 million and \$156 million at December 31, 2017, and 2016, respectively. Cash and securities obtained as collateral exceeded the fair value of the securities loaned at December 31, 2017, and 2016, respectively. Securities lending income earned by the Duke Energy Master Retirement Trust was immaterial for the years ended December 31, 2017, 2016 and 2015, 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.

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NOTES TO FINANCIAL STATEMENTS (Continued)									

The following table includes the target asset allocations by asset class at December 31, 2017, and the actual asset allocations for the Duke Energy Master Retirement Trust.

		Actual Allocation at		
	Target	Decemb	er 31,	
	Allocation	2017	2016(a)	
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 had 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 are comprised of Voluntary Employees' Beneficiary Association (VEBA) trusts and 401(h) accounts held 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 VEBA trusts at December 31, 2017.

		Actual Allocation at		
	Target	December 31,		
	Allocation	2017	2016	
U.S. equity securities	32%	41%	39%	
Non-US equity securities	6%	8%	—%	
Real estate	2%	2%	2%	
Debt securities	45%	36%	37%	
Cash	15%	13%	22%	
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)	
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#### 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.

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## **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.

			December 3	1, 2	2017	
	 Total Fair					Not
(in millions)	Value	Level 1	Leve	12	Level 3	Categorized <sup>(b)</sup>
Equity securities	\$ 2,823	\$ 1,976	\$	_	\$ <u></u>	847
Corporate debt securities	4,694	_	4,6	94	_	_
Short-term investment funds	246	192		54	_	_
Partnership interests	137	_		_	_	137
Hedge funds	226	_		_	_	226
Real estate limited partnerships	135	_		_	_	135
U.S. government securities	762	_	7	62	_	_
Guaranteed investment contracts	28	_		_	28	_
Governments bonds – foreign	38	_		38	_	_
Cash	6	6		_	_	_
Government and commercial mortgage backed securities	2	_		2	_	_
Net pending transactions and other investments	17	15		2	_	_
Total assets(a)	\$ 9,114	\$ 2,189	\$ 5,5	52	\$ 28	\$ 1,345

<sup>(</sup>a) Duke Energy Carolinas, Progress Energy, Duke Energy Progress, Duke Energy Florida, Duke Energy Ohio, Duke Energy Indiana, and Piedmont were allocated approximately 27 percent, 30 percent, 15 percent, 15 percent, 5 percent, 8 percent, and 4 percent, respectively, of the Duke Energy Master Retirement Trust at December 31, 2017. Accordingly, all amounts included in the table above are allocable to the Subsidiary Registrants using these percentages.

<sup>(</sup>b) Certain investments that are measured at fair value using the net asset value per share practical expedient have not been categorized in the fair value hierarchy.

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•	(1) X An Original	(Mo, Da, Yr)	·
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			December 31,	2016	
	Total Fair				Not
(in millions)	 Value	Level 1	Level 2	Level 3	Categorized <sup>(b)</sup>
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	_	_
Net pending transactions and other investments	32	1	6	_	25
Total assets(a)	\$ 8,655	\$ 1,929	\$ 5,388	\$ 38	\$ 1,300

- (a) 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, 5 percent and 8 percent, respectively, of the Duke Energy Master Retirement Trust and Piedmont's 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 that are measured at fair value using the net asset value per share practical expedient have not been categorized in the fair value hierarchy.

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)	2017	2016
Balance at January 1	\$ 38	\$ 31
Combination of Piedmont Pension Assets	_	9
Sales	(2)	(2)
Total gains (losses) and other, net	1	_
Transfer of Level 3 assets to other classifications	(9)	_
Balance at December 31	\$ 28	\$ 38

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## Other post-retirement assets

The following tables provide the fair value measurement amounts for VEBA trust assets.

	December 31, 2017
	Total Fair
(in millions)	Value Level
Cash and cash equivalents	\$ 8\$
Real estate	1
Equity securities	28 2
Debt securities	21 2
Total assets	\$ 58 \$ 5
	December 31, 2016
	Total Fair
(in millions)	Value Level
Cash and cash equivalents	\$ 14 <b>\$ 1</b>
Real estate	1
Equity securities	26 <b>2</b>
Debt securities	25

## **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 (excludes Piedmont employees until 2018 plan year, discussed below) 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.

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

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	P	iedmont <sup>(a)</sup>
Years ended December 31,											
2017	\$ 179	\$	61	\$	53	\$ 37	\$ 16	\$ 3	\$ 9	\$	7
2016	169		57		50	35	15	3	8		_
2015	159		54		48	34	13	3	7		_

(a) Piedmont's pretax employer matching contributions were \$1 million, \$7 million and \$7 million during the two months ended December 31, 2016 and for the years ended October 31, 2016 and 2015, respectively.

#### 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 eligible compensation plus an additional 4 percent of eligible 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 two months ended December 31, 2016. Piedmont contributed \$2 million to the MPP plan during each of the years ended December 31, 2017, October 31, 2016 and 2015. Effective December 31, 2017, the MPP Plan was merged into the Retirement Savings Plan and the money purchase plan formula was discontinued. Beginning with the 2018 plan year, the former MPP Plan participants are eligible to receive the additional employer contribution under the Retirement Savings Plan, discussed above.

#### 22. INCOME TAXES

### Tax Act

On December 22, 2017, President Trump signed the Tax Act into law. Among other provisions, the Tax Act lowers the corporate federal income tax rate from 35 percent to 21 percent and eliminates bonus depreciation for regulated utilities, effective January 1, 2018. The Tax Act also could be amended or subject to technical correction, which could change the financial impacts that were recorded at December 31, 2017, or are expected to be recorded in future periods. The FERC and state utility commissions will determine the regulatory treatment of the impacts of the Tax Act for the Subsidiary Registrants. The Duke Energy Registrants' future results of operations, financial condition and cash flows could be adversely impacted by the Tax Act, subsequent amendments or corrections or the actions of the FERC, state utility commissions or credit rating agencies related to the Tax Act. Duke Energy is reviewing orders to address the rate treatment of the Tax Act by each state utility commission in which the Subsidiary Registrants operate. See Note 4 for additional information. Beginning in January 2018, the Subsidiary Registrants will defer the estimated ongoing impacts of the Tax Act that are expected to be returned to customers.

As a result of the Tax Act, Duke Energy revalued its existing deferred tax assets and deferred tax liabilities as of December 31, 2017, to account for the estimated future impact of lower corporate tax rates on these deferred tax amounts. For Duke Energy's regulated operations, where the reduction in the net accumulated deferred income tax (ADIT) liability is expected to be returned to customers in future rates, the net remeasurement has been deferred as a regulatory liability. The regulatory liability for income taxes includes the effect of the reduction of the net deferred tax liability including the tax gross-up of the excess accumulated deferred tax liabilities and the effect of the new tax rate on the previous regulatory asset for income taxes. Excess accumulated deferred income taxes are generally classified as either "protected" or "unprotected" under IRS rules. Protected excess ADIT, resulting from accumulated tax depreciation of public utility property, are required to utilize the average rate assumption method under the IRS normalization rules for determining the timing of the return to customers. The majority of the excess ADIT is related to protected amounts associated with public utility property. See Note 4 for additional information on the Tax Act's impact to the regulatory asset and liability accounts.

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On December 22, 2017, the SEC staff issued Staff Accounting Bulletin No. 118, Income Tax Accounting Implications of the Tax Cuts and Jobs Act (SAB 118), which provides guidance on accounting for the Tax Act's impact. SAB 118 provides a measurement period, which in no case should extend beyond one year from the Tax Act enactment date, during which a company acting in good faith may complete the accounting for the impacts of the Tax Act under ASC Topic 740. In accordance with SAB 118, a company must reflect the income tax effects of the Tax Act in the reporting period in which the accounting under ASC Topic 740 is complete. To the extent that a company's accounting for certain income tax effects of the Tax Act is incomplete, a company can determine a reasonable estimate for those effects and record a provisional estimate in the financial statements in the first reporting period in which a reasonable estimate can be determined.

Duke Energy recorded a provisional net tax benefit of \$112 million related to the Tax Act in the period ending December 31, 2017. This net benefit primarily consists of a net benefit of \$534 million due to the remeasurement of deferred tax accounts to reflect the corporate rate reduction impact to net deferred tax balances, a net expense for the establishment of a valuation allowance related to foreign tax credits of \$406 million and a transition tax on previously untaxed earnings and profits on foreign subsidiaries of \$10 million. The majority of Duke Energy's operations are regulated and it is expected that the Subsidiary Registrants will ultimately pass on the savings associated with the amount representing the remeasurement of deferred tax balances related to regulated operations to customers. Duke Energy recorded a regulatory liability of \$8,313 million, representing the revaluation of those deferred tax balances. The Subsidiary Registrants continue to respond to requests from regulators in various jurisdictions to determine the timing and magnitude of savings they will pass on to customers.

The net provisional charge from deferred tax remeasurement and assessment of valuation allowance is based on currently available information and interpretations which are continuing to evolve. Duke Energy continues to analyze additional information and guidance related to certain aspects of the Tax Act, such as limitations on the deductibility of interest and executive compensation, conformity or decoupling by state legislatures in response to the Tax Act, and the final determination of the net deferred tax liabilities subject to the remeasurement. The prospects of supplemental legislation or regulatory processes to address questions that arise because of the Tax Act, or evolving technical interpretations of the tax law, may also cause the final impact from the Tax Act to differ from the estimated amounts. Duke Energy continues to appropriately refine such amounts within the measurement period allowed by SAB 118, which will be completed no later than the fourth quarter of 2018.

#### **Income Tax Expense**

### **Components of Income Tax Expense**

	Year Ended December 31, 2017										
			Duke		Duke	Duke	Duke	Duke			
		Duke	Energy	Progress	Energy	Energy	Energy	Energy			
(in millions)	Е	nergy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont		
Current income taxes											
Federal	\$	(247)\$	221	\$ (436)	\$ (95)\$	(188)\$	(37)\$	128	\$ (90)		
State		4	20	(5)	2	(11)	2	21	(3)		
Foreign		3	_	_			_		_		
Total current income taxes		(240)	241	(441)	(93)	(199)	(35)	149	(93)		
Deferred income taxes											
Federal		1,344	381	664	378	194	99	138	147		
State		102	35	44	10	51	(4)	14	8		
Total deferred income taxes(a) (b)		1,446	416	708	388	245	95	152	155		
Investment tax credit amortization		(10)	(5)	(3)	(3)	_	(1)	_			
Income tax expense from continuing operations		1,196	652	264	292	46	59	301	62		
Tax benefit from discontinued operations		(6)	_	_	_	_	_	_	_		
Total income tax expense included in Consolidated Statements of Operations	\$	1,190 \$	652	\$ 264	\$ 292 \$	46 \$	5 59 \$	301	\$ 62		

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NOTES TO FINANCIAL STATEMENTS (Continued)										

- (a) Includes utilization of NOL (Net operating loss) carryforwards and tax credit carryforwards of \$428 million at Duke Energy, \$74 million at Progress Energy, \$36 million at Duke Energy Florida, \$17 million at Duke Energy Ohio, \$42 million at Duke Energy Indiana and \$79 million at Piedmont. In addition the total deferred income taxes Includes benefits of NOL carryforwards and tax credit carryforwards of \$10 million at Duke Energy Carolinas and \$1 million at Duke Energy Progress.
- (b) As a result of the Tax Act, Duke Energy's deferred tax assets and liabilities were revalued as of December 31, 2017. See the Statutory Rate Reconciliation section below for additional information on the Tax Act's impact on income tax expense.

	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			
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 \$	5 42 <b>\$</b>	225			

(a) Includes benefits of NOL carryforwards and utilization of NOL 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.

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	04/12/2018	2017/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)	E	Energy	Ca	rolinas	Energy	Progress	Florida	Ohio	Indiana	
Current income taxes										
Federal	\$	— \$	5	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 \$	6	627 \$	521 \$	294 \$	342 \$	103 \$	163	

(a) Includes utilization of NOL carryforwards 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.

	Piedmont											
	Two Mo	onths Ended	Years Ended October 31,									
(in millions)	Decemb	er 31, 2016	2016	2015								
Current income taxes												
Federal	\$	4 \$	27 \$	(1)								
State		(2)	12	1								
Total current income taxes		2	39	_								
Deferred income taxes												
Federal		24	79	78								
State		6	6	12								
Total deferred income taxes(a)(b)		30	85	90								
Total income tax expense from continuing operations included in Consolidated Statements of Operations	\$	32 \$	124 \$	90								

<sup>(</sup>a) Includes benefits of NOL and tax carryforwards of \$17 million and \$91 million for the two months ended December 31, 2016, and the year ended October 31, 2016, respectively.

<sup>(</sup>b) Includes benefits and utilization of NOL carryforwards of \$46 million for the year ended October 31, 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	04/12/2018	2017/Q4							
NOTES TO FINANCIAL STATEMENTS (Continued)										

### **Duke Energy Income from Continuing Operations before Income Taxes**

	 Years Ended December 31,								
(in millions)	2017	2016		2015					
Domestic(a)	\$ 4,207	\$ 3,689	\$	3,831					
Foreign	59	45		79					
Income from continuing operations before income taxes	\$ 4,266	\$ 3,734	\$	3,910					

(a) Includes a \$16 million expense in 2017 related to the Tax Act impact on equity earnings included within Equity in earnings (losses) of unconsolidated affiliates on the Consolidated Statement of Operations.

#### Taxes on 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.

#### **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 Ended December 31, 2017												
		Duke		Duke	Duke	Duke	Duke						
	Duke	Energy	Progress	Energy	Energy	Energy	Energy						
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont					
Income tax expense, computed at the statutory rate of 35 percent	\$ 1,493	\$ 653	\$ 536	\$ 353	\$ 265	\$ 88	\$ 229	\$ 70					
State income tax, net of federal income tax effect	69	36	25	8	26	(1)	23	3					
AFUDC equity income	(81)	(37)	(32)	(17)	(16)	(4)	(8)	_					
Renewable energy production tax credits	(132)	_	_	_	_	_	_	_					
Tax Act <sup>(a)</sup>	(112)	15	(246)	(40)	(226)	(23)	55	(12)					
Tax true-up	(52)	(24)	(19)	(13)	(7)	(5)	(6)	_					
Other items, net	11	9	_	1	4	4	8	1					
Income tax expense from continuing operations	\$ 1,196	\$ 652	\$ 264	\$ 292	\$ 46	\$ 59	\$ 301	\$ 62					
Effective tax rate	28.0%	34.9%	6 17.2%	6 29.0%	6.1%	23.4%	46.0%	30.8%					

(a) Amounts primarily include but are not limited to items that are excluded for ratemaking purposes related to abandoned or impaired assets, certain wholesale fixed rate contracts, remeasurement of nonregulated net deferred tax liabilities, Federal net operating losses, and valuation allowance on foreign tax credits.

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	04/12/2018	2017/Q4							
NOTES TO FINANCIAL STATEMENTS (Continued)										

				,	Year Ende	<b>1</b> t	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
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%	6	33.7%	)	33.4%		36.9%	6	28.9%	37.1%

	Year Ended December 31, 2015												
				Duke				Duke	Dul	(e	Duke		Duke
		Duke		Energy		Progress		Energy	Energ	у	Energy		Energy
(in millions)		Energy	•	Carolinas		Energy		Progress	Florid	la	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	3	2		2
AFUDC equity income		(58)		(34)		(19)		(17)	(3	3)	(1)		(4)
Renewable energy production tax credits		(72)		_		(1)		_	_	-	_		_
Audit adjustment		(22)		_		(23)		1	(24	1)	_		_
Tax true-up		2		2		(3)		(4)	2	2	(5)		(9)
Other items, net		(72)		15		(5)		(3)	4	1	4		6
Income tax expense from continuing operations	\$	1,256	\$	627	\$	522	\$	294 \$	342	2 \$	81	\$	163
Effective tax rate		32.1%	6	36.7%	6	32.9%		34.2%	36.3	3%	35.2%	0	34.0%

	Piedmont											
	Two Mo	onths Ended	Years Ended October 31,									
(in millions)	Decemi	ber 31, 2016	2016	2015								
Income tax expense, computed at the statutory rate of 35 percent	\$	30 \$	111 \$	79								
State income tax, net of federal income tax effect		1	11	9								
Other items, net		1	2	2								
Income tax expense from continuing operations	\$	32 \$	124 \$	90								
Effective tax rate		37.2%	39.1%	39.7%								

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.

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued)	)	

## **DEFERRED TAXES**

### **Net Deferred Income Tax Liability Components**

					December 3	31, 2017			
			Duke		Duke	Duke	Duke	Duke	
		Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)		Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Deferred credits and other liabilities	\$	143	33	\$ 78	\$ 23 \$	49 \$	11 \$	6 9	(5)
Capital lease obligations		49	14	_	_	_	_	2	_
Pension, post-retirement and other employee benefits		295	(17)	111	44	60	14	18	(4)
Progress Energy merger purchase accounting adjustments(a)		536	_	_	_	_	_	_	_
Tax credits and NOL carryforwards		4,527	234	402	156	143	25	216	70
Regulatory liabilities and deferred credits		_	222	_	_	_	65	_	61
Investments and other assets		_	_	_	_	_	_	1	18
Other		73	10	1	4	_	_	_	_
Valuation allowance		(519)	_	(14)	_	_	_	_	_
Total deferred income tax assets	_	5,104	496	578	227	252	115	243	140
Investments and other assets		(1,419)	(849)	(470)	(289)	(187)	_	(14)	_
Accelerated depreciation rates		(9,216)	(3,060)	(2,803)	(1,583)	(1,257)	(896)	(966)	(697)
Regulatory assets and deferred debits, net		(1,090)	_	(807)	(238)	(569)	_	(188)	_
Other		_	_	_	_	_	_	_	(7)
Total deferred income tax liabilities		(11,725)	(3,909)	(4,080)	(2,110)	(2,013)	(896)	(1,168)	(704)
Net deferred income tax liabilities	\$	(6,621)	(3,413)	\$ (3,502)	\$ (1,883)\$	(1,761)\$	(781)\$	(925)	(564)

(a) Primarily related to capital lease obligations and debt fair value adjustments.

As noted above, as a result of the Tax Act, Duke Energy revalued its existing deferred tax assets and liabilities as of December 31, 2017, to account for the estimated future impact of lower corporate tax rates on these deferred amounts. The following table shows the decrease reflected in the net deferred income tax liabilities balance above:

(in millions)	Decemb	er 31, 2017
Duke Energy	\$	8,982
Duke Energy Carolinas		3,454
Progress Energy		3,282
Duke Energy Progress		1,882
Duke Energy Florida		1,420
Duke Energy Ohio		771
Duke Energy Indiana		1,053
Piedmont		521

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

The following table presents the expiration of tax credits and NOL carryforwards.

	 December 31, 2017				
(in millions)	Amount	Expiration Y	/ear		
Investment tax credits	\$ 1,406	2024 —	2037		
Alternative minimum tax credits	1,147	Refundable by	2021		
Federal NOL carryforwards	393	2022 —	2036		
State NOL carryforwards and credits <sup>(a)</sup>	296	2018 —	2037		
Foreign NOL carryforwards(b)	13	2027 —	2036		
Foreign Tax Credits(C)	1,272	2024 —	2027		
Total tax credits and NOL carryforwards	4,527				

<sup>(</sup>a) A valuation allowance of \$90 million has been recorded on the state NOL carryforwards, as presented in the Net Deferred Income Tax Liability Components table.

<sup>(</sup>c) A valuation allowance of \$416 million has been recorded on the foreign tax credits, as presented in the Net Deferred Income Tax Liability Components table.

				December	31, 2016			_
		Duke		Duke	Duke	Duke	Duke	
	Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Deferred credits and other liabilities	\$ 382	\$ 66	\$ 126	\$ 40 \$	93 9	21 \$	4 \$	71
Capital lease obligations	60	8	_	_	_	_	1	_
Pension, post-retirement and other employee benefits	561	16	199	91	96	22	37	10
Progress Energy merger purchase accounting adjustments(a)	918	_	_	_	_	_	_	_
Tax credits and NOL carryforwards	4,682	192	1,165	222	232	49	278	192
Investments and other assets	_	_	_	_	_	3	_	_
Other	205	16	35	8	_	5	9	45
Valuation allowance	(96)	_	(12)	_	_	_	_	(1)
Total deferred income tax assets	6,712	298	1,513	361	421	100	329	317
Investments and other assets	(1,892)	(1,149)	(597)	(313)	(297)	_	(21)	(21)
Accelerated depreciation rates	(14,872)	(4,664)	(4,490)	(2,479)	(2,038)	(1,404)	(1,938)	(1,080)
Regulatory assets and deferred debits, net	(4,103)	(1,029)	(1,672)	(892)	(780)	(139)	(270)	(147)
Total deferred income tax liabilities	(20,867)	(6,842)	(6,759)	(3,684)	(3,115)	(1,543)	(2,229)	(1,248)
Net deferred income tax liabilities	\$ (14,155)	\$ (6,544)	\$ (5,246)	\$ (3,323)\$	(2,694)	(1,443)\$	(1,900)	(931)

<sup>(</sup>a) Primarily related to capital lease obligations and debt fair value adjustments.

<sup>(</sup>b) A valuation allowance of \$13 million has been recorded on the foreign NOL carryforwards, as presented in the Net Deferred Income Tax Liability Components table.

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

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 and Piedmont recorded net reductions of approximately \$95 million and \$18 million to their North Carolina deferred tax liabilities in the third quarter of 2015. The significant majority of these deferred tax liability reductions were offset by recording a regulatory liability pending NCUC determination of the disposition of amounts related to Duke Energy Carolinas, Duke Energy Progress and Piedmont. 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.

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 and Piedmont recorded net reductions of approximately \$80 million and \$16 million to their North Carolina deferred tax liabilities 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, Duke Energy Progress and Piedmont. 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.

On June 28, 2017, the North Carolina General Assembly amended N.C. Gen. Stat. 105-130.3, reducing the North Carolina corporate income tax rate from a statutory rate of 3.0 percent to 2.5 percent beginning January 1, 2019. Duke Energy recorded a net reduction of approximately \$55 million to their North Carolina deferred tax liabilities in the second quarter of 2017. 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, Duke Energy Progress and Piedmont. 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 E	nded Decer	nber 31, 2	017		
		Duke			Duke	Duke	Duke	Duke	
		Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)	E	nergy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Unrecognized tax benefits – January 1	\$	17 \$	1 5	2 :	\$ 2	\$ 4\$	4 :	\$ <u> </u>	\$ <u> </u>
Unrecognized tax benefits increases (decreases)									
Gross increases – tax positions in prior periods		12	4	3	3	1	1	1	3
Gross decreases – tax positions in prior periods		(4)	_	_	_	_	(4)	_	_
Total changes		8	4	3	3	1	(3)	1	3
Unrecognized tax benefits – December 31	\$	25 \$	5 5 5	5 5	\$ 5	\$ 5 \$	1:	\$ 1	\$ 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	04/12/2018	2017/Q4							
NOTES TO FINANCIAL STATEMENTS (Continued)										

				Year Ende	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
Unrecognized tax benefits – January 1	\$	88 \$	72 \$	1 \$	3 \$	<b>—</b> \$	<b>—</b> \$	1
Unrecognized tax benefits increases (decreases)								
Gross increases – tax positions in prior periods		_	_	_	_	4	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	4	(1)
Unrecognized tax benefits – December 31	\$	17 \$	1 \$	2 \$	2 \$	4 \$	4 \$	_

	Year Ended December 31, 2015							
		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 \$	<b>—</b> \$	1	

The following table includes additional information regarding the Duke Energy Registrants' unrecognized tax benefits at December 31, 2017. During the first quarter of 2018, Duke Energy recognized an approximate \$8 million reduction and Duke Energy Carolinas recognized an approximate \$1 million reduction in unrecognized tax benefits. No additional material reductions are expected in the next 12 months.

					December :	31, 2017			
			Duke		Duke	Duke	Duke	Duke	
		Duke	Energy	Progress	Energy	Energy	Energy	Energy	
(in millions)		Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Amount that if recognized, would affect the effective tax rate or regulatory liability(a)	\$	15	\$ 4	\$ 7	\$ 5\$	1 \$	1 \$	1	\$ 3
Amount that if recognized, would be recorded as a component of discontinued operations	;	7	_	_	_	_	2	_	_

Duke Energy, Duke Energy Carolinas, Progress Energy, Duke Energy Progress, Duke Energy Florida, Duke Energy Indiana and Piedmont are unable to estimate the specific amounts that would affect the effective tax rate versus the regulatory liability.

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

#### **OTHER TAX MATTERS**

The following tables include interest recognized in the Consolidated Statements of Operations and the Consolidated Balance Sheets.

		Year Ende	d Decembe	r 31, 2017	
		Duke	Duke	Duke	
	Duke	Energy	Progress	Energy	Energy
(in millions)	Energy	Carolinas	Energy	Progress	Florida
Net interest income recognized related to income taxes	\$ _ :	\$ <u></u> \$	5 1	\$ <b>—</b> \$	1
Net interest expense recognized related to income taxes	_	2	_	_	_
Interest payable related to income taxes	5	25	1	1	_
		Year Ende	d Decembe	r 31, 2016	

			Year Ende	d Decembe	r 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	_

	Year Ended December 31, 2015												
		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 9	· - 9	2 9	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	_	_							

Piedmont recognized \$1 million in net interest income recognized related to income taxes in the Consolidated Statements of Operations for the year ended October 31, 2016.

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 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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	1)	

# 23. OTHER INCOME AND EXPENSES, NET

The components of Other income and expenses, net on the Consolidated Statements of Operations are as follows. Amounts for Piedmont were not material.

		Year Ended December 31, 2017												
		Duke					Duke			Duke	Duke			Duke
		Duke	Energy Progr		Progress	Energy		Energy		Energy		Energ		
(in millions)	E	Energy		Carolinas		Energy		Progress		Florida		Ohio		Indiana
Interest income	\$	13	\$	2	\$	6	\$	2	\$	5	\$	6	\$	8
AFUDC equity		237		106		92		47		45		11		28
Post in-service equity returns		40		28		12		12		_		_		_
Nonoperating income, other		62		3		18		4		11		_		1
Other income and expense, net	\$	352	\$	139	\$	128	\$	65	\$	61	\$	17	\$	37

				Υ	ear Ended	d D	ecember 3	31,	2016			
			Duke				Duke		Duke	Duke		Duke
		Duke	Energy	١	Progress		Energy		Energy	Energy	ı	Energy
(in millions)	Е	nergy	Carolinas		Energy		Progress		Florida	Ohio	I	ndiana
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

		Year Ended D						d December 31, 2015						
				Duke				Duke	e Duke		Duke			Duke
		Duke		Energy		Progress		Energy		Energy		Energy	Е	nergy
(in millions)	Е	nergy	(	Carolinas		Energy		Progress		Florida		Ohio	ln	diana
Interest income	\$	20	\$	2	\$	4	\$	2	\$	2	\$	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	\$	6	\$	11

## **24. SUBSEQUENT EVENTS**

For information on subsequent events related to regulatory matters, commitments and contingencies, debt and credit facilities, investments in unconsolidated affiliates, variable interest entities and common stock see Notes 4, 5, 6, 12, 17 and 18, respectively.

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

# 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.

	First	Second	Third	Fourth	
(in millions, except per share data)	 Quarter	Quarter	Quarter	Quarter	Total
2017					
Operating revenues	\$ 5,729	\$ 5,555	\$ 6,482	\$ 5,799	\$ 23,565
Operating income	1,437	1,387	1,695	1,262	5,781
Income from continuing operations	717	691	957	705	3,070
Loss from discontinued operations, net of tax	_	(2)	(2)	(2)	(6
Net income	717	689	955	703	3,064
Net income attributable to Duke Energy Corporation	716	686	954	703	3,059
Earnings per share:					
Income from continuing operations attributable to Duke Energy Corporation common stockholders					
Basic	\$ 1.02	\$ 0.98	\$ 1.36	\$ 1.00	\$ 4.37
Diluted	\$ 1.02	\$ 0.98	\$ 1.36	\$ 1.00	\$ 4.37
Loss from discontinued operations attributable to Duke Energy Corporation common stockholders					
Basic	\$ _	\$ _	\$ _	\$ _	\$ (0.01
Diluted	\$ _	\$ _	\$ _	\$ _	\$ (0.01
Net income attributable to Duke Energy Corporation common stockholders					
Basic	\$ 1.02	\$ 0.98	\$ 1.36	\$ 1.00	\$ 4.36
Diluted	\$ 1.02	\$ 0.98	\$ 1.36	\$ 1.00	\$ 4.36
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

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	04/12/2018	2017/Q4						
NOTES TO FINANCIAL STATEMENTS (Continued)									

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

	First	Second	Third	Fourth	
(in millions)	Quarter	Quarter	Quarter	Quarter	Total
2017					
Costs to Achieve Piedmont Merger (see Note 2)	\$ (16) \$	(30) \$	(23) \$	(34) \$	(103)
Regulatory Settlements (see Note 4)	_	_	(135)	(23)	(158)
Commercial Renewables Impairments (see Notes 10 and 11)	_	_	(84)	(18)	(102)
Impacts of the Tax Act (see Note 22)	-	_	_	102	102
Total	\$ (16) \$	(30) \$	(242) \$	27 \$	(261)
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)

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	1)	

## **DUKE ENERGY CAROLINAS**

	First	Second	Third	Fourth	_
(in millions)	Quarter	Quarter	Quarter	Quarter	Total
2017					
Operating revenues	\$ 1,716	\$ 1,729	\$ 2,136	\$ 1,721	\$ 7,302
Operating income	484	485	777	403	2,149
Net income	270	273	466	205	1,214
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

	First	Second	Third	Fourth	
(in millions)	Quarter	Quarter	Quarter	Quarter	Total
2017					
Costs to Achieve Piedmont Merger (see Note 2)	\$ (4) \$	(6) \$	(5) \$	(5) \$	(20)
Impacts of the Tax Act (see Note 22)	-	-	_	(15)	(15)
Total	\$ (4) \$	(6) \$	(5) \$	(20) \$	(35)
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)

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	04/12/2018	2017/Q4							
	NOTES TO FINANCIAL STATEMENTS (Continued)									

## PROGRESS ENERGY

	First	Second	Third	Fourth	
(in millions)	Quarter	Quarter	Quarter	Quarter	Total
2017					
Operating revenues	\$ 2,179	\$ 2,392	\$ 2,864	\$ 2,348	\$ 9,783
Operating income	487	591	657	493	2,228
Net income	201	277	343	447	1,268
Net income attributable to Parent	199	274	341	444	1,258
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

	First	Second	Third	Fourth	
(in millions)	Quarter	Quarter	Quarter	Quarter	Total
2017					
Costs to Achieve Piedmont Merger (see Note 2)	\$ (4) \$	(7) \$	(6) \$	(6) \$	(23)
Regulatory Settlements (see Note 4)	_	_	(135)	(23)	(158)
Impacts of the Tax Act (see Note 22)	_	_	_	246	246
Total	\$ (4) \$	(7) \$	(141) \$	217 \$	65
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)

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	1)	

## **DUKE ENERGY PROGRESS**

	First	Second	Third	Fourth	
(in millions)	Quarter	Quarter	Quarter	Quarter	Total
2017					
Operating revenues	\$ 1,219	\$ 1,199	\$ 1,460	\$ 1,251 \$	5,129
Operating income	286	282	411	256	1,235
Net income	147	154	246	168	715
2016					
Operating revenues	\$ 1,307	\$ 1,213	\$ 1,583	\$ 1,174 \$	5,277
Operating income	258	255	438	135	1,086
Net income	137	131	271	60	599

	First	Second	Third	Fourth	
(in millions)	Quarter	Quarter	Quarter	Quarter	Total
2017					
Costs to Achieve Piedmont Merger (see Note 2)	\$ (2) \$	(4) \$	(4) \$	(4)	\$ (14)
Regulatory Settlements (see Note 4)	_	_	_	(23)	(23)
Impacts of the Tax Act (see Note 22)	_	_	_	40	40
Total	\$ (2) \$	(4) \$	(4) \$	13	3
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)

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	1)	

## **DUKE ENERGY FLORIDA**

	First	Seco	ıd	Third	Fourth	
(in millions)	Quarter	Quart	er	Quarter	Quarter	Total
2017						
Operating revenues	\$ 959	\$ 1,19	91 \$	1,401	\$ 1,095	\$ 4,646
Operating income	196	30	)6	240	234	976
Net income	90	1	8	120	344	712
2016						
Operating revenues	\$ 1,024	\$ 1,13	33 \$	1,381	\$ 1,030	\$ 4,568
Operating income	213	30	00	373	155	1,041
Net income	110	1	<b>7</b> 1	206	64	551

	First	Second	Third	Fourth	
(in millions)	Quarter	Quarter	Quarter	Quarter	Total
2017					
Costs to Achieve Piedmont Merger (see Note 2)	\$ (2) \$	(3) \$	(2) \$	(2) \$	(9)
Regulatory Settlements (see Note 4)	_	_	(135)	_	(135)
Impacts of the Tax Act (see Note 22)	_	-	-	226	226
Total	\$ (2) \$	(3) \$	(137) \$	224 \$	82
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)

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	04/12/2018	2017/Q4					
NOTES TO FINANCIAL STATEMENTS (Continued)								

## **DUKE ENERGY OHIO**

	First	Second	Third	Fourth		
(in millions)	Quarter	Quarter	Quarter	Quarter	Т	Γotal
2017						
Operating revenues	\$ 518	\$ 437	\$ 471	\$ 497	\$ 1	,923
Operating income	83	65	102	76		326
Loss from discontinued operations, net of tax	_	_	(1)	_		(1)
Net income	42	30	55	65		192
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

	First	Second	Third	Fourth	
(in millions)	Quarter	Quarter	Quarter	Quarter	Total
2017					
Costs to Achieve Piedmont Merger (see Note 2)	\$ (1) \$	(1) \$	(2) \$	(2) \$	(6)
Impacts of the Tax Act (see Note 22)	_	_	_	23	23
Total	\$ (1) \$	(1) \$	(2) \$	21 \$	17
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)

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	04/12/2018	2017/Q4					
NOTES TO FINANCIAL STATEMENTS (Continued)								

## **DUKE ENERGY INDIANA**

	Fii	st	Second	Third	Fourth	
(in millions)	Quart	er	Quarter	Quarter	Quarter	Total
2017						
Operating revenues	\$ 7	8 \$	742	\$ 802	\$ 745	\$ 3,047
Operating income	1	86	210	230	170	796
Net income		)1	106	121	36	354
2016						
Operating revenues	\$ 7	4 \$	702	\$ 809	\$ 733	\$ 2,958
Operating income	1	<b>'</b> 6	174	239	176	765
Net income		95	85	129	72	381

	First	Second	Third	Fourth	
(in millions)	Quarter	Quarter	Quarter	Quarter	Total
2017					
Costs to Achieve Piedmont Merger (see Note 2)	\$ (1) \$	(2) \$	(2) \$	(1) \$	(6)
Impacts of the Tax Act (see Note 22)	-	_	_	(55)	(55)
Total	\$ (1) \$	(2) \$	(2) \$	(56) \$	(61)
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)

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	04/12/2018	2017/Q4
	NOTES TO FINANCIAL STATEMENTS (Continued	)	

### **PIEDMONT**

The following tables include data for Piedmont's fiscal years ending December 31, 2017, and October 31, 2016.

	First	Second	Third	Fourth	
(in millions)	Quarter	Quarter	Quarter	Quarter	Total
2017					
Operating revenues	\$ 500	\$ 201 \$	183 \$	444	\$ 1,328
Operating income (loss)	170	5	(4)	115	286
Net income (loss)	95	(8)	(11)	63	139
2016					
Operating revenues	\$ 464	\$ 353 \$	160 \$	172	\$ 1,149
Operating income (loss)	171	104	_	(50)	225
Net income (loss)	98	63	(7)	39	193

For the two months ended December 31, 2016, Piedmont's operating revenues, operating income, and net income were \$322 million, \$96 million and \$54 million, respectively.

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.

(in millions)	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Total
2017					
Costs to Achieve Piedmont Merger (see Note 2)	\$ (6) \$	(13) \$	(8) \$	(19) \$	(46)
Impacts of the Tax Act (see Note 22)	_	_	_	2	2
Total	\$ (6) \$	(13) \$	(8) \$	(17) \$	(44)
2016					
Costs to Achieve Mergers	\$ (6) \$	(2) \$	(1) \$	(53) \$	(62)

For the two months ended December 31, 2016, Piedmont's costs to achieve merger were \$7 million.

Name of Respondent  This Report Is: Date of Report (Mo, Da, Yr)  Sept of 2017/0								
Duke	Energy Carolinas, LLC	(2)	A Resubmi			2/2018	End	1 of
	STATEMENTS OF ACCUMULAT	ED COMP	REHENSIVE	INCOME, COMP	REHENS	IVE INCOME, AN	D HEDG	SING ACTIVITIES
2. Re 3. Fo	port in columns (b),(c),(d) and (e) the amounts port in columns (f) and (g) the amounts of other each category of hedges that have been accoport data on a year-to-date basis.	r categories	of other cash	flow hedges.				
Line No.	ltem (c)	Losses or for-Sale	d Gains and n 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) 584,586)	(c)		(d)		(e)
2	Preceding Qtr/Yr to Date Reclassifications from Acct 219 to Net Income	(	001,000)					
3	Preceding Quarter/Year to Date Changes in Fair Value	(	4,080)					
4	Total (lines 2 and 3)	(	4,080)					
5	Balance of Account 219 at End of Preceding Quarter/Year	(	588,666)					
6	Balance of Account 219 at Beginning of Current Year	(	588,666)					
7	Current Qtr/Yr to Date Reclassifications from Acct 219 to Net Income		936,642					
8	Current Quarter/Year to Date Changes in Fair Value	(	347,977)					
9	Total (lines 7 and 8)		588,665					
10	Balance of Account 219 at End of Current Quarter/Year		( 1)					

	f Respondent nergy Carolinas, LLC	This Repo (1) X/ (2) //	ort Is: An Original A Resubmission	Date of Report (Mo, Da, Yr) 04/12/2018	Year End	/Period of Report of 2017/Q4
	STATEMENTS OF ACC	CUMULATED COMPRE	HENSIVE INCOME, COMF	REHENSIVE INCOME	, AND HEDGI	NG ACTIVITIES
	Other Cook Flour	Other Cook Flor	N Totals for e	ach Net Incom	o (Carried	Total
Line No.	Other Cash Flow Hedges Interest Rate Swaps	Other Cash Flow Hedges [Specify]	category of i	tems Forwar	d from	Comprehensive Income
			Account 2	Account 219		
1	(f) ( 10,692,679)	(g)	(h)	(i 277,265)	)	(j)
2	1,783,575			,783,575		
3			(	4,080)		
4	1,783,575				65,845,688	1,167,625,183
5	( 8,909,104)			497,770)		
6 7	( 8,909,104) 1,828,661			,765,303		
8	1,020,001			347,977)		
9	1,828,661				214,747,120	1,217,164,446
10	( 7,080,443)		( 7,	080,444)		

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) 04/12/2018	End of
	SUMMAI	RY OF UTILITY PLANT AND ACCU		
	FOR	DEPRECIATION. AMORTIZATION	N AND DEPLETION	
	rt in Column (c) the amount for electric function, in	column (d) the amount for gas fund	ction, in column (e), (f), and (g)	report other (specify) and in
colum	n (h) common function.			
Line	Classification		Total Company for the	Electric
No.			Current Year/Quarter Ended	(c)
1	Utility Plant		(b)	
2	In Service			
	Plant in Service (Classified)		34,818,070,959	34,818,070,959
	Property Under Capital Leases		39,795,030	
	Plant Purchased or Sold		39,793,030	39,795,030
6	Completed Construction not Classified		3,396,641,262	3,396,641,262
7	Experimental Plant Unclassified		3,390,041,202	3,390,041,202
-	Total (3 thru 7)		38,254,507,251	38,254,507,251
9	Leased to Others		30,234,307,231	30,234,307,231
	Held for Future Use		14,834,676	14,834,676
11	Construction Work in Progress		2,610,346,436	
			284,106	
	Total Utility Plant (8 thru 12)		40,879,972,469	
14	Accum Prov for Depr, Amort, & Depl		15,379,235,049	
	Net Utility Plant (13 less 14)		25,500,737,420	
	Detail of Accum Prov for Depr, Amort & Depl		20,000,707,420	20,000,101,420
	In Service:			
	Depreciation		14,828,830,111	14,828,830,111
	Amort & Depl of Producing Nat Gas Land/Land F	Riaht	11,020,000,111	1 1,020,000,111
	Amort of Underground Storage Land/Land Rights	<u> </u>		
21	Amort of Other Utility Plant		550,145,243	550,145,243
22	Total In Service (18 thru 21)		15,378,975,354	
	Leased to Others			
24	Depreciation			
	Amortization and Depletion			
26	Total Leased to Others (24 & 25)			
27	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		259,695	259,695
33	Total Accum Prov (equals 14) (22,26,30,31,32)		15,379,235,049	15,379,235,049

Name of Respondent		This Report Is: (1) X An Original	Date of Report (Mo, Da, Yr)	Year/Period of Repo	ort
Duke Energy Carolinas, LLC	>	(2) A Resubmission	04/12/2018	End of2017/C	<u>4</u>
		OF UTILITY PLANT AND ACCU			
		EPRECIATION. AMORTIZATIO			
Gas	Other (Specify)	Other (Specify)	Other (Specify)	Common	Line
(4)	(-)	(5)	(-)	(1-)	No.
(d)	(e)	(f)	(g)	(h)	
					1
					2
					3
					5
					6
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					32
					33
		1			

Nam	e of Respondent		Rep	oort Is:	Date of Report	Year/Period of Report			
Duk	e Energy Carolinas, LLC	(1) (2)		An Original A Resubmission	(Mo, Da, Yr) 04/12/2018	End of2017/Q4			
	NUCLEAR F	UEL N	/ATI	ERIALS (Account 120.1 thro	ugh 120.6 and 157)	1			
resp 2. If	. Report below the costs incurred for nuclear fuel materials in process of fabrication, on hand, in reactor, and in cooling; owned by the espondent If the nuclear fuel stock is obtained under leasing arrangements, attach a statement showing the amount of nuclear fuel leased, the uantity used and quantity on hand, and the costs incurred under such leasing arrangements.								
Line	Description of item				Balance Boginning of Year	Changes during Year			
No.	(a)				Beginning of Year (b)	Additions (c)			
1	Nuclear Fuel in process of Refinement, Conv, En	richme	ent &	Fab (120.1)					
2	Fabrication				10,350,2	294 41,538,916			
3	Nuclear Materials				288,884,6	607 185,818,576			
4	Allowance for Funds Used during Construction				37,515,1	194 14,913,827			
5	(Other Overhead Construction Costs, provide det	ails in	footi	note)					
6	SUBTOTAL (Total 2 thru 5)				336,750,0	ນ95			
7	Nuclear Fuel Materials and Assemblies								
8	In Stock (120.2)					263,827,732			
9	In Reactor (120.3)				1,200,997,0	083 263,827,731			
10	SUBTOTAL (Total 8 & 9)				1,200,997,0	<b>ນ83</b>			
11	Spent Nuclear Fuel (120.4)				556,908,9	927 306,022,249			
12	Nuclear Fuel Under Capital Leases (120.6)								
13	(Less) Accum Prov for Amortization of Nuclear Fu	ıel Ass	sem	(120.5)	1,191,832,5	506			
14	TOTAL Nuclear Fuel Stock (Total 6, 10, 11, 12, le	ess 13)	)		902,823,5	599			
15	Estimated net Salvage Value of Nuclear Materials	s in line	e 9						
16	Estimated net Salvage Value of Nuclear Materials	s in line	e 11						
17	Est Net Salvage Value of Nuclear Materials in Ch	emical	l Pro	ocessing					
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, an	nd 21	1)					
				1					

Name of Respondent	This Report Is: (1) XAn Original	Date of Report (Mo, Da, Yr)	Year/Period of Report	
Duke Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of2017/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.
				1
	•	46,332,832	5,556,378	2
	20	06,692,220	268,010,963	3
		10,802,680	41,626,341	4
				5
			315,193,682	6
				7
	26	63,827,731	1	8
	30	06,022,249	1,158,802,565	9
			1,158,802,566	10
	2'	10,682,374	652,248,802	11
				12
-307,787,905	21	16,028,428	1,283,591,983	13
			842,653,067	14
				15
				16
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				21
				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	04/12/2018	2017/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: e

Reflects nuclear fuel assemblies transferred to the spent fuel pool.

Schedule Page: 202 Line No.: 11 Column: e

Reflects nuclear fuel assemblies retired from the reactor.

Schedule Page: 202 Line No.: 13 Column: e

Total includes \$210,682,373 of nuclear fuel assemblies and \$5,346,055 of nuclear fuel canisters that have been retired.

	e of Respondent	oort Is:  An Original	Date of Report (Mo, Da, Yr)		Year/Period of Report				
Duke	e Energy Carolinas, LLC	(1)		A Resubmission	04/12/2018		End of 2017/Q4		
	ELECTRIC	PLAN	ΙΤ	N SERVICE (Account 101	I, 102, 103 and 106)	<del></del>			
2. In Accou	eport below the original cost of electric plant in servaddition to Account 101, Electric Plant in Service and 103, Experimental Electric Plant Unclassified; clude in column (c) or (d), as appropriate, corrections to the amount of initial count retirement.	(Classif and Aco ons of a	iec cou dd	), this page and the next i int 106, Completed Constr tions and retirements for t	nclude Account 102, Electric ruction Not Classified-Electric he current or preceding year.	i.			
I	. For revisions to the amount of initial asset retirement costs capitalized, included by primary plant account, increases in column (c) additions and eductions in column (e) adjustments.								
	nclose in parentheses credit adjustments of plant a	ccount	s to	indicate the negative effe	ect of such accounts.				
6. CI	assify Account 106 according to prescribed accou	nts, on	an	estimated basis if necess	ary, and include the entries in				
	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								
Line	Account	illia eili	u y	to the account for accumu	Ralance	IIICIU	Additions		
No.	(a)				Beginning of Year (b)		(c)		
1	1. INTANGIBLE PLANT				(6)		(0)		
2	(301) Organization					$\Box$			
3	(302) Franchises and Consents					7,923	10,576,105		
4	(303) Miscellaneous Intangible Plant	1.4			817,492		126,626,856		
5	TOTAL Intangible Plant (Enter Total of lines 2, 3, 2. PRODUCTION PLANT	and 4)			817,550	1,027	137,202,961		
	A. Steam Production Plant								
8	(310) Land and Land Rights				28,975	5.500	106,484		
9	(311) Structures and Improvements				718,413		28,578,799		
10	(- ,				5,224,032	2,773	112,075,787		
11	(313) Engines and Engine-Driven Generators								
	· / •				841,485	_	83,738,535		
13	(315) Accessory Electric Equipment (316) Misc. Power Plant Equipment				393,310 341,714		2,633,461 27,804,041		
15	(317) Asset Retirement Costs for Steam Producti	on			1,088,446		27,004,041		
	TOTAL Steam Production Plant (Enter Total of Iir		ru	15)	8,636,378		254,937,107		
17	B. Nuclear Production Plant			•					
18	(320) Land and Land Rights				2,859				
19	(321) Structures and Improvements				1,866,620		38,287,246		
20	(322) Reactor Plant Equipment (323) Turbogenerator Units				3,713,197 962,697		90,279,561		
22	(324) Accessory Electric Equipment				1,130,876	-	18,247,171 42,662,572		
23	(325) Misc. Power Plant Equipment				521,232		17,320,586		
24	(326) Asset Retirement Costs for Nuclear Produc	tion			-607,602	,839	, ,		
	TOTAL Nuclear Production Plant (Enter Total of I	ines 18	th	ru 24)	7,589,880	,996	206,797,136		
	C. Hydraulic Production Plant								
28	(330) Land and Land Rights (331) Structures and Improvements				52,334 391,069		14,256,246		
29	(332) Reservoirs, Dams, and Waterways				821,573		13,473,275		
30	(333) Water Wheels, Turbines, and Generators				624,498		31,251,560		
31	(334) Accessory Electric Equipment				142,067	,062	4,765,308		
	, , , ,				49,236		2,064,657		
	(336) Roads, Railroads, and Bridges				21,796	,265			
	(337) Asset Retirement Costs for Hydraulic Produ TOTAL Hydraulic Production Plant (Enter Total or		7 1	hru 34)	2,102,576	172	65,811,046		
	D. Other Production Plant	1 111165 2	27	iliu 34)	2,102,570	), 173	05,611,040		
	(340) Land and Land Rights				9,171	,919			
38					338,695	,337	17,784,117		
39	(342) Fuel Holders, Products, and Accessories				118,324		96,378		
40	(343) Prime Movers				938,469				
41	(344) Generators				835,207		118,563,791		
43	(345) Accessory Electric Equipment (346) Misc. Power Plant Equipment				144,271 27,789		4,854,148 2,354,200		
44	(347) Asset Retirement Costs for Other Production	n			1,262		5,308,834		
	TOTAL Other Prod. Plant (Enter Total of lines 37		.)		2,413,192		156,608,963		
46	TOTAL Prod. Plant (Enter Total of lines 16, 25, 3	5, and 4	45)		20,742,028	,553	684,154,252		
	C FORM NO. 1 (REV. 12-05)			Page 204					

	e of Respondent e Energy Carolinas, LLC	(1)	Report Is: X An Original		(Mo, Da, Yr)		ear/Period of Report nd of 2017/Q4
Dunc		(2)	A Resubmission	11 102 1	04/12/2018		
Line	Account	ANI IN	SERVICE (ACCOUNT II	J1, 102, 1	03 and 106) (Continued)  Balance	$\overline{}$	Additions
No.					Beginning of Year		
17	(a) 3. TRANSMISSION PLANT				(b)		(c)
	(350) Land and Land Rights				190,365,	055	4,932,225
49	(352) Structures and Improvements				83,331,		21,505,310
50	(353) Station Equipment				1,550,666,		238,161,973
51	(354) Towers and Fixtures		597,546,		-31,078,272		
52	(355) Poles and Fixtures				408,716,	,450	103,157,008
53	(356) Overhead Conductors and Devices				733,149,	,952	2,576,038
54	(357) Underground Conduit				123,	,868	306
55	(358) Underground Conductors and Devices				4,755,	1,344,248	
56	(359) Roads and Trails				42,	,238	
57	(359.1) Asset Retirement Costs for Transmission		F7\		2.500.000	070	240 500 020
	,	48 triru	57)		3,568,696,	8/3	340,598,836
60	(360) Land and Land Rights				63,784,	812	639,110
61	(361) Structures and Improvements				96,166,		10,214,978
62					1,264,827,		70,146,476
63	` ' ' '				.,,	-	
64	(364) Poles, Towers, and Fixtures				1,502,249,	,254	30,972,827
65	(365) Overhead Conductors and Devices				2,027,364,	,643	129,728,460
66	(366) Underground Conduit				191,934,	,666	6,867,716
67	(367) Underground Conductors and Devices				1,841,522,	,453	91,195,711
68	(368) Line Transformers				1,358,448,		56,253,174
69	(369) Services				1,008,470,		41,601,740
70	` '				464,049,		153,950,312
71	(371) Installations on Customer Premises				721,223,	642	125,369,204
72 73	(372) Leased Property on Customer Premises (373) Street Lighting and Signal Systems				212,986,	136	16,361,361
		ant			212,900,	430	10,301,301
	TOTAL Distribution Plant (Enter Total of lines 60		.)		10,753,028,	333	733,301,069
	5. REGIONAL TRANSMISSION AND MARKET		,		. 0,. 00,020,		1.00,001,000
77	(380) Land and Land Rights						
78	(381) Structures and Improvements						
79	(382) Computer Hardware						
80	(383) Computer Software						
	(384) Communication Equipment					$\perp$	
	(385) Miscellaneous Regional Transmission and		•				
	(386) Asset Retirement Costs for Regional Trans					-	
	TOTAL Transmission and Market Operation Pla 6. GENERAL PLANT	nt (Tota	l lines // thru 83)				
	(389) Land and Land Rights				34,402,	330	28,514,807
	(390) Structures and Improvements				501,477,		152,477,284
	(391) Office Furniture and Equipment				110,861,		17,165,974
	(392) Transportation Equipment				10,254,		2,673,989
90	(393) Stores Equipment				12,954,	,181	1,024,000
91	(394) Tools, Shop and Garage Equipment				72,782,	,665	23,133,220
92	(395) Laboratory Equipment				7,510,	,680	-564,284
	(396) Power Operated Equipment				14,162,		262,116
	(397) Communication Equipment				135,681,		11,416,493
	(398) Miscellaneous Equipment				3,803,		5,852,933
	SUBTOTAL (Enter Total of lines 86 thru 95)				903,892,	105	241,956,532
	(399) Other Tangible Property (399.1) Asset Retirement Costs for General Plar	nt .			-931,	335	-
	TOTAL General Plant (Enter Total of lines 96, 9		3)		902,960,		241,956,532
	TOTAL (Accounts 101 and 106)		- /		36,784,264,		2,137,213,650
	(102) Electric Plant Purchased (See Instr. 8)						_, , , 500
	(Less) (102) Electric Plant Sold (See Instr. 8)					$\neg$	
103	(103) Experimental Plant Unclassified						
104	TOTAL Electric Plant in Service (Enter Total of I	ines 100	) thru 103)		36,784,264,	,556	2,137,213,650

Name of Respondent	This Re		ainal	Date of F	Report	Year/Period o	•
Duke Energy Carolinas, LLC	olinas, LLC (1) X An Original (Mo, Da, Yr) (2) A Resubmission 04/12/2018		End of				
	ELECTRIC PLANT IN SE	ERVICE	(Account 101, 102, 10	03 and 106) (	Continued)		
distributions of these tentative classi amounts. Careful observance of the respondent's plant actually in service 7. Show in column (f) reclassificatio	above instructions and the te at end of year.	exts of A	Accounts 101 and 106	will avoid ser	ious omission	s of the reported a	mount of
classifications arising from distribution provision for depreciation, acquisition	on of amounts initially record	led in Ac	count 102, include in	column (e) th	e amounts wit	h respect to accun	nulated
account classifications.  8. For Account 399, state the nature	e and use of plant included in	n this ac	count and if substantia	al in amount s	ubmit a suppl	ementary stateme	nt showina
subaccount classification of such pla	ant conforming to the require	ment of	these pages.			•	
9. For each amount comprising the and date of transaction. If proposed							•
Retirements	Adjustments	ieu witii	Transfers		Balaı	nce at	Line
(d)	(e)		(f)		End o	of Year g)	No.
							1
						10 024 020	2
11,262,010						10,634,028 932,856,950	3 4
11,262,010						943,490,978	5
							6
				22.111		22.242.542	7
4,373,506				-33,444		29,048,540 742,619,276	8 9
34,854,664						5,301,253,896	10
2 722 722						, , , , , , , , , , , , , , , , , , , ,	11
8,224,001						916,999,715	12
1,561,367 1,196,523				-8,066,460		394,382,489 360,255,298	13 14
96,420,548	-192.0	36,176		-0,000,400		799,989,687	15
146,630,609		36,176		-8,099,904		8,544,548,901	16
							17
-23,109				00.4		2,882,536	18
19,610,600 29,659,629				-924 457,560		1,885,296,595 3,774,274,928	19 20
4,710,167				-511		976,233,783	21
9,122,159				1,581,302		1,165,998,322	22
1,946,581				-455,924		536,150,283	23
65,026,027				1,581,503		-607,602,839 7,733,233,608	24 25
50,020,021				1,001,000		7,700,200,000	26
						52,334,298	27
2,810,051						402,516,160	28
5,967,382 11,015,369		+				829,079,580 644,734,270	29 30
3,612,640						143,219,730	31
750,500				-363,304		50,187,670	32
						21,796,265	33
24 155 042				-363,304		2 143 867 073	34 35
24,155,942				-505,304		2,143,867,973	36
						9,171,919	37
2,891,127						353,588,327	38
-198,655						118,619,083	39
17,371,793 1,321,115		+		-506,749		928,745,321 951,943,728	40
459,498				87,309		148,753,727	42
382,334				201,117		29,962,911	43
22.227.212						6,571,313	44
22,227,212 258,039,790	102.0	36,176		-218,323 -7,100,028		2,547,356,329 20,969,006,811	45 46
230,039,730	-192,0	30,170		-1,100,020		20,909,000,011	40

Name of Respondent	This Report Is	S. Original	Date of Re	eport Year/Period	
Duke Energy Carolinas, LLC	(1) ∑ An C (2) ☐ A Re	esubmission	(Mo, Da, Y 04/12/2018		2017/Q4
5 ::	ELECTRIC PLANT IN SERVIC	•	and 106) (Co	,	
Retirements	Adjustments	Transfers		Balance at End of Year	Line
(d)	(e)	(f)		End of Year (g)	No.
					47
-2,054			33,444	195,332,778	48
1,697,366			-20,377	103,118,867	49
21,170,658			1,063,771	1,766,593,572	50
785,849		3	3,041,612	568,724,054	51
16,033,770		3	3,256,925	499,096,613	52
1,711,557		•	1,891,835	735,906,268	53
				124,174	54
287,393				5,812,274	55
				42,238	56
					57
41,684,539		-	7,139,668	3,874,750,838	58
					59
225,313				64,198,609	60
1,033,567			20,377	105,367,985	61
16,146,385			-10,984	1,318,816,817	62
			,		63
6,661,947			7,329	1,526,567,463	64
13,503,859			30,945	2,143,620,189	65
10,352			00,010	198,792,030	66
4,852,531				1,927,865,633	67
1,803,479				1,412,898,306	68
783,554				1,049,289,043	69
89,082,595				528,916,769	70
5,343,534				841,249,312	71
3,010,001				0 , = , 0 =	72
1,200,316				228,147,481	73
1,200,010					74
140,647,432			47,667	11,345,729,637	75
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , ,	76
					77
					78
					79
					80
					81
					82
					83
					84
					85
				62,917,137	86
6,498,266			-618,354	646,838,651	87
3,765,379			-,	124,261,808	88
2,226,983				10,701,691	89
410,137				13,568,044	90
1,542				95,914,343	91
785,860				6,160,536	92
1,195,300				13,229,675	93
7,819,987				139,278,371	94
66,508				9,590,065	95
22,769,962			-618,354	1,122,460,321	96
, ,			,	, , ,	97
				-931,335	98
22,769,962			-618,354	1,121,528,986	99
474,403,733	-192,036,176	3	-531,047	38,254,507,250	100
					101
					102
					103
474,403,733	-192,036,176	5	-531,047	38,254,507,250	104
,,			7- 1-	,,,	1
i l		İ			1

	of Respondent Energy Carolinas, LLC	This Report Is: (1) X An Original (2) A Resubmission	Date of Report (Mo, Da, Yr) 04/12/2018	04/12/2018		
		ELECTRIC PLANT LEASED TO OTHE	RS (Account 104)			
Line No.	Name of Lessee (Designate associated companies with a double asterisk) (a)	Description of	Commission	Expiration Date of Lease (d)	Balançe at	
	with a double asterisk) (a)	Description of Property Leased (b)	Commission Authorization (c)	Lease (d)	Balance at End of Year (e)	
1						
2						
3						
4 5						
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9						
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13						
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15						
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31 32						
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39						
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41						
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43						
44						
45 46						
40						
47	TOTAL					

Name of Respondent This Report Is: (1) X An Origin		eport Is: X]An Origina	I	Date of Report (Mo, Da, Yr)		Year/Period of Report			
Duke Energy Carolinas, LLC		(2)	A Resubm				End	End of2017/Q4	
	EL	ECTRIC	PLANT HEL	D FOR FUTURE	USE (A	ccount 105)			
	eport separately each property held for future use	at end o	f the year hav	ring an original co	st of \$2	50,000 or more. Gr	oup othe	er items of property held	
	ture use.					hald fan fakana ara		allowers (a) the addition to	
	or property having an original cost of \$250,000 or r required information, the date that utility use of su								
Line	Description and Location	о р. ор	,			Date Expected to b	be used	Balance at	
No.	Of Property (a)			in This Acco		in Utility Serv	vice	End of Year (d)	
1	Land and Rights:					( )			
2	FURR ROAD RETAIL - HUNTERSVILLE, NC			10	0/2011		2022	1,227,200	
3	GALENOR SUBSTATION - CALDWELL, NC			10	0/2014		2034	1,000,853	
4	NORTH ALEXANDER STREET RETAIL SUB - C	HARLO	TTE NC	3	3/2012		2020	959,967	
5	LAKE NORMAN 525kv RIGHT OF WAY - CORN	ELIUS,	NC	1	1/1980		2024	937,983	
6	BELMEADE RETAIL LOT - CHARLOTTE, NC			11	1/2012		2020	804,674	
7	KANOY RETAIL LOT - THOMASVILLE, NC			7	7/2010		2021	575,861	
8				11	1/2013		2022	572,418	
9	SHOFFNER RETAIL SUBSTATION - GREENSE		IC	12	2/2009		2019	512,693	
	KERWIN CIRCLE RETAIL - KERNERSVILLE, N	3			5/2009		2022	512,463	
11	DORMAN ROAD RETAIL - PINEVILLE, NC			6	5/2012		2020	459,800	
12		NC			1/2012		2020	427,771	
	MATRIX RETAIL - GREENVILLE, SC				3/2016		2018	415,171	
	REVOLUTION MILL RETAIL SUBSTATION - GF	REENSB	ORO, NC		0/2011		2019	400,257	
	HIGHWAY 24 RETAIL - ANDERSON, SC				2/2008		2022	384,198	
	EDGEFIELD RETAIL - GREENSBORO, NC				2/2012		2020	370,486	
	LIBERTY SITE - GILFORD, NC				2/2016		2018	369,643	
	ROEBUCK RETAIL LOT - SPARTANBURG, SC				2/2012		2024	364,453	
	HERMAN RD RETAIL - CATAWBA, NC				1/2016		2025	351,579	
	LONG ISLAND ROAD RETAIL - CATAWBA, NC			5	5/2009		2022	369,682	
21	Other Property: SKYLAND RETAIL LOT - WINSTON-SALEM, NO	`		1	1/1990	I	2025	303,819	
	KEOWEE PLT PICKENS INSURABLE - SALEM,				0/2016		2025	284,915	
	LITTLE MOUNTAIN ROAD RETAIL - GASTONIA				2/2008		2022	282,811	
25	Other Land Rights < \$250K (63 items)	ι, πο		12	12000		2022	2,945,979	
26	Cities Edita Rights + \$2550 (55 ftchis)							2,040,070	
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
1 47	Total							44.004.070	
47	Total							14,834,676	

	e of Respondent	This (1)		port Is:  An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report		
Duke Energy Carolinas, LLC			É	A Resubmission	04/12/2018	End of		
	CONSTRUC							
	. Report below descriptions and balances at end of year of projects in process of construction (107)							
	2. Show items relating to "research, development, and demonstration" projects last, under a caption Research, Development, and Demonstrating (see							
	nor projects (5% of the Balance End of the Year fo	r Acco	oun	t 107 or \$1,000,000, whichev	er is less) may be groupe	d.		
Lina	Description of Project					Construction work in presumes		
Line No.	Description of Project	Construction work in progress - Electric (Account 107)						
1	DISTRIBUTION PLANT					(b)		
	DISTRIBUTION FLANT							
3	ACCRUALS CAPITAL CLASS - DISTRIBUTION	SLIBS	ST A	TIONS		6,063,853		
4	QUARTERLY OBSOLETE S&C CIRCUIT SWITE					5,627,852		
5	APPLE INC NEW SUBSTATION	OHER		000211200		4,390,905		
6	WADDELL ROAD RETAIL - TRANSFORMER B	ANK A	חר	NITION		3,907,855		
7	HOLT RETAIL - NEW 100/24/12 KV SUBSTATION					3,777,423		
8	CORINTH RETAIL - NEW 44/12.5 KV SUBSTAT					3,382,710		
9	BOTANICAL RETAIL - NEW SUBSTATION	1014				3,209,008		
10	BUSTER BOYD RETAIL - NEW SUBSTATION					2,212,143		
11	DERITA RETAIL - TRANSFORMER BREAKER	1				2,043,591		
12	COTTONWOOD RETAIL - TRANSFORMER AD		N			1,979,550		
13	SALISBURY MAIN 0402 RECONDUCTOR 9850					1,882,209		
14	NEW CIRCUIT KNIGHTS					1,783,207		
15	BIOGEN IMPERIAL AND GENELEE FEEDS					1,677,076		
16	DISTRIBUTION OVERHEAD/UNDERGROUND	1,921,170						
17	SOCK HILL RETAIL - NEW SUBSTATION	1,583,322						
18	FRONTIER SPINNING TRANSFORM	1,551,731						
19	1					1,503,734		
20						1,460,421		
21						1,432,866		
22	ANDALE - ALTERNATE 100KV FEED					1,431,203		
23	RUSD DEC SUBSTATION CAPACITY - BREN					1,327,806		
24	RUSD JESSUPTOWN RETAIL TRANSFORMER	R BRE	AK	ER CAPACITY		1,292,733		
25	RUSD DEC FEEDER CAPACITY - 1ST STREE	Г				1,278,592		
26	TOWN CREEK NETWORK TO WESTLAKE					1,274,080		
27	FP 20017 TRANSMISSION HB					1,076,343		
28	NCDOT U-3633 NC HWY 273 - PCW					1,066,252		
29	LOCUST RETAIL 100KV BREAKER ADDITION					1,016,305		
30	PROJECTS LESS THAN \$1 MILLION					83,066,162		
31	TOTAL DISTRIBUTION PLANT \$144,220,102	2						
32								
33	GENERAL PLANT							
34								
35	ELECTRIC BUSINESS SEGMENT - UNIVERSA	L PAF	RK (	CHARLOTTE NC - CUSTOM	ER SERVICE CENTER	21,170,897		
36	CUSTOMER CONNECT FUNDING PROJECT					13,214,933		
37	REAL ESTATE SERVICES CAROLINA EAST C	APITA	L L	OCATIONS		9,086,444		
38	GENERAL ACCRUAL FOR DUKE POWER					8,981,842		
39	DAILY RATING CHARGING ESTIMATE TOOL					7,195,546		
40	PROJECT GATOR INDIRECT FUNDING					5,776,563		
41	TELECOM MICROWAVE PROJECTS NC					5,282,729		
42	REAL ESTATE SERVICES GENERAL PLANT V	VORK				4,977,902		
43	TOTAL					2,610,346,436		

	e of Respondent	Year/Period of Report				
Duke	Energy Carolinas, LLC	(1)	F	ĠAn Original ∃A Resubmission	(Mo, Da, Yr) 04/12/2018	End of
	CONSTRUC	CTION	W	ORK IN PROGRESS ELE	CTRIC (Account 107)	
2. Sh 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 f	demo	nstr	ration" projects last, under a	caption Research, Develo	
Line	Description of Project	ct				Construction work in progress -
No.	(a)	Electric (Account 107) (b)				
1	CAROLINAS EMS CONSOLIDATION					2,636,874
2	DEE SECURE NETWORK INFRASTRUCTURE					1,999,727
3	TELECOM MICROWAVE PROJECTS POWER	DELI\	/EF	RY		1,607,247
4	PANASONIC UNITS - CAROLINAS EAST					1,580,986
5	SMARTGRID - DEE MDM SCALE FUNDING					1,485,933
6	ESO CW TECHNOLOGY PROJECT					1,462,489
7	REAL ESTATE SERVICES MISCELLANEOUS	CARO	LIN	IAS WEST GENERAL PLAN	T PROJECTS	1,393,975
8	TELECOM MICROWAVE PROJECTS SC					1,337,388
9	PROJECTS LESS THAN \$1 MILLION					3,796,456
10	TOTAL GENERAL PLANT \$92,987,931					
11						
12	INTANGIBLE PLANT					
13						
14	LEE NUCLEAR CONSTRUCTION AND OPERA	ATING	LIC	ENSE		308,206,333
15	DAILY RATING CHARGING ESTIMATE TOOL					15,587,331
16	DISTRIBUTED MANAGEMENT SYSTEM PRO	8,986,971				
17	INT657E-CAROLINAS EMS CONSOLIDATION	8,947,507				
18	18 CATAWBA WATEREE RELICENSING VR					7,811,246
19	SMARTGRID DEE DISTRIBUTED MANAGEME	7,539,140				
20	SMARTGRID TRANSMISSION OUTAGE APP	ICAT	ION	REPLACEMENT FUND		4,827,044
21	OCONEE UNIT 1 MEASUREMENT UNCERTAIN	NTY F	REC	APTURE RATE		4,271,860
22	OCONEE UNIT 3 MEASUREMENT UNCERTAIN	NTY F	REC	APTURE RATE		3,767,650
23	SMARTGRID DEE TRANSMISSION HEALTH F	RISK N	1AN	AGEMENT		3,254,549
24	OCONEE CORE MONITORING SOFTWARE A	ND SE	ΞRV	'ERS		3,159,566
25	OCONEE UNIT 2 MEASUREMENT UNCERTAIN	NTY F	REC	APTURE RATE		3,130,364
26	ESO - TCC ELECTRONIC MAPBOARD					2,837,128
27	KEOWEE-TOXAWAY RELICENSING NP					2,572,879
28	DEE ADVANCED METERING INFRASTRUCTU	JRE O	PS	CENTER		1,797,952
29	SMARTGRID DISTRIBUTED MANAGEMENT S	YSTE	ME	ENHANCEMENTS		1,665,364
30	ENABLE HARDWARE FOR DEC					1,423,642
31	NUCLEAR MERGER PROJECT 1.1					1,050,902
32	PROJECTS LESS THAN \$1 MILLION					4,884,187
33	TOTAL INTANGIBLE PLANT \$395,721,615					
34						
35	PRODUCTION PLANT					
36						
37	LEE SITE COMBINED CYCLE					550,248,014
38	LEE NUCLEAR CONSTRUCTION AND OPERA	ATING	LIC	CENSE		247,030,266
39	OCONEE UNIT 1 MAIN STREAM ISOLATION	/ALVE	S			84,839,113
40	MARSHALL STEAM DRY BOTTOM ASH CON	/ERSI	ON			55,758,836
41	BELEWS CREEK CCP BC DRY BOTTOM ASH	CON	VEF	RSION		54,051,215
42	BRIDGEWATER LINVILLE DAM					53,119,528
1						
43	TOTAL					2,610,346,436

	e of Respondent	This (1)	Re	eport Is: (∏An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report		
Duke Energy Carolinas, LLC			É	A Resubmission	04/12/2018	End of		
	CONSTRUC							
	. 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							
	. Minor projects (5% of the Balance End of the Year for Account 107 or \$1,000,000, whichever is less) may be grouped.							
						1		
Line No.	Description of Project	Construction work in progress - Electric (Account 107)						
	(a)					(b)		
1	KEOWEE UNIT 1 GENERATOR STATOR OVEI	RHAU	'L			42,301,836		
2	OMP-LPT REPLACEMENT U3					33,183,809		
3	OMP-LPT REPLACEMENT U2					32,555,216		
4	MARSHALL ENHANCED FUEL GAS DESULFU				:AN I	29,374,331		
5	MARSHALL STEAM STORM WATER / PROCE		ΑT	ER REROUTE		20,954,074		
6	ALLEN STEAM DRY BOTTOM ASH CONVERS	ION				19,777,878		
7	MARSHALL STEAM REPLACE 2 LP ROTOR					19,353,671		
8	MCGUIRE EMERGENCY SUPPLIMENTAL POV		SO	JRCE		18,080,170		
9	MARSHALL STEAM LINED RETENTION BASIN	1				17,150,749		
10	MARSHALL CELLS 3 AND 4 NEW LANDFILL					15,666,844		
11	OCONEE MAIN GENERATOR RELAY PANEL					14,894,361		
12	LINED RETENTION BASIN					14,389,216		
13	OCONEE ROOF REPLACEMENT TURBINE U1		U3			14,337,003		
14	ACTIVE WASTE WATER TREATMENT SYSTE	M				13,722,634		
15	MARSHALL STEAM 04 SCR INSTALLATION					13,536,829		
16	BAD CREEK U2 MW UPRATE	13,437,902						
17	BELEWS CREEK CCP STORM WATER / PROC	13,279,804						
18	BELEWS CREEK CCP LINED RETENTION BAS	13,196,427						
19	OCONEE ISFSI PHASE 9 FOUNDATION SLAB	13,073,807						
20	OCONEE UNIT 1 MEASUREMENT UNCERTAIL	12,362,522						
21	LARK HIGH BAY MAINTENANCE FACILITY					12,084,229		
22	CLIFFSIDE 5&6 STORMWATER SURGE BASIN	1				11,885,276		
23	OCONEE SSF GENERATOR REPLACEMENT					11,663,427		
24	LEE STEAM WASTE WATER TREATMENT					11,656,246		
25	MCGUIRE MAIN STEP-UP TRANSFORMER 2E	3				11,524,612		
26	CLIFFSIDE 6 DUAL FUEL COFIRING			A.D.T.U.D.E. D.A.T.E.		11,112,814		
27	OCONEE UNIT 2 MEASUREMENT UNCERTAIL					9,446,270		
28	OCONEE UNIT 3 MEASUREMENT UNCERTAIL	VIYF	KE(	CAPTURE RATE		8,967,400		
29	OCONEE DRY STORAGE PHASE 8			0475 1101105		8,836,804		
30	CEDAR CLIFF POWER HOUSE DAM IDF SPIL					8,263,129		
31	OCONEE UNIT 1 MAIN STEP UP TRANSFORM					7,860,003		
32	CLEMSON COMBINED HEAT AND POWER (C OCONEE PLANT SSF LETDOWN LINE MODIF					7,548,681 7,145,706		
33	OCONEE PLANT 33F LETDOWN LINE MODIF					6,992,001		
34	MCGUIRE UNIT 2 MAIN POWER RELAYING	VIIIIG		ON SECONITI STSTEMS		6,892,734		
35	COAL HANDLING CONTROL ROOM					6,639,288		
36	CLIFFSIDE 5 DUAL FUEL COFIRING							
37 38	CCP ALTERNATE START UP DFA SYSTEM					6,597,882 6,455,587		
	BELLEWS CREEK 02 SECONDARY SH REPLA	CEM	EVI	т		5,872,610		
39 40	ALLEN STEAM STORM WATER / PROCESS W					5,678,743		
40	MCGUIRE LICENSE RENEWAL	/ \ I L F	. 11			5,496,351		
41	CLIFFSIDE UNIT 5 - DRY BOTTOM ASH CONV	/EYIN	G S	SYSTEM		5,298,070		
74				· · · · · · · · · · · · · · · ·		5,255,010		
43	TOTAL					2,610,346,436		
	- ·- · <del>-</del>					2,010,040,430		

Name	e of Respondent	This (1)	Report Is: X An Origin	al	Date of Report (Mo, Da, Yr)	Year/Period of Report		
Duke	Energy Carolinas, LLC	(2)	A Resubr		04/12/2018	End of		
	CONSTRUC	TION	WORK IN PR	OGRESS ELEC	TRIC (Account 107)			
1. Re	. 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 of Accounts) 3. Minor projects (5% of the Balance End of the Year for Account 107 or \$1,000,000, whichever is less) may be grouped.							
J. IVIII	ior projects (5% or the balance End of the real ic	л Ассс	Julit 107 OI \$1	,000,000, whicheve	er is less) may be groupe	u.		
Line	Description of Project	Construction work in progress -						
No.	(a)					Electric (Account 107) (b)		
1	MARSHALL REPLACE CLARIFIER WITH ULTR	RAFILT	ER			5,094,303		
2	MCGUIRE INSTALL OPEN PHASE DETECTION	N				4,861,408		
3	OMP-T MCCB MOLDED CASE BREAKERS					4,660,828		
4	MARSHALL STEAM UNIT2 HP-IP ROTOR REP	LACE				4,505,454		
5	UNIT #4 AERATING RUNNER					4,445,778		
6	OCONEE RPS/ES ADDITIONAL WORK					4,427,334		
7	STORM WATER / PROCESS WATER REROUT	 ГЕ				4,417,434		
8	COWANS FORD UNIT 4 LIFE EXTENSION ELE					4,288,204		
9	CATAWBA - EDG SUPPLEMENTAL POWER S					4,174,740		
10	MCGUIRE NUCLEAR SITE U2 DIGITAL ROD P			ON INSTALLATION	N	3,783,295		
11	OCONEE NUCLEAR SITE SPENT FUEL SUPP				•	3,604,707		
12	KEOWEE UNIT 2 GENERATOR STAOR OVER			ivi		3,302,220		
13	ENHANCED FGD WASTEWATER TREATMEN		NEI GINDIOI.			3,302,220		
	MCGUIRE UNIT 1 & UNIT 2 POLAR CRANE ME		° CONTROL S	<u> </u>		3,227,799		
14	MCGUIRE PHASE IV DRY STORAGE		- CONTROL	•		3,068,180		
15								
16	U2 OPEN PHASE FAULT DETECTION SYSTEM	VI				3,017,400		
17	MCGUIRE UNIT 2 D/H TORNADOR MISSLE					3,012,208		
18	WOODLEAF SOLAR FACILITY					2,942,513		
19	LOOKOUT SHOALS PLANT - SEISMIC NET PF		T			2,931,069		
20	MCGUIRE UNIT 1 DCS SERVER PROJECTOR					2,816,365		
21	DEARBORN DIVERSION DAM STRUCTURAL		FICATIONS			2,716,571		
22	UNIT 2_TRASH RACKS STOP LOGS SYSTEM					2,651,963		
23	LINED RETENTION BASINS					2,591,920		
24	LINCOLN COMBUSTION TURBINE					2,540,134		
25	OMP-T SSF ASW PIPING REPLACEMENT					2,537,389		
26	OCONEE NUCLEAR SITE SUPPLEMENTAL LI	CENS	E REQUEST			2,510,734		
27	2017 HARDWARE REFRESH					2,510,050		
28	CATAWBA NUCLEAR SITE U1 STEAM PATH F	REPLA	CEMENT			2,486,187		
29	DUKE UNIVERSITY COMBINED HEAR AND PO	OWER	(CHP) PROJ	ECT		2,454,375		
30	CATAWBA NUCLEAR SITE U2 STEAM PATH F	REPLA	CEMENT			2,438,271		
31	OCONEE NUCLEAR SITE U2 CYBER SECURI	TY MI	TIGATION			2,407,594		
32	SSF RCMU PULSATION DAMPENER					2,405,712		
33	KEOWEE UNIT 1 ON-LINE MONITORING GEN	ERAT	OR			2,399,911		
34	OCONEE NUCLEAR SITE U3 CYBER SECURI	TY MI	TIGATION			2,363,803		
35	OCONEE NUCLEAR SITE U1 CYBER SECURI	TY MI	TIGATION			2,351,728		
36	OCONEE SSF SUMP PUMP/PIPING REPLACI	NG				2,337,004		
37	MCGUIRE UNIT 1 GENERATOR STATOR REF	URBIS	SHMENT			2,329,311		
38	CLIFFSIDE UNIT 5 BIOREACTOR WASTE WA	TER T	REATMENT			2,202,219		
39	PURCHASE LAND AROUND LANDFILL					2,182,164		
40	OMP-T SSF LETDOWN LINE U3					2,175,663		
41	CATAWBA OUTER VBS&OCA CAMERA STAN	DARD	IZATION			2,073,169		
42	MARSHALL STEAM SMART M&D PHASE 2 & 3					2,053,633		
72						_,,,,,,,		
42	TOTAL							
43	TOTAL					2,610,346,436		

	e of Respondent	Thi (1)	s Re	eport Is: (]An Original	riginal (Mo Da Vr)			
Duke	Energy Carolinas, LLC	(2)	Ľ	A Resubmission	04/12/2018	End of		
	CONSTRUC	OITC	1 W	 ORK IN PROGRESS ELEC	TRIC (Account 107)			
2. She Accou	port below descriptions and balances at end of yeo 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, under a c	aption Research, Develop			
Line	Description of Project	ct				Construction work in progress -		
No.	(a)	Electric (Account 107) (b)						
1	OCONEE UNITS 1,2 AND 3 LED LIGHT FIXTU	JRES	IN T	URBINE BUILDING		2,052,211		
2	MCGUIRE UNIT 2 DCS SERVER PROJECTOR	?				2,036,443		
3	COWANS FORD UNIT 4 LIFE EXTENSION ME	CHAI	NIC	AL .		1,895,691		
4	TELECOM NUCLEAR FUNDING					1,837,691		
5	OCONEE NUCLEAR SITE SIMULATOR SOFT\	NARE	Ξ			1,827,107		
6	ONP-KEOWEE ON-LINE MONITORING U2					1,818,803		
7	MCGUIRE NUCLEAR SITE BULLET-RESISTA	NT E	NCL	.OSURE		1,764,050		
8	OMP-T FWHTR ACCUMULATORS U3					1,763,007		
9	OMP-AB CHILLERS					1,751,672		
10	MCGUIRE UNIT 2 RN SUCTION OVERPRESS	URE	PRO	TECTION SYSTEM		1,738,911		
11	OCONEE NUCLEAR SITE COMPLEX REFURE	BISH 2	2ND	FLOOR		1,625,874		
12	MCGUIRE UNIT 1 RN SUCTION OVERPRESS	URE	PRO	DTECTION		1,609,359		
13	COWANS FORD UNIT 1 LIFE EXTENSION GE	NER	ATO	R COVER AND HEADGATES	3	1,583,962		
14	MOUNTAIN ISLAND DAM SEISMIC					1,553,751		
15	CAPITAL LEASE GAS LINE HEATERS					1,539,822		
16	AS05 - SOOTBLOWER PROJECT	1,495,764						
17	HCAD TRIPPER ROOM VENTILATION	1,450,104						
18	RK01 STACK SILENCERS	1,411,091						
19	MCGUIRE UNIT 1- 4 ROTORK NA2 ACTUATO	1,392,608						
20	OCONEE NUCLEAR SITE CYBERSECURITY	1,365,023						
21	U2 4 ROTORK NA2 ACTUATOR					1,360,094		
22	PSCS HARDWARE/SOFTWARE REPLACEME	NT				1,312,552		
23	CLIFFSIDE 6 MISCELANEOUS CAPITAL VALV	/ES E	LAN	IKET		1,285,730		
24	UNIT 2 INLINE HYDROGEN GAS MONITOR					1,250,133		
25	NANTAHALA HYDRO - PENSTOCK COATING	S FO	R W	HITE OAK PIPELINE		1,237,157		
26	MCGUIRE UNIT 2 RV SHROUD REPLACEMEN	NT				1,202,378		
27	VERTICAL BORING MILL					1,173,611		
28	OCONEE NUCLEAR SITE 1B2 RCP SEAL (201	18)				1,169,974		
29	ANHYDROUS AMMONIA PSM CLASS 2 SAFE	HAV	ENS	<b>;</b>		1,123,840		
30	WATEREE U3 GENERATOR BREAKER 3GCB					1,111,521		
31	HCAD - COAL CRUSHER MOTORS					1,100,172		
32	COWANS FORD LIFE EXTENSION COMMON	MEC	HAN	IICAL		1,049,536		
33	BUCK CT CCP PROCESS WATER REROUTE					1,025,504		
34	PROJECTS LESS THAN \$1 MILLION					73,430,053		
35	TOTAL PRODUCTION PLANT \$1,864,415,83	31						
36								
37	TRANSMISSION PLANT							
38								
39	NOTTOWAY SECURITY ENHANCEMENT					10,873,663		
40	UNION 100KV LINE REBUILD					10,413,027		
41	TUXEDO A&B KV LINE REBUILD PHASE II					8,308,406		
42	MCGUIRE UNIT 1B MSU TRANSFORMER					7,915,596		
43	TOTAL					2,610,346,436		

Name	e of Respondent	This (1)	Re	port Is:  An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report
Duke	Energy Carolinas, LLC	(2)	Ē	A Resubmission  ORK IN PROGRESS ELEC	04/12/2018	End of2017/Q4
	•					
2. Sh	port below descriptions and balances at end of ye ow items relating to "research, development, and					oment, and Demonstrating (see
	int 107 of the Uniform System of Accounts) nor projects (5% of the Balance End of the Year fo	· · · · · · · · · · · · · · · · · · ·		t 107 or \$1 000 000 whichou	or in loop) may be groupe	
S. IVIII	ior projects (5% or the balance End of the Year ic	or ACC	ouri	t 107 of \$1,000,000, whichev	er is less) may be groupe	u.
Line	Description of Project	t				Construction work in progress - Electric (Account 107)
No.	(a)					(b)
1	OCONEE 230KV PCB'S REPLACEMENT					7,902,818
2	OWEN SECURITY ENHANCEMENT					7,431,107
3	WINECOFF BANK 1					5,718,421
4	E SPARTENBURG TIE - RELAY					3,774,049
5	MARSHALL STEAM STATION 230-44KV					3,208,120
6	ANDALE - ALTERNATE 100KV FEED					3,039,248
7	MAYO SECURITY ENHANCEMENT					2,959,971
8	LEE NUCLEAR TRANSMISSION ASSETS					2,434,258
9	TOWN CREEK NETWORK TO WESTLAKE					2,221,517
10	CABIN CREEK 44KV LINE REBUILD					2,113,378
11	OAKBORO BANK 4 ADDITION					1,682,755
12	ALAMANCE LINE					1,461,895
13	BELEWS CREEK_RURAL HALL B&W TU					1,408,929
14	OPGW - MARSHALL 230 KV TRANSMISSION I	INES				1,107,870
-	PROJECTS LESS THAN \$1 MILLION	LIIVEC				29,025,929
15		7				29,023,929
16	TOTAL TRANSMISSION PLANT \$113,000,95	) <i>(</i>				
17						
18						
19						
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21						
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40						
41						
-						
42						
	TOTAL					
43	TOTAL					2,610,346,436

Name of Respondent	This Report Is: (1) X An Original	Date (	Date of Report Year/Period of Report (Mo, Da, Yr)						
Duke Energy Carolinas, LLC	(2) A Resubmission	,	,	End of 2017/Q4					
ACCUMULATED PROV	ISION FOR DEPRECIATION	ON OF ELECTRIC UTII	ITY PLANT (Ac	count 108)					
<ol> <li>Explain in a footnote any important adjustmer</li> <li>Explain in a footnote any difference between</li> </ol>	the amount for book cos	•		e), and that reported for					
electric plant in service, pages 204-207, column	,	•							
	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 costs included in retirement work in progress at year end in the appropriate functional								
classifications.									
4. Show separately interest credits under a sinking fund or similar method of depreciation accounting.									
	ction A. Balances and C								
Line Item No. (a)	Total (c+d+e)	Electric Plant in Service	Electric Plai for Future	nt Held Electric Plant e Use Leased to Others					
(a)	(b)	(c)	(d)	(e)					
1 Balance Beginning of Year	14,286,182,243	14,286,182,24	.3						
2 Depreciation Provisions for Year, Charged to									
3 (403) Depreciation Expense	984,369,327	984,369,32	27						
4 (403.1) Depreciation Expense for Asset Retirement Costs									
5 (413) Exp. of Elec. Plt. Leas. to Others									
6 Transportation Expenses-Clearing	1,236,368	1,236,36	68						
7 Other Clearing Accounts									
8 Other Accounts (Specify, details in footnote):	92,044,977	92,044,97	7						
9									
10 TOTAL Deprec. Prov for Year (Enter Total of lines 3 thru 9)	1,077,650,672	1,077,650,67	2						
11 Net Charges for Plant Retired:									
12 Book Cost of Plant Retired	463,141,721	463,141,72	:1						
13 Cost of Removal	128,984,666	128,984,66	66						
14 Salvage (Credit)	28,639,672	28,639,67	'2						
15 TOTAL Net Chrgs. for Plant Ret. (Enter Total of lines 12 thru 14)	563,486,715	563,486,7	5						
16 Other Debit or Cr. Items (Describe, details in footnote):	28,483,911	28,483,9	1						
17									
18 Book Cost or Asset Retirement Costs Retired									
19 Balance End of Year (Enter Totals of lines 1, 10, 15, 16, and 18)	14,828,830,111	14,828,830,1	1						
Section B.	Balances at End of Year	According to Function	nal Classification	on					
20 Steam Production	3,364,852,908	3,364,852,90	8						
21 Nuclear Production	3,226,067,944	3,226,067,94	4						
22 Hydraulic Production-Conventional	294,538,252	294,538,25	52						
23 Hydraulic Production-Pumped Storage	672,022,673	672,022,67	'3						
24 Other Production	814,261,336	814,261,33	66						
25 Transmission	1,403,966,062	1,403,966,06	52						
26 Distribution	4,657,540,019	4,657,540,0	9						
27 Regional Transmission and Market Operation									
28 General	395,580,917	395,580,9	7						
29 TOTAL (Enter Total of lines 20 thru 28)	14,828,830,111	14,828,830,1	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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

Schedule Page: 219 Line No.: 8 Column: c				
ARO Depreciation Deferral	\$111,712,120			
SC EDP Deferral Giveback	\$2,064,699			
Amortization - Cliffside 6 (contra)	(\$9,622,692)			
Depreciation Deferral - McGuire uprate	(\$362 <b>,</b> 760)			
Depreciation Deferrals - Dan River	(\$2,720,688)			
Depreciation Deferrals - Solar	\$324 <b>,</b> 548			
TEP Impairment Amortization	\$618 <b>,</b> 500			
Depreciation Reclassification	(\$19,126)			
Buck & Riverbend Amortization - NBV & Inventory	(\$9,767,220)			
Buck & Bridgewater Amortization	(\$945 <b>,</b> 324)			
WWII Amortization	(\$75 <b>,</b> 977)			
Rotable Fleet Spare Amortization	(\$1,548,845)			
Depreciation Deferral on SC AMI Meters	\$2,387,742			
Total	\$92,044,977			
Schedule Page: 219 Line No.: 16 Column: c				
NBV of Retired NC/SC Meters to Reg Asset	\$29,307,533			
Gain/Loss	(\$665 <b>,</b> 201)			
RFS Transfer	(\$125 <b>,</b> 616)			
Transfers and Adjustments	(\$32,805)			
Total	\$28,483,911			

Name of Respondent  This Report Is: (1) X An Original					Date of Re (Mo, Da, Y	eport (r)	Yea	r/Period o	-
Duke Energy Carolinas, LLC				Resubmission	04/12/201		End	of2	2017/Q4
	INVESTM	(2) ENTS		SIDIARY COMPANIE					
2. Pro colum (a) Inv	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.								
currer date,	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 late, and specifying whether note is a renewal.								
Accou	port separately the equity in undistributed subsidint 418.1.			since acquisition. The	TOTAL in column	(e) should e	qual the	amount e	entered for
Line No.	Description of Inve (a)	stmer	nt		Date Acquired (b)	Date Of Maturity (c)	Ar	nount of In Beginnin (d	nvestment at ng of Year )
1	The Eastover Companies				6/30/1970				
2	Common Stock + Investment in Sub Equity								8,282,949
3	Undistributed Earnings								-3,502,255
4	Advances (open accounts)								
5	Subtotal The Eastover Companies								4,780,694
6									
7	Claiborne Energy Services, Inc.				3/01/1990				
8	Common Stock + Investment in Sub Equity								3,917,479
9	Undistributed Earnings								2,623,205
10	Advances (open accounts)								
-	Subtotal Claiborne Energy Services, Inc.								6,540,684
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
$\vdash$									
32									
34									
35									
36									
37									
38									
39							_		
40									
41									
+									
42	Total Cost of Account 123.1 \$			0		TOTA	<u>.                                     </u>		11,321,378
	μισται σους στητουσαίτε 120.1 ψ			VI		, , , , , , ,	1		11,021,010

Name of Respondent			Report Is		Date of Re (Mo, Da, Y	port	Year/Period of Re	port
Duke Energy Carolinas, LLC					04/12/2018		End of2017/Q4	
	INVESTMENTS IN SUBSIDIARY COMPANIES (Account 123.1) (Continued)							
<ol> <li>For any securities, notes, or accour and purpose of the pledge.</li> <li>If Commission approval was require date of authorization, and case or dock Report column (f) interest and divid</li> <li>In column (h) report for each investing</li> </ol>	ed for any advanc ket number. end revenues for	ce mad	de or secu	rity acquired, designate including such revenue	e such fact in a	footnote an	d give name of Commi	ssion,
the other amount at which carried in th in column (f). 8. Report on Line 42, column (a) the T				rom cost) and the sellir	ng price thereof	, not includii	ng interest adjustment	includible
Equity in Subsidiary Earnings of Year (e)	Revenues fo			Amount of Investr End of Year (g)			oss from Investment Disposed of (h)	Line No.
								1
					8,282,949			2
-21,341					-3,523,596			3
24 244					4.750.252			5
-21,341					4,759,353			6
+								7
					3,917,479			8
1,814,033					4,437,238			9
								10
1,814,033					8,354,717			11
								12
								13
								14
								15
								16
								17 18
								19
<u> </u>								20
								21
								22
								23
								24
								25
								26
								27
								28
								29 30
								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
								41
1.792.692					13,114,070			42

Name of Respondent This		This Report Is: 1) □   X   An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report	
Duke	Energy Carolinas II C	2) A Resubmission	04/12/2018	End of2017/Q4	
	I `	MATERIALS AND SUPPLIES			
1. Fc	or Account 154, report the amount of plant materials a	and operating supplies under the prin	mary functional classifications	as indicated in column (a);	
	ates of amounts by function are acceptable. In colum				
	ve an explanation of important inventory adjustments	• • • •			
	us accounts (operating expenses, clearing accounts,	plant, etc.) affected debited or credit	ed. Show separately debit or	credits 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)	290,783,909	229,301,332	2 Electric	
2	Fuel Stock Expenses Undistributed (Account 152)				
3	Residuals and Extracted Products (Account 153)				
4	Plant Materials and Operating Supplies (Account 15	54)			
5	Assigned to - Construction (Estimated)				
6	Assigned to - Operations and Maintenance				
7	Production Plant (Estimated)	597,521,349	555,915,158	B Electric	
8	Transmission Plant (Estimated)	51,456,333	49,052,803	B Electric	
9	Distribution Plant (Estimated)	70,924,830	92,574,165	5 Electric	
10	Regional Transmission and Market Operation Plant (Estimated)				
11	Assigned to - Other (provide details in footnote)				
12	TOTAL Account 154 (Enter Total of lines 5 thru 11)	719,902,512	697,542,126	3	
13	Merchandise (Account 155)				
14	Other Materials and Supplies (Account 156)	56,950	71,128	5	
15	Nuclear Materials Held for Sale (Account 157) (Not applic to Gas Util)				
16	Stores Expense Undistributed (Account 163)	43,768,488	44,420,013	3	
17					
18					
19					
20	TOTAL Materials and Supplies (Per Balance Sheet)	1,054,511,859	971,334,596	3	

	e of Respondent	This (1)	This Report Is: (1) X An Original			Date of Report Year/Period of Report (Mo, Da, Yr)			
Duke	Energy Carolinas, LLC	(2) A Resubmission			04/12/2018 End			of 2017/Q4	
		All	Allowances (Accounts 158.1 and 158.2)						
. R	eport below the particulars (details) called fo	r conc	erning allowances		<u> </u>				
	eport all acquisitions of allowances at cost.		<u> </u>						
	eport allowances in accordance with a weigh	ted av	erage cost allocat	ion method	d and other	accounting a	s prescri	bed by General	
nstru	uction No. 21 in the Uniform System of Accou	unts.							
	eport the allowances transactions by the per				-				
	rances for the three succeeding years in colu	mns (	d)-(i), starting with	the followi	ng year, an	d allowances	for the r	emaining	
	eeding years in columns (j)-(k).				_				
. R	eport on line 4 the Environmental Protection	Agend	cy (EPA) issued all	owances.	Report with	nheld portion	s Lines 3	6-40.	
ine	SO2 Allowances Inventory		Curren		1	NI-	20	-	
No.	(Account 158.1) (a)		No. (b)		mt. c)	No. (d)		Amt. (e)	
1	Balance-Beginning of Year		1,008,906.00	•	435,020		172,130.00	(-)	
2									
3	Acquired During Year:								
4	Issued (Less Withheld Allow)		6,623.00						
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		20,591.00		5,450				
19	Other:								
20									
21	Cost of Sales/Transfers:								
22									
23									
24									
25									
26 27		-							
28	Total								
29	Balance-End of Year		994,938.00		429,570	•	172,130.00		
30	- 25.5.100 End of 1001		554,555.00		120,010		_,,,,,,,,,		
31	Sales:								
32	Net Sales Proceeds(Assoc. Co.)								
33	Net Sales Proceeds (Other)								
34	Gains								
35	Losses								
	Allowances Withheld (Acct 158.2)								
36	Balance-Beginning of Year		4,130.00				4,130.00		
37	Add: Withheld by EPA	-							
38	Deduct: Returned by EPA		1 100 00						
39	Cost of Sales		4,130.00				4 120 00		
40	Balance-End of Year						4,130.00		
41 42	Sales:								
43	Net Sales Proceeds (Assoc. Co.)						ı		
44	Net Sales Proceeds (Assoc. Co.)				130				
45	Gains				130				
46	Losses								

Name of Respond	dent		This Report Is: (1) X An Ori	ninal	Date of Repo (Mo, Da, Yr)	ort	Year/Pe	eriod of Report	
I Duke Energy Carolinas II C				giriai ubmission	04/12/2018			d of 2017/Q4	
		Allow	ances (Accounts	158.1 and 158.2) (	Continued)				$\neg$
43-46 the net sa 7. Report on Lin company" under 8. Report on Lin 9. Report the no	ales proceeds and nes 8-14 the nam r "Definitions" in the nes 22 - 27 the notes toosts and beno et costs and beno	s returned by the d gains/losses re nes of vendors/tra the Uniform Syst ame of purchase efits of hedging to	EPA. Report or esulting from the ansferors of allo em of Accounts ers/ transferees or ansactions on a	n Line 39 the EPA EPA's sale or aud wances acquire a	a's sales of the wi ction of the withh nd identify associ cosed of an ident der purchases/tra	eld allowa ciated com ify associa ansfers an	nces. panies (Se ated comp	ee "associated	
•									
	019		020	Future Y		Na	Totals		Line
No. (f)	Amt. (g)	No. (h)	Amt. (i)	No. (j)	Amt. (k)	No. (I)		Amt. (m)	No.
137,539.00		138,060.00		3,587,331.00		5,043	3,966.00	435,020	1
									3
				138,236.00		144	4,859.00		4
									5
									6
									8
									9
									10
									11
									13
									14
									15
									16 17
						20	0,591.00	5,450	
									19
									20
									22
									23
									24
									25 26
									27
107.700.00		400,000,00		0 =05 =05 00		- 10	2 22 4 22		28
137,539.00		138,060.00		3,725,567.00		5,168	8,234.00	429,570	29 30
									31
									32
									33 34
									35
4,130.00		4,130.00		111,510.00		128	8,030.00		36
									37 38
						4	4,130.00		39
4,130.00		4,130.00		111,510.00		123	3,900.00		40
									41
									42
					31			161	44
					31			161	45
									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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

#### Schedule Page: 228 Line No.: 1 Column: b

Pg 228a Line No. 1 Column b

Beginning balance includes allowances for Cross State Air Pollution Rule and the Acid Rain Program.

#### Schedule Page: 228 Line No.: 1 Column: d

Pg 228a Line No. 1 Column d

Beginning balance includes allowances for Cross State Air Pollution Rule and the Acid Rain Program.

# Schedule Page: 228 Line No.: 18 Column: c Pg 228a Line No. 18 Column c

Does not include the \$13,635,107 for renewable energy credits consumption expense represented in account 0509213.

## Schedule Page: 228 Line No.: 29 Column: b

Pg 228a Line No. 29 Column b

Ending balance includes allowances for Cross State Air Pollution Rule and the Acid Rain Program.

#### Schedule Page: 228 Line No.: 29 Column: d

Pg 228a Line No. 29 Column d

Ending balance includes allowances for Cross State Air Pollution Rule and the Acid Rain Program.

#### Schedule Page: 228 Line No.: 29 Column: m

Pg 229a Line No. 29 Column m

Does not include the \$38,260,073 for renewable energy credits represented in account 0158120.

#### Schedule Page: 228 Line No.: 39 Column: b

Pg 228a Line No. 39 Column b

Represents allowances withheld in 2017 sold at auction.

# Schedule Page: 228 Line No.: 44 Column: m

Pg 229a Line No. 44 Column m

Represents 2017 SO2 EPA Auction proceeds

lame	e of Respondent	This Report Is:	Date of Repo	Date of Report Year/Period of Report					
Duke	Energy Carolinas, LLC	(1) ⊠An Original (2) □A Resubmission	(Mo, Da, Yr) 04/12/2018	End o	of 2017/Q4				
		_ `							
	Allowances (Accounts 158.1 and 158.2)								
. R	Report below the particulars (details) called for concerning allowances.								
	Report all acquisitions of allowances at cost.								
	Report allowances in accordance with a weighted average cost allocation method and other accounting as prescribed by General								
	uction No. 21 in the Uniform System of Accou		and other door						
	Report the allowances transactions by the period they are first eligible for use: the current year's allowances in columns (b)-(c),								
	rances for the three succeeding years in colu	-							
	— ·	illis (d)-(i), starting with the ic	mowing year, and an	owances for the n	emaining				
	eeding years in columns (j)-(k).	Agency (EDA) issued allower	cae Donort withhold	d nortions Lines 2	6.40				
. ĸ	eport on line 4 the Environmental Protection								
ine	NOx Allowances Inventory	Current Year		20					
No.	(Account 158.1) (a)	No. (b)	Amt. (c)	No. (d)	Amt. (e)				
1		34,700.00	9,779	22,383.00	(6)				
1	Balance-Beginning of Year	34,700.00	9,779	22,303.00					
2	Agguired During Vas-								
	Acquired During Year:	4.040.00		1					
4	Issued (Less Withheld Allow)	1,043.00							
5	Returned by EPA								
6									
7									
8	Purchases/Transfers:								
9									
10									
11									
12									
13		1							
14									
15	Total								
16									
17	Relinquished During Year:								
		20.887.00	20	ı					
18	Charges to Account 509	20,887.00	-30						
19	Other:	4.044.00		-					
20	Reallocation of OZone EAs	1,214.00							
21	Cost of Sales/Transfers:	w =							
22	Sales (see notes)	5,500.00	4,530						
23									
24									
25									
26									
27									
28	Total	5,500.00	4,530						
29	Balance-End of Year	8,142.00	5,279	22,383.00					
30									
31	Sales:								
32	Net Sales Proceeds(Assoc. Co.)								
33	Net Sales Proceeds (Other)		271,000						
34	Gains	+	266,470						
	Losses	+	200,470						
55	Allowances Withheld (Acct 158.2)								
36	Balance-Beginning of Year		T	ı					
	Add: Withheld by EPA	+							
	Deduct: Returned by EPA								
39	Cost of Sales								
40	Balance-End of Year								
41									
42	Sales:								
43	Net Sales Proceeds (Assoc. Co.)								
44	Net Sales Proceeds (Other)								
45	Gains								
46	Losses	1							

Name of Respon	dent		This Report Is: (1) XAn Ori	ninal	Date of Report (Mo, Da, Yr)	Year/Period of R	eport
Duke Energy Ca	rolinas, LLC			ubmission	04/12/2018	End of201	7/Q4
		Allov	vances (Accounts	158.1 and 158.2) (C	Continued)		
43-46 the net si 7. Report on Li company" unde 8. Report on Li 9. Report the n	ales proceeds an nes 8-14 the nan or "Definitions" in nes 22 - 27 the n et costs and ben	s returned by the d gains/losses re nes of vendors/te the Uniform Sys ame of purchase efits of hedging	EEPA. Report of esulting from the ransferors of allottem of Accounts ers/ transferees transactions on a	n Line 39 the EPA's EPA's sale or aucowances acquire and ). of allowances disposa separate line und	s sales of the withheld allowed ition of the withheld allowed identify associated colorsed of an identify associate purchases/transfers a om allowance sales.	vances. mpanies (See "asso	
20	240	<u> </u>	2020	Future Ve		Tatala	1
No.	019 Amt.	No.	2020 Amt.	Future Ye	Amt. No	Totals o. Amt.	Line No.
(f)	(g)	(h)	(i)	(j)	(k) (l	, , ,	2.770
						57,063.00	9,779 1
							3
						1,043.00	4
							5
							7
							8
							9
							11
							12
							13
							14 15
							16
							17
						20,887.00	-30 18 19
	I					1,214.00	20
				<b>!</b>			21
						5,500.00	4,530 22
							23
							25
							26
						5,500.00	27 4,530 28
							5,279 29
							30
							31
						27	1,000 33
							6,470 34
							35
							36
							37
							38
							39 40
							41
							42
							43
							44
							46
1	1						
						l	

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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

#### Schedule Page: 229 Line No.: 18 Column: c

Pg 228b Line No. 18 Column c

Does not include the \$13,635,107 for renewable energy credits consumption expense represented in account 0509213.

Schedule Page: 229 Line No.: 22 Column: a

Pg 228b Line No. 22 Column a

Counterparty	Quantity	COGS	Gain on Sale
Monongahela Power Company	500	\$0	\$3,500
American Electric Cooperative	1,500	\$0	\$7 <b>,</b> 500
Associated Electric Cooperative	2,000	\$0	\$5 <b>,</b> 000
Koch Supply & Trading	500	\$1,510	\$73 <b>,</b> 490
Fathom Energy LLC	1,000	\$3,020	\$176,980
31	5,500	\$4,530	\$266,470

## Schedule Page: 229 Line No.: 29 Pg 228b Line No. 29 Column c Column: c

Does not include the \$38,260,073 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 2017/Q4	
Duk	e Energy Carolinas, LLC	(2) A Resubi	04/12/2018		LIIU UI		
		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	Losses Recognised During Year		OFF DUR	ING YEAR	Balance at
	Commission Authorization to use Acc 182.1 and period of amortization (mo, yr to mo, yr).]	of Loss		Account Charged		ount	End of Year
	(a)	(b)	(c)	(d)	(	e)	(f)
1							
2							
3							
4 5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20	TOTAL						

	e of Respondent	This Report Is: (1) X An Origin	nal	Date of Rep (Mo, Da, Yr)		Year/Period of Report		
Duke Energy Carolinas, LLC		(2) A Resub	mission	04/12/2018	End	End of2017/Q4		
UNRECOVERED PLANT AND REGULATORY STUDY COSTS (182.2)								
Line	Description of Unrecovered Plant	Total	Costs	WRITTEN	WRITTEN OFF DURING YEAR			
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 Amount of Charges	Costs Recognised During Year	Account Charged	Amount	Balance at End of Year		
	(a)	(b)	(c)	(d)	(e)	(f)		
21								
22								
23								
24								
25								
26 27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39 40								
41						+		
42								
43								
44								
45								
46								
47								
48								
49	TOTAL							

Name	e of Respondent	This Report Is:			Date of Report  (Mo. Da. Vr.)  Year/Period of Report				
Duke Energy Carolinas, LLC			(1) X An Original (2) A Resubmission		(Mo, Da, Yr) 04/12/2018		End of 2017/Q4		
	Transmis	` ′ 🗀	ion Service and Generation Interconr						
·									
	1. Report the particulars (details) called for concerning the costs incurred and the reimbursements received for performing transmission service and generator interconnection studies.								
	t each study separately.								
	column (a) provide the name of the study.								
	column (b) report the cost incurred to perform the s			period.					
	column (c) report the account charged with the cos column (d) report the amounts received for reimbur			ly costs at	t end of ne	rind			
	column (e) report the account credited with the rein			•					
Line	., .	Reimbursements							
No.	Description	Cosis	Period		Account	Charged	Received D the Perio	uring od	Account Credited With Reimbursement
	(a)		(b)			(c)	(d)		(e)
1	Transmission Studies								
2	State Studies			18,520	0561600				
3	NCEMC Frame Relay Upgrade			939	0561600				
4	CPLW - DUK - SIS			653	0561600				
5	TVA - DUK - SIS			415	0561600				
6	Southern Company - SIS 185MW			415	0561600				
7	DEC - Newberry Solar - SIS				0561600				
8	Southern Company - SIS 154MV				0561600				
9	TVA - DUK - FAC		(		0561600				
10	TWO DOR THE			201)	0301000				
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21	Generation Studies								
22	State Studies		(	89,430)	0561700				
23									
	Reidsville - FEA			22.217	0561700				
	Angus - SIS				0561700				
	Hereford - SIS				0561700				
	CHP - Duke University - FAC				0561700				
	Core Solar - FEA				0561700				
	Simmental Holdings - SIS				0561700				
	Core Solar - SIS	-			0561700				
	Lancaster - SIS				0561700				
	Phoenix - SIS				0561700				
-	Birdseye Angus - FAC				0561700				
34	Birdseye Hereford - FAC			762	0561700				
35	NTE Reidsville - FAC			1,174	0561700				
36	Birdseye Simmental - FAC			872	0561700				
37	Clemson - SIS			835	0561700				
38	Core Solar - FAC			1,790	0561700				
39	Stanly Solar - SIS				0561700				
	Fresh Air Energy Jonesville - SIS				0561700				
-	<u> </u>				3001100				

Name	e of Respondent	This Report Is: (1) [X] An Original	Date of	Date of Report (Mo, Da, Yr) Year/Period of Report 2017/Q4			
Duke Energy Carolinas, LLC		(1) ⊠ An Original (2)  A Resubmissio			End of 2017/Q4		
	Transmis	sion Service and Generation	n Interconnection Stu	idy Costs (conti			
Line			T	Reimburse	monte		
No.	Description	Costs Incurred During Period	Assaunt Charged	Received D	Ouring Account Credited		
	Description (a)	(b)	Account Charged (c)	the Peri (d)	od With Reimbursement (e)		
1	Transmission Studies		. ,	, ,			
2							
3							
4							
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9							
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15							
16							
17							
18							
19							
20							
21	Generation Studies			Ļ			
	Fresh Air Energy Ft. Lawn - SIS		0561700				
	New Town - SIS		0561700				
			0561700				
	Fresh Air Energy Jonesville - FEA		0561700				
	Fresh Air Energy Ft. Lawn - FEA		0561700				
-	New Town - FEA		0561700				
28	Mill Creek - FEA		0561700				
29	Iron Works - FEA		0561700				
	Pttsburg - FEA Richfield - FEA		0561700				
			0561700				
	Bradley Ecoplexus - FEA		0561700				
	Roughedge Ecoplexus - FEA  Kannapolis Ecoplexus - FEA		0561700				
			0561700				
	·		0561700				
36 37	Clemson CHP - FEA		0561700 0561700	+			
	Buck - CC - FEA		0561700				
39			0561700	+			
40	2.10011 01 1710	474	0301700	+			
-70				+			

Name of Respondent  Duke Energy Carolinas, LLC		This Report Is: (1) X An Original (2) A Resubmission	on	Date of Report (Mo, Da, Yr) 04/12/2018	Year/Period of Report End of 2017/Q4	
	0.	THER REGULATORY AS				
2. Mi group	eport below the particulars (details) called for nor items (5% of the Balance in Account 182 ped by classes. Ir Regulatory Assets being amortized, show p	concerning other regul .3 at end of period, or a	atory assets, in	cluding rate order		
Line	Description and Purpose of	Balance at	Debits	CREI		Balance at end of
No.	Other Regulatory Assets	Beginning of		Written off During the Quarter/Year	Written off During the Period	Current Quarter/Year
	•	Current Quarter/Year		Account Charged	Amount	
	(a)	(b)	(c)	(d)	(e)	(f)
1	Regulatory Asset Related to Income Taxes (Various)	871,261,236	. ,	5 283/282	488,021,666	455,457,126
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	9,250,303	457,022,429	Various	466,272,732	
6		,,,,,,,	,		,	
7	Vacation Accrual					
8	NCUC Docket No. E-7, Sub 774	76,029,245	6,998,74	5 242		83,027,990
9	1000 Booket (10. E 1, oub 114	10,020,240	0,000,740	242		00,021,000
10	Extraordinary Repairs - Thorpe Rewind					
	Amortized over 25 years					
11		505 700		F45/407	242.000	200 574
12	NCUC Docket No. E-13, Sub 166	585,783		545/407	316,209	269,574
13	D. I. I. IDO O. II. 404 A. ID I. II.			400		4.050.074
14	Retail portion - IRS Section 124 Asset Depreciation	1,926,951		403	75,977	1,850,974
15						
16	Energy Efficiency Cost Recovery - NC					
17	NCUC Dockets No. E-7 Sub 1050	80,508,293	183,407,222	2 456	112,507,224	151,408,291
18						
19	Renewable Energy and Energy Portfolio					
20	Standard Cost Deferral					
21	NCUC Docket No. E-7, Sub 1052	4,482,011	5,917,582	2 Various	7,708,657	2,690,936
22						
23	Cliffside Deferral 5 Year Amortization					
24	NCUC Docket No. E-7 Sub 1026					
25	PSC Docket No. 2013-59-E	57,624	633,454	4 407	691,078	
26						
27	Pension Non-Qualified					
28	NCUC Docket No. E-100, Sub 112	5,139,194		Various	654,783	4,484,411
29						
30	Pension Qualified					
31	NCUC Docket No. E-100, Sub 112	476,399,937	8,393,556	Various	79,412,835	405,380,658
32	Settlement Agreement					
33						
34	Interest Rate Swap					
35	NCUC Docket E-7 Sub 1026					
36	PSC Docket 2013-59-E	93,298,364	9,913,35	3 431	28,198,569	75,013,148
37						
38	Deferred VOP Expenses					
39	NCUC Docket E-7 Sub 989 - 5 Year Amortization					
40	PSC Order 2012-77 - 3 Year Amortization	1,026,416		407	1,026,416	
41		1,020,110			.,020,110	
42	Natural Gas Hedging - MTM					
43	NCUC Docket E-2 Sub 939					
+3						
44	TOTAL	3,019,657,037	1,755,522,992		2,015,081,340	2,760,098,689
-						

	e of Respondent e Energy Carolinas, LLC	(1)	Report Is: ☑An Original ☑A Resubmissio	n	Date of Report (Mo, Da, Yr) 04/12/2018	Year/Per End of	iod of Report 2017/Q4
		(2)	REGULATORY AS				
2. M grou	eport below the particulars (details) called for inor items (5% of the Balance in Account 182 ped by classes.  by Regulatory Assets being amortized, show p	conce .3 at e	rning other regul nd of period, or a	atory assets,	including rate orde		
0	r regulatory recote being amortized, snow p	onou .	or amortization.				
Line No.	Description and Purpose of Other Regulatory Assets		Balance at Beginning of Current	Debits	Written off During the Quarter/Year	the Period	Balance at end of Current Quarter/Year
	(a)		Quarter/Year (b)	(c)	Account Charged (d)	Amount (e)	(f)
1			(5)	(0)	(4)	(6)	(1)
2	NCUC Docket E-7 Sub 862						
3	NCUC Docket E-7 Sub 1006						
4	PSC Docket 2015-95-E		22,100	32,103	441 245	22,807,340	9,318,201
5							
6	Pension Deferred Costs						
7	NCUC Docket E-7 Sub 989 - 5 Year Amortization						
8	PSC Order 2012-77 - 3 Year Amortization		232,414		407	232,414	
9							
10	Buck and Bridgewater Deferred Costs						
11	25 Year Amortization						
12	NCUC Docket E-7 Sub 999						
13	PSC Docket 2012-57-E		13,031,213	10,386	748 Various	17,886,872	5,531,089
14							
15	Save-A-Watt Program Deferrals - SC						
16	PSC Docket 2011-420-E		41,848,207	46,305	727 456	29,837,864	58,316,070
17							
18	Dan River & Cliffside 6 Deferred Costs						
19	Dan River - 39 Year Amortization - SC						
20	Dan River - 4 year Amortization - NC						
21	Cliffside 6 - 35 Year Amortization - SC						
22	Cliffside 6 - 4 year Amortization - NC						
23	PSC Docket 2013-99-E						
24	NCUC Docket E-7 Sub 1029		52,404,808	23,504	069 Various	50,277,763	25,631,114
25							
26	McGuire and Oconee Deferred Costs						
27	McGuire - 43 Year Amortization - SC						
28	McGuire - 4 Year Amortization - NC						
29	Oconee - 28 Year Amortization - SC						
30	PSC Docket: 2013-99-E						
31	NCUC Docket E-7 Sub 1029		4,270,218	625	044 Various	1,015,104	3,880,158
32							
33	Fukushima Cybersecurity Def- SC						
34	4 Year Amortization						
35	PSC Order 2013-59-E		123,158	20	916 Various	136,728	7,346
36							
37	Nuclear Levelization						
38	18 -24 Months Amortization						
39	NCUC Docket E-7 Sub 1026						
40	PSC Docket 2013-59-E		91,587,765	273,398	025 Various	281,409,930	83,575,860
41							
42	Billing System Deferral						
43	NCUC Docket E-7 Sub 1026		656,028				656,028
44	TOTAL		3,019,657,037	1,755,522,9	92	2,015,081,340	2,760,098,689

	e of Respondent e Energy Carolinas, LLC	This Report Is: (1) X An Original (2) A Resubmission	on	Date of Report (Mo, Da, Yr) 04/12/2018	Year/Per End of	iod of Report 2017/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 end of period, or a				
Lina	Description and Dumass of	Balance at	Dahita	CRED	NITE	Deleveredes
Line No.	Description and Purpose of Other Regulatory Assets	Beginning of Current	Debits	Written off During the Quarter/Year	Written off During the Period	Balance at end of Current Quarter/Year
		Quarter/Year		Account Charged	Amount	
	(a)	(b)	(c)	(d)	(e)	(f)
1	Rate Case Costs					
3	NCUC Docket No. E-7 Sub 909					
4	PSC Docket No. 2009-226-E					
5	NCUC Docket E-7 Sub 989					
6	PSC Docket No. 2011-271-E, Order No. 2012-77	3,123,427		928	488,078	2,635,349
7	1 30 Docket No. 2011-271-L, Older No. 2012-77	3,123,421		920	400,070	2,000,049
8	Coal Ash Basin - ARO Deferral					
9	NC Coal Ash Management Act of 2014					
10	Consent Agreement with SCDHEC	1,072,340,527	210,834,311	Various	280,849,081	1,002,325,757
11	CONSORT GROOMS WALL COSTIS	1,072,010,021	210,001,011	various	200,010,001	1,002,020,101
12	Coal Ash Remediation Costs					
13	PSC Docket No. 2016-196-E	101,991,131	223,796,447	Various	127,565,702	198,221,876
14	100 00000110. 2010 100 0	101,001,101	220,100,111	Various	121,000,102	100,221,010
15	Deferred Fuel					
16	PSCSC Docket 2014-3-E		42.033.735	5 254/407	6,206,158	35,827,577
17			,,		2,223,123	
18	Deferred Fuel					
19	NCUC Docket E-7 Sub 1033		104,749,280	254/407		104,749,280
20			. , ., .,			. , ., .,
21	NCUC Regulatory Fee					
22		1,620,363	1,003,730	Various		2,624,093
23	,	, ,	, ,			, ,
24	SC Distributed Energy Resource Program					
25	PSC Docket No. 2015-3-E	10,452,961	30,843,678	Various	5,320,562	35,976,077
26						
27	Rotable Fleet Spare					
28	NCUC Docket E-2, Sub 998A					
29	NCUC Docket E-7, Sub 986A					
30	PSC Docket 2015-293-E	2,867,186	645,665	403	1,548,845	1,964,006
31						
32	Advanced Metering Infrastructure					
33	PSC Docket No. 2016-240-E	3,120,174	10,768,279	421	4,612,753	9,275,700
34						
35	Other Deferred Costs					
36						
37						
38						
39						
40						
41						
42						
43						
				<u> </u>		
44	TOTAL	3,019,657,037	1,755,522,992		2,015,081,340	2,760,098,689
		3,010,007,007	.,. 55,522,552		_,0 . 3,00 1,0 10	_,, 00,000,000

	Name of Respondent  Duke Energy Carolinas, LLC		t Is: n Original Resubmission	Date o (Mo, D 04/12/			Year/Period of Report End of2017/Q4	
		MISCELLANE	OUS DEFFERED DEE	BITS (Account	186)			
2. F	eport below the particulars (details) or any deferred debit being amortize inor item (1% of the Balance at Encles.	ed, show period of ar	nortization in colum	n (a)	000, whichever	is less)	may be grouped by	
Line	Description of Miscellaneous	Balance at	Debits		CREDITS	1	Balance at	
No.	Deferred Debits	Beginning of Year	Debito	Account Charged	Amount		End of Year	
	(a)	(b)	(c)	Charged (d)	(e)		(f)	
1	Demand Side Management	-4,030,470	721,777		8	382,284	-4,190,977	
2	Costs							
3								
5	Deferred Benefit Plan	64,827		253		25,371	39,456	
6	Renewables	-779,605	689,240	Various	1 1	133,858	-1,224,223	
7	Tenewabies	770,000	000,240	Various	1,	100,000	1,224,220	
8	I & D Insurance Receivable	587,016,556	15,289,642	131	17,2	251,637	585,054,561	
9								
10	Deferred Coal Ash Remediation							
11 12	Costs	362,165,755	237,829,351	Various	155,4	159,868	444,535,238	
13	Catawba-Wateree Relicensing							
14	Future Liabilities	8,098,911		107, 253	8.0	98,911		
15				,	-,-	, .		
16	Meter Retirement Costs		29,300,495				29,300,495	
17								
18	Equity Return on BPM Sharing							
19	Rec	1,315,669	286,697	421		595,914	1,006,452	
20 21	Pension/OPEB - Post Retirement	-109,338	320,500				211,162	
22	T ension/Of EB -1 Ost Retirement	-109,330	320,300				211,102	
23	Combustion Turbine Generator							
24	Deferral	19,248,000		131	5,0	021,973	14,226,027	
25								
26	Retired Plant Cost	39,072,372		403	9,7	767,220	29,305,152	
27	Pooled Inventory	4,534,508					4,534,508	
29	Pooled inventory	4,334,300					4,554,500	
30	Cost of Removal Retail Rate							
31	Mitigation	102,794,000					102,794,000	
32								
33	Miscellaneous	-29,354	47,076,872	Various	47,0	047,876	-358	
34								
35 36								
37								
38								
39								
40								
41								
42 43								
44								
45								
46								
47	Misc. Work in Progress	643,348					340,195	
48	Deferred Regulatory Comm. Expenses (See pages 350 - 351)	11,010	2,783,817				2,794,827	
49	TOTAL	1,120,016,189					1,208,726,515	
		1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					.,_55,, 25,510	

ame of Respondent Duke Energy Carolinas, LLC		This I (1) (2)	Report Is: An Original	Date of Report (Mo, Da, Yr) 04/12/2018	Year/Period of Report End of 2017/Q4	
			A Resubmission ED DEFERRED INCOME TA			
Report the information called fo						
At Other (Specify), include defe				y for deferred income taxes		
	ption and Locat	ion		Balance of Begining of Year	Balance at End	
0.	(a)			(b)	of Year (c)	
1 Electric						
2						
3						
4						
5						
6						
7 Other				2,430,375		
8 TOTAL Electric (Enter Total of li	nes 2 thru 7)			2,430,375	5,077 2,228,934,720	
9 Gas						
10 11						
12						
13						
14						
15 Other						
16 TOTAL Gas (Enter Total of lines	10 thru 15					
17 Other (Specify)				290,181	,179 263,367,548	
18 TOTAL (Acct 190) (Total of lines	8, 16 and 17)			2,720,556	5,256 <b>2,492,302,268</b>	

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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

Schedule Page: 234 L	.ine No.: 17	Column: a
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Primarily relates to deferred taxes on deferral of tax credits and tax credit grossups.

#### Schedule Page: 234 Line No.: 18 Column: c

The ending balance reflects the following impacts of the Tax Cuts and Jobs Act:

- (a) 934,472,872 Decrease due to the estimated remeasurement of the existing deferred tax assets to reflect the reduction in the federal corporate tax rate from 35 percent to 21 percent.
- (b) 739,892,043 Increase due to the gross up recorded on estimated net excess deferred federal income taxes. The estimated net excess deferred federal income taxes resulted from the remeasurement of existing net deferred tax liabilities to reflect the reduction in the federal corporate tax rate from 35 percent to 21 percent.

Name of Respondent  Duke Energy Carolinas, LLC		This Report Is: (1) X An Original			Date of Report Yea (Mo, Da, Yr) End			of 2017/Q4		
		(2) APITAL S	A Resubmission			2018				
serie: requi comp	Report below the particulars (details) called for concerning common and preferred stock at end of year, distinguishing separate eries of any general class. Show separate totals for common and preferred stock. If information to meet the stock exchange reporting equirement outlined in column (a) is available from the SEC 10-K Report Form filing, a specific reference to report form (i.e., year and ompany title) may be reported in column (a) provided the fiscal years for both the 10-K report and this report are compatible.  Entries in column (b) should represent the number of shares authorized by the articles of incorporation as amended to end of year.									
Line No.	Class and Series of Stock a Name of Stock Series	ınd		Number o		Par or Sta Value per sl		Call Price at End of Year		
	(a)			(b)	)	(c)		(d)		
1										
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6 7										
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38 39										
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42										

Name of Respondent		This Report Is:		Date of Report (Mo, Da, Yr)	Year/Period of Repor	
Duke Energy Carolinas, LLC		(2) A Resubm	(1) X An Original (2) A Resubmission		End of 2017/Q4	
		CAPITAL STOCKS (Ad	ccount 201 and 20	04) (Continued)		
which have not yet be 4. The identification on-cumulative. 5. State in a footnote Give particulars (deta	letails) concerning share een issued. of each class of preferred if any capital stock which ils) in column (a) of any ome 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 nding 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)	
						1
						2
						3
						4
						5
						6
						7
						8
						9
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						42

	e or Respondent Energy Carolinas, LLC	(1) X An Original (Mo, Da, Yr)			End of2017/Q4				
		(2) <del>JER P</del>	AID-IN CAPITAL (Accounts 208	04/12/2018					
2000	OTHER PAID-IN CAPITAL (Accounts 208-211, inc.)  port below the balance at the end of the year and the information specified below for the respective other paid-in capital accounts. Provide a								
subhe colum chanç	be believed to be stated of the year and the minimater specified solow for the respective office paid in expiral accounts. From a subheading for each account and show a total for the account, as well as total of all accounts for reconciliation with balance sheet, Page 112. Add more polymens for any account if deemed necessary. Explain changes made in any account during the year and give the accounting entries effecting such hange.  a) Donations Received from Stockholders (Account 208)-State amount and give brief explanation of the origin and purpose of each donation.								
b) Re	eduction in Par or Stated value of Capital Stock (A	ccount	209): State amount and give be	rief explanation of the capit					
	nounts reported under this caption including identification with the class and series of stock to which related. ) Gain on Resale or Cancellation of Reacquired Capital Stock (Account 210): Report balance at beginning of year, credits, debits, and balance at end								
	year with a designation of the nature of each credit and debit identified by the class and series of stock to which related.								
	Miscellaneous Paid-in Capital (Account 211)-Classify amounts included in this account according to captions which, together with brief explanations, close the general nature of the transactions which gave rise to the reported amounts.								
			·		Amount				
ine No.	(	em a)			(b)				
	Account 208								
3	None								
4									
5									
6	Account 209								
7 8	None								
9									
10									
11									
	Account 210								
13 14	None								
15									
16									
17	Account 211								
18	Balance January 1, 2017				3,725,067,453				
19									
20 21									
22	Equitization of Intercompany Receivables								
23	' '								
24									
25									
26 27	Common Stock								
28									
29									
30	Equity Infusion from Duke Energy Corporation								
31									
32									
33	Other Misc Paid-In Capital								
35									
36									
37									
38									
39									
40	TOTAL				3,725,067,453				
	- <del>-</del>				3,720,007,400				

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) 04/12/2018	End of2017/Q4					
		CAPITAL STOCK EXPENSE (Account							
4 D									
	1. Report the balance at end of the year of discount on capital stock for each class and series of capital stock.								
	2. If any change occurred during the year in the balance in respect to any class or series of stock, attach a statement giving particulars (details) of the change. State the reason for any charge-off of capital stock expense and specify the account charged.								
(ueta	details) of the change. State the reason for any charge-on of capital stock expense and specify the account charged.								
Line	Class a	nd Series of Stock		Balance at End of Year					
No.		(a)		(b)					
1									
2									
3									
4									
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20									
21									
22	TOTAL		·						

Duke Empty Carolinas, LLC		e of Respondent	This (1)	Report I:	s: Original	Date of Report (Mo, Da, Yr)		ear/Period of Report 2017/Q4		
1. Report by balance sheet account the particulars (details) concerning long-term debt included in Accounts 221, Bonds, 222, Resecutived Bonds, 223, Advances from Associated Companies, and 224, Other long-Term Debt. 2. In column (a), for new issues, give Commission authorization numbers and dates. 3. For bonds assumed by the respondent, included in column (a) the name of the issuing company as well as a description of the bonds. 4. For advances from Associated Companies, report separately advances on notes and advances on open accounts. Designate demand notes as such. Include in column (a) the name of the court -and date of court order under which such certificates were issued. 5. For occeivers, certificates, show in column (a) the name of the court -and date of court order under which such certificates were issued. 6. In column (b) show the principal amount of bonds or other long-term debt originally issued. 8. For column (c) the total expenses should be listed first for each issuance, then the amount of premium (in parenthresse) or discount indicate the premium or discount with a notition, such as (P) or (D). The expenses, premium or discount should not be netted. 9. Furnish in a footnote particulars (details) regarding the treatment of unamortized debt expense, premium or discount associated with issues referenced during the year. Also, give in a footnote the date of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.  Line (For new issue, give commission Authorization numbers and dates) of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.  1. Account 221: 1. Account 221: 2. Class and Series of Obligation, Coupon Rate (For new issue, give commission Authorization numbers and dates) of the Commission of Testiment other than as a substraction of the state of the Commission of the Commission of the Commission of the Commission of the Commission of the Commission of the Commission of the Commission of the Comm	Duke		(2)	☐A R	esubmission	04/12/2018		LIIU 01		
Reacquired Bonds, 223, Advances from Associated Companies, and 224, Other long-Term Debt. 2. In column (a), for new issues, give Commission authorization numbers and dates. 3. For bonds assumed by the respondent, include in column (a) the name of the issuing company as well as a description of the bonds. 4. For advances from Associated Companies, report separately advances on notes and advances on open accounts. Designate demand notes as such. Include in column (a) names of associated companies from which advances were received. 5. For receivers, certificates, show in column (a) the name of the court and date of court order under which such certificates were issued. 6. In column (b) show the principal amount of bonds or other long-term debt originally issued. 7. In column (c) show the expense, premium or discount with respect to the amount of bonds or other long-term debt originally issued. 8. For column (c) the total expenses should be listed first for each issuance, then the amount of premium (in parentheses) or discount. Indicate the premium or discount with a notation, such as (P) or (D). The expenses, premium or discount associated with issues redeemed during the year. Also, give in a bosinote the date of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.    In column (c)   Colum						· · · · · · · · · · · · · · · · · · ·				
7. In column (c) show the expense, premium or discount with respect to the amount of promium (in parentheses) or discount, indicate the premium or discount with a notation, such as (P) or (D). The expenses, premium or discount with a notation, such as (P) or (D). The expenses, premium or discount should not be netted.  9. Furmish in a footnote particulars (details) regarding the treatment of unamortized deth expense, premium or discount should not be netted.  9. Furmish in a footnote particulars (details) regarding the treatment of unamortized deth expense, premium or discount should not be netted.  9. Furmish in a footnote particulars (details) regarding the treatment of unamortized deth expense, premium or discount sacciated with issues redeemed during the year. Also, give in a footnote the date of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.    Uniform System of Accounts   Principal Amount   Of Detail Issued   React 2. In 3. For 4. For demains 5. For issue	Reacquired Bonds, 223, Advances from Associated Companies, and 224, Other long-Term Debt.  2. In column (a), for new issues, give Commission authorization numbers and dates.  3. For bonds assumed by the respondent, include in column (a) the name of the issuing company as well as a description of the bonds.  4. For advances from Associated Companies, report separately advances on notes and advances on open accounts. Designate demand notes as such. Include in column (a) names of associated companies from which advances were received.  5. For receivers, certificates, show in column (a) the name of the court -and date of court order under which such certificates were issued.									
No. (For new issue, give commission Authorization numbers and dates) (c) (d) (e) (for new issue, give commission Authorization numbers and dates) (d) (e) (for new issue, give commission Authorization numbers and dates) (e) (for new issue, give commission Authorization numbers and dates) (for new issue, give commission Authorization numbers and dates) (for new issue, give commission Authorization numbers and dates) (for new issue, give commission Authorization numbers and dates) (for new issue, give commission Authorization numbers and dates) (for new issue, give commission Authorization numbers and dates) (for new issue, give commission Authorization numbers and dates) (for new issue, give commission numbers an	7. In 8. Fo Indica 9. Fu issue speci	column (c) show the expense, premium or column (c) the total expenses should be list ate 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.	liscour sted fir such a ding the footno	nt with rest for eas (P) one treat	respect to the amount ach issuance, then the r (D). The expenses, ment of unamortized date of the Commission	of bonds or other long- e amount of premium (i premium or discount si debt expense, premium on's authorization of tre	in pare hould i n or dis atmen	entheses) or discount. not be netted. scount associated with t other than as		
Account 221:		_				· · · · · · · · · · · · · · · · · · ·		Premium or Discount		
2		, ,				(b)		(c)		
3 First and Refunding Mortgage Bonds: 4		Account 221:								
4 5 6.00% Series 300,000,000 57,500 C 3,696,000 D 7 8 8.95% Series 15,994,025 21,967 C 9 10 3,75% First Mortgage Bonds 500,000,000 4,447,400 C 11		First and Defunding Mortgage Bonds:								
5       6.00% Series       300,000,000       57,500         6       3,696,000 D       1         7       8       8,95% Series       15,994,025       21,967         9       3       7       10       3,75% First Mortgage Bonds       500,000,000       4,447,400       4,170,000 D       12         10       3,55% Senior Unsecured Notes       350,000,000       2,541,747       2,161,255 D       12       12       14       14       14       14       14       15,000 D       12,387,692       12       195,000 D       1,387,692       17       195,000 D       1,387,692       195,000 D       1,376,500 D       1,765,000 D       1,765,000 D       1,7765,000 D       1,7765,000 D       1,7765,000 D       2,21       1,7765,000 D       3,817,772       23       65,000 D       3,817,772       23       65,000 D       3,205,303       26       1,452,000 D       2,297,525       29       1,360,000 D       3,205,303       26       1,452,000 D       2,097,525       29       1,360,000 D       3,000 D	-	That and retaining wortgage bonds.								
8 8.95% Series 15,994,025 21,967 9 10 3.75% First Mortgage Bonds 500,000,000 4,447,400 11	$\vdash$	6.00% Series				300,00	0,000	57,500		
8 8.95% Series 15,994,025 21,967 9	6							3,696,000 D		
9   10   3.75% First Mortgage Bonds   500,000,000   4,447,400   11   4,170,000 D   12   13   6,45% Senior Unsecured Notes   350,000,000   2,541,747   14   2,161,255 D   15   16   2.5% First Mortgage Bonds   500,000,000   2,387,692   17   195,000 D   18   193,875% First Mortgage Bonds   500,000,000   4,137,692   20   1,765,000 D   21   22   6.1% Senior Unsecured Notes   500,000,000   3,817,772   23   65,000 D   24   25   2,95% First Mortgage Bonds   600,000,000   3,205,303   26   1,452,000 D   27   28   5.25% First Mortgage Bonds   400,000,000   2,097,525   29   1,360,000 D   30   30   31   6.00% First Mortgage Bonds   500,000,000   4,109,714   32   350,000 D   3,000,000   3,000,000   3,000,000   3,000,000   3,000,000   3,000,000   3,000,000   3,000,000   3,000,00	7									
10   3.75% First Mortgage Bonds   500,000,000   4,447,400   11   4,170,000   D     12	8	8.95% Series				15,99	4,025	21,967		
11										
12	-	3.75% First Mortgage Bonds				500,00	0,000			
13 6.45% Senior Unsecured Notes 350,000,000 2,541,747  14 2,161,255 D  15 2.5% First Mortgage Bonds 500,000,000 2,387,692  17 195,000 D  18 199 3.875% First Mortgage Bonds 500,000,000 4,137,692  20 20 1,765,000 D  21 22 6.1% Senior Unsecured Notes 500,000,000 3,817,772  23 65,000 D  24 25 2,95% First Mortgage Bonds 600,000,000 3,205,303  26 27 28 5.25% First Mortgage Bonds 400,000,000 2,097,525  29 1,360,000 D  30 31 6.00% First Mortgage Bonds 500,000,000 4,109,714  32 350,000 D								4,170,000 D		
14       2,161,255 D         15       5         16       2.5% First Mortgage Bonds       500,000,000       2,387,692         17       195,000 D         18       500,000,000       4,137,692         20       1,765,000 D         21       500,000,000       3,817,772         22       6.1% Senior Unsecured Notes       500,000,000       3,817,772         23       65,000 D         24       65,000 D         25       2.95% First Mortgage Bonds       600,000,000       3,205,303         26       1,452,000 D         27       28       5.25% First Mortgage Bonds       400,000,000       2,097,525         29       1,360,000 D         30       31       6.00% First Mortgage Bonds       500,000,000       4,109,714         32       350,000 D	-	0.45% Opping the approach Nation				050.00	20.000	0.544.747		
15       16       2.5% First Mortgage Bonds       500,000,000       2,387,692         17       195,000 D       195,000 D         18       500,000,000       4,137,692         20       1,765,000 D       1,765,000 D         21       500,000,000       3,817,772         23       65,000 D       65,000 D         24       4       4         25       2.95% First Mortgage Bonds       600,000,000       3,205,303         26       1,452,000 D         27       28       5.25% First Mortgage Bonds       400,000,000       2,097,525         29       1,360,000 D         30       31       6.00% First Mortgage Bonds       500,000,000       4,109,714         32       350,000 D		6.45% Senior Unsecured Notes				350,00	10,000			
16       2.5% First Mortgage Bonds       500,000,000       2,387,692         17       195,000 D         18       500,000,000       4,137,692         20       1,765,000 D         21       500,000,000       3,817,772         22       6,1% Senior Unsecured Notes       500,000,000       3,817,772         23       65,000 D         24       65,000 D         25       2,95% First Mortgage Bonds       600,000,000       3,205,303         26       1,452,000 D         27       28       5,25% First Mortgage Bonds       400,000,000       2,097,525         29       1,360,000 D         30       30       30         31       6,00% First Mortgage Bonds       500,000,000       4,109,714         32       350,000 D								2,101,233 D		
17		2.5% First Mortgage Bonds				500.00	000	2 387 692		
18       19 3.875% First Mortgage Bonds       500,000,000       4,137,692         20       1,765,000 D         21       22 6.1% Senior Unsecured Notes       500,000,000       3,817,772         23       65,000 D         24       65,000 D         25 2.95% First Mortgage Bonds       600,000,000       3,205,303         26       1,452,000 D         27       28 5.25% First Mortgage Bonds       400,000,000       2,097,525         29       1,360,000 D         30       31 6.00% First Mortgage Bonds       500,000,000       4,109,714         32       350,000 D		2.0 % Filet Mertgage Bende				000,00	-0,000	<u> </u>		
20	-							,		
21       22       6.1% Senior Unsecured Notes       500,000,000       3,817,772         23       65,000 D         24       65,000 D         25       2.95% First Mortgage Bonds       600,000,000       3,205,303         26       1,452,000 D         27       28       5.25% First Mortgage Bonds       400,000,000       2,097,525         29       1,360,000 D         30       1,360,000 D         31       6.00% First Mortgage Bonds       500,000,000       4,109,714         32       350,000 D	19	3.875% First Mortgage Bonds				500,00	0,000	4,137,692		
22       6.1% Senior Unsecured Notes       500,000,000       3,817,772         23       65,000 D         24       65,000 D         25       2.95% First Mortgage Bonds       600,000,000       3,205,303         26       1,452,000 D         27       28       5.25% First Mortgage Bonds       400,000,000       2,097,525         29       1,360,000 D         30       31       6.00% First Mortgage Bonds       500,000,000       4,109,714         32       350,000 D	20							1,765,000 D		
23	21									
24         25       2.95% First Mortgage Bonds       600,000,000       3,205,303         26       1,452,000 D         27       28       5.25% First Mortgage Bonds       400,000,000       2,097,525         29       1,360,000 D         30       500,000,000       4,109,714         32       350,000 D		6.1% Senior Unsecured Notes				500,00	00,000			
25       2.95% First Mortgage Bonds       600,000,000       3,205,303         26       1,452,000 D         27       28       5.25% First Mortgage Bonds       400,000,000       2,097,525         29       1,360,000 D         30       500,000,000       4,109,714         32       350,000 D								65,000 D		
26	-	O OFOV First Markes as Davids				000.00	20.000	0.005.000		
27         28 5.25% First Mortgage Bonds       400,000,000       2,097,525         29       1,360,000 D         30       500,000,000       4,109,714         32       350,000 D	-	2.95% First Mortgage Bonds				600,00	0,000			
28       5.25% First Mortgage Bonds       400,000,000       2,097,525         29       1,360,000 D         30       500,000,000       4,109,714         32       350,000 D	-							1,452,000 D		
29	-	5 25% First Mortgage Bonds				400.00	000	2 097 525		
30   31   6.00% First Mortgage Bonds   500,000,000   4,109,714   32   350,000 D	-	C.20 /V T Hot Morigage Derial				100,00	-0,000			
32 350,000 D								,,		
	31	6.00% First Mortgage Bonds				500,00	0,000	4,109,714		
33 TOTAL 10,236,306,557 103,867,610	32							350,000 D		
33 TOTAL 10,236,306,557 103,867,610										
	33	TOTAL				10,236,30	)6,557	103,867,610		

	e of Respondent	This I	Report Is: [X]An Original		Date of Report (Mo, Da, Yr)		ear/Period of Report 2017/Q4
Duke	Energy Carolinas, LLC	(2)	A Resubmission		04/12/2018		and of 2017/Q4
			ERM DEBT (Account 22		· · · · · · · · · · · · · · · · · · ·		
Read 2. In 3. Fo 4. Fo dema 5. Fo issue 6. In 7. In	column (b) show the principal amount of bor column (c) show the expense, premium or d	ed Color author in color sense of the na	mpanies, and 224, Ot orization numbers and alumn (a) the name of eparately advances or associated companieme of the court -and other long-term debt at with respect to the a	her long- d dates. the issuin notes a es from with date of co originally	Term Debt.  ng company as well as nd advances on open which advances were report order under which issued.  of bonds or other long-t	s a de accou eceive such	scription of the bonds. unts. Designate ed. certificates were
Indica 9. Fu issue	or column (c) the total expenses should be list ate the premium or discount with a notation, urnish in a footnote particulars (details) regarst redeemed during the year. Also, give in a lified by the Uniform System of Accounts.	such a ding th	as (P) or (D). The exp ne treatment of unamo	enses, p ortized de	remium or discount sh ebt expense, premium	ould i	not be netted. scount associated with
Line	Class and Series of Obligat				Principal Amou		Total expense,
No.	(For new issue, give commission Authoria) (a)	orizatio	n numbers and dates)		Of Debt issue (b)	d	Premium or Discount (c)
1							
2	5.10% First Mortgage Bonds				300,000	0,000	1,441,959
3							441,000 D
5	6.05% First Mortgage Bonds				600,000	0.000	4,686,704
6	0.00 % First Worlgage Borids				000,000	3,000	1,650,000 D
7							.,,,,,,,,,
8	7.00% First Mortgage Bonds				500,000	0,000	2,414,008
9							1,450,000 D
10							
11	5.3% First Mortgage Bonds				750,000	0,000	5,993,147
12							3,202,500 D
13	4 20/ First Mortrogo Pondo				450.000	0.000	2 442 040
14	4.3% First Mortgage Bonds				450,000	3,000	2,112,010 1,057,500 D
16							1,057,500 D
17	3.9% First Mortgage Bonds				500,000	0.00	2,780,050
18	ene /o i meximentgage Demae				333,33	,,,,,,	510,000 D
19							<u>·</u>
20	4.25% First Mortgage Bonds				650,000	0,000	5,297,322
21							1,098,500 D
22							
23	4.00% First Mortgage Bonds				650,000	0,000	5,556,082
24							5,174,000 D
25 26	3.70% First Mortgage Bonds				550,000	0.000	4,624,809
27	3.70 % First Wortgage Borius				330,000	3,000	803,000 D
28							000,000 B
29	Bonds issued through Medium Term Notes Facili	ty:					
30	Accounts 222 and 223:					-	
31							
32	Duke Energy Corporation - 1.664%				300,000	0,000	
33	TOTAL				10,236,30	6,557	103.867.610
					10,200,30	2,307	100,007,010

Name	e of Respondent		Report Is:  X An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report
Duke	Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of
	L	ONG-T	ERM 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. Fo issue	eport by balance sheet account the particular equired Bonds, 223, Advances from Associate column (a), for new issues, give Commission or bonds 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) and column (b) show the principal amount of bor 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) regards redeemed during the year. Also, give in a lifted by the Uniform System of Accounts.	ed Corn auth e in coort se mes of the na mds or liscoursted fir such a ding the corn and the court a	mpanies, and 224, Other long orization numbers and dates lumn (a) the name of the issurparately advances on notes associated companies from me of the court -and date of other long-term debt original nt with respect to the amount st for each issuance, then the is (P) or (D). The expenses, ne treatment 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 long-te amount of premium (ir premium or discount sheet expense, premium	s a description of the bonds. accounts. Designate eceived. such certificates were term debt originally issued. a parentheses) or discount. ould not be netted. or discount associated with
Line	Class and Series of Obligat	ion Co	upon Rate	Principal Amou	unt Total expense,
No.	(For new issue, give commission Authority) (a)			Of Debt issue	
1	(0)			(2)	
2	Account 224:				
3					
4					
5	Pollution Control Bond 1993 - 3.6%			77,000	0,000 3,143,212
7					
8	Pollution Control .79% 1999A			25,000	0,000 250,643
9				20,000	
10	Pollution Control .81% 1999B			10,000	0,000 110,666
11					
	Pollution Control 2006A - 4.375% fixed			71,605	5,000 1,393,412
13	Dellution Control 2000D 4 275% fixed			74.50	7,000
14 15	Pollution Control 2006B - 4.375% fixed			71,595	5,000 1,354,512
16	Pollution Control 2008A - 4.625% fixed			50.000	0,000 1,143,326
17				33,330	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
18	Pollution Control 2008B - 4.625% fixed			50,000	0,000 1,264,318
19					
20	Other Long Term Debt			465,112	2,532 2,876,363
21					
22					
24					
25					
26					
27					
28					
29					
30					
31 32					
J2					
33	TOTAL			10,236,300	6,557 103,867,61

Name of Responding Duke Energy Ca			This Report Is: (1) X An Origin		Date of Report (Mo, Da, Yr)	Year/Period of Report End of 2017/Q4	
- Ballo Ellorgy of	uromido, 220	LON	(2) A Resub		04/12/2018 3 and 224) (Continued)		
10 Identify so	parato undispos	sed amounts applic			, , , , , , , , , , , , , , , , , , , ,		
11. Explain ar on Debt - Cred 12. In a footnot advances, sho during year. G 13. If the resp and purpose o 14. If the resp year, describe 15. If interest expense in col Long-Term De	ny debits and cre lit. ote, give explana w for each com Sive Commission ondent has plec f the pledge. ondent has any such securities expense was in- umn (i). Explair bt and Account	edits other than detectory (details) for Apany: (a) principal authorization number and authorization number and any of its long long-term debt section a footnote.  Curred during the year in a footnote any 430, Interest on Details.	ccounts 223 and 2 advanced during shers and datesterm debt securities which have ear on any obligat difference betwee but to Associated (	28, Amortization and 224 of net change year, (b) interest are give particular to been nominally ions retired or rearn the total of colucompanies.	and Expense, or crediters during the year. With added to principal amounts (details) in a footnote issued and are nominal acquired before end of y	including name of pledge ly outstanding at end of year, include such interest account 427, interest on	id ee
Nominal Date	Date of	AMORTIZA <sup>-</sup>	TION PERIOD	Ou (Total amount	tstanding outstanding without	Interest for Year	Line
of Issue (d)	Maturity (e)	Date From (f)	Date To (g)	reduction for	r amounts held by pondent) (h)	Amount (i)	No.
(u)	(6)	(1)	(9)		(11)	(1)	1
-							2
							3
12/04/1998	12/01/2028	12/1998	12/2028		300,000,000	18,000,000	4 5
12/04/1990	12/01/2020	12/1990	12/2020		300,000,000	10,000,000	6
							7
07/01/1991	07/01/2027	07/1991	07/2027		9,647,708	889,400	8
00/10/0015	00/01/00/17	20/2015	20/20 47			40.770.000	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	
							14
							15
03/11/2016	03/15/2023	03/2016	03/2023		500,000,000	12,500,000	16 17
							18
03/11/2016	03/15/2046	03/2016	03/2046		500,000,000	19,375,000	19
							20
							21
06/05/2007	06/01/2037	06/2007	06/2037		500,000,000	30,500,000	22
							23 24
11/17/2016	12/01/2026	12/2016	12/2026		600,000,000	17,700,000	25
					* ,	, , , , , , , , , , , , , , , , , , , ,	26
							27
01/10/2008	01/15/2018	01/2008	01/2018		400,000,000	21,000,000	28
							29 30
01/10/2008	01/15/2038	01/2008	01/2038		500,000,000	30,000,000	31
					223,000,000	20,000,000	32
					10,108,368,369	444,229,502	33

Duke Energy C				X An Origir		(Mo, Da, Yr)	End of2017/Q4	
		LON	1 ` ′			3 and 224) (Continued)		
11. Explain ar on Debt - Cred 12. In a footnot advances, sho during year. Galler 13. If the resp and purpose of 14. If the resp year, describe 15. If interest expense in collong-Term De	ny debits and cr dit. ote, give explan ow for each com Give Commissio condent has pled of the pledge. condent has any such securities expense was in lumn (i). Explailebt and Account	sed amounts applicedits other than detention attemption (details) for Ampany: (a) principal in authorization number details and authorization number and a footnote.  It is a footnote and a footnote a footnote a footnote a footnote a footnote a footnote a footnote a footnote a	cable to obted to ccounts advance on the curities we car on a difference of the curities to A:	issues whith Account 4: 223 and 2 and dates. The account which have any obligation betwee associated (	ich were redeeme 28, Amortization a 224 of net change year, (b) interest ies give particular e been nominally ions retired or rea n the total of colu- Companies.	ed in prior years. and Expense, or crediter as during the year. With added to principal amounts as (details) in a footnote dissued and are nominall	nt, and (c) principle repaintly and (c) principle repaintly including name of pledgery outstanding at end of ear, include such interest count 427, interest on	id ee
Nominal Date of Issue	Date of Maturity	AMORTIZAT		ate To	reduction for	tstanding outstanding without r amounts held by pondent) (h)	Interest for Year Amount	Line No.
(d)	(e)	(f)		(g)		(n)	(i)	1
04/14/2008	04/15/2018	04/2008	04/2018	3		300,000,000	15,300,000	3
								4
04/14/2008	04/15/2038	04/2008	04/2038	3		600,000,000	36,300,000	5 6
								7
11/17/2008	11/15/2018	11/2008	11/2018	3		500,000,000	35,000,000	8
								10
11/16/2009	02/15/2040	11/2009	02/2040	)		750,000,000	39,750,000	11
								12 13
06/02/2010	06/15/2020	06/2010	06/2020	)		450,000,000	19,350,000	14
								15
05/19/2011	06/15/2021	05/2011	06/2021	1		500,000,000	19,500,000	16 17
								18
12/08/2011	12/15/2041	12/2011	12/2041	1		650,000,000	27,625,000	19 20
12/00/2011	12/10/2041	12/2011	12/204	•		030,000,000	21,023,000	21
00/04/0040	00/00/00 40	20/00/10	00/0046			050 000 000	00.000.000	22
09/21/2012	09/30/2042	09/2012	09/2042	2		650,000,000	26,000,000	23 24
								25
11/14/2017	12/01/2047	11/2017	12/2047	7		550,000,000	2,656,806	26 27
								28
								29
								30 31
10/2008	2099					300,000,000	6,738,726	32
	1	1	I		1			ı

Name of Respo			This Report Is: (1) X An Origin	nal	Date of Report (Mo, Da, Yr)	Year/Period of Report End of 2017/Q4	
Duke Energy C	arolinas, LLC		(2) A Resub		04/12/2018	Elid of	
40 11 66			•		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	ny debits and cr dit. ote, give explan ow for each com Give Commissio condent has plea of the pledge. condent has any such securities	atory (details) for A pany: (a) principal n authorization nundged any of its long long-term debt section a footnote.	bited to Account 4 accounts 223 and 2 advanced during a abers and dates. Interm debt securit curities which have	28, Amortization a 224 of net change year, (b) interest ies give particular e been nominally	and Expense, or credite as during the year. With added to principal amounts (details) in a footnote issued and are nominally	int, and (c) principle reparting including name of pledgery outstanding at end of	iid ee
expense in col Long-Term De	lumn (i). Explainebt and Account	n in a footnote any 430, Interest on De	difference betwee ebt to Associated (	n the total of colu Companies.	acquired before end of ymn (i) and the total of A		it.
Nominal Date of Issue (d)	Date of Maturity (e)	AMORTIZA  Date From  (f)	Date To (g)	reduction for	tstanding outstanding without · amounts held by pondent) (h)	Interest for Year Amount (i)	Line No.
(-)	(-7	( )	(3)			()	1
							2
							3
11/03/2003	02/01/2017	11/2003	02/2017			231,000	-
						·	6
							7
10/28/1999	02/01/2017	10/1999	02/2017			23,571	8
10/28/1999	02/01/2017	10/1999	02/2017			9,598	9 10
							11
09/01/2010	10/01/2031	09/2010	10/2031		71,605,000	3,132,719	
00/04/0040	10/01/0001	20/00/40	10/0004		<b>-</b> 4 <b>-</b> 0 <b>-</b> 000		13
09/01/2010	10/01/2031	09/2010	10/2031		71,595,000	3,132,281	14 15
09/01/2010	11/01/2040	09/2010	11/2040		50,000,000	2,312,500	1
					, ,	· · · · · · · · · · · · · · · · · · ·	17
09/01/2010	11/01/2040	09/2010	11/2040		50,000,000	2,312,500	
					455 500 004	10.505.404	19
					455,520,661	13,565,401	20 21
							22
							23
<u> </u>							24
							25
							26 27
							28
							29
							30
							31
							32
					10,108,368,369	444,229,502	33
					.0,100,000,009	777,220,002	

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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

# Schedule Page: 256.1 Line No.: 32 Column: a

The interest rate varies on this intercompany loan. The interest rate is as of December 31, 2017.

# Schedule Page: 256.2 Line No.: 20 Column: a

The Other Long Term Debt ending balance includes gains on cancelled swaps of \$5.5 million as of December 31, 2017. The 2017 amortization of these gains was a credit of (\$0.5) million to account number 427.

Name	of Respondent	This F	Report Is:  X An Original	Date of Report (Mo, Da, Yr)		ar/Period of Report
Duke	Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End	d of 2017/Q4
	RECONCILIATION OF REPO	RTED	NET INCOME WITH TAXABL	E INCOME FOR FEDERAL	INCOME	E TAXES
the years separaments 3. A s	port the reconciliation of reported net income for to utation of such tax accruals. Include in the reconciliar. Submit a reconciliation even though there is not need utility is a member of a group which files a constate return were to be field, indicating, however, into the er, tax assigned to each group member, and basis substitute page, designed to meet a particular need to the instructions. For electronic reporting purposes	ciliation, no taxal solidate tercomp s of allo	n, as far as practicable, the same able income for the year. Indicated Federal tax return, reconcile pany amounts to be eliminated location, assignment, or sharing company, may be used as Lon	e detail as furnished on Sch te clearly the nature of each reported net income with ta in such a consolidated retur g of the consolidated tax am g as the data is consistent a	edule Mareconci exable nearly State ong the g	-1 of the tax return for ling amount. et income as if a e names of group group members. s the requirements of
Line	Particulars (D	etails)	1			Amount
No.	(a)					(b)
2	Net Income for the Year (Page 117)					1,214,747,120
3						
4	Taxable Income Not Reported on Books					
5						
6						
7 8						
	Deductions Recorded on Books Not Deducted for	Return	n			
10			··			
11						
12						
13	Income Decorded on Decks Not Included in Detro					
15	Income Recorded on Books Not Included in Retur	n				
16						
17						
18						
	Deductions on Return Not Charged Against Book	Income	e			
20 21	See Notes for Detailed List					764,521,025
22						
23						
24						
25						
26						450 000 005
	Federal Tax Net Income Show Computation of Tax:					450,226,095
29	onow computation of Tax.					
	35% of \$450,226,095					157,579,133
31	Prior Year Federal Tax Adjustments - Primarily Pr	ior Yea	ar Tax True-Ups			62,776,191
32						
33	Total Fodoral Income Toy					220 255 224
34 35	Total Federal Income Tax					220,355,324
36						
37						
38						
39						
40						
41						
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	04/12/2018	2017/Q4
	ΕΩΩΤΝΩΤΕ ΠΔΤΔ		

Schedule Page: 261 Line No.: 20 Column: b	
Provision for Deferred Income Taxes	(414,304,628)
Provision for Current Federal Income Taxe	es (220,355,324)
AFUDC Equity Income	105,820,147
AFUDC Interest	44,925,700
Manufacturing Deduction	53,320,000
Book Depreciation	(979, 148, 101)
Capitalized Interest for Tax	(62,883,342)
Tax Depreciation	1,486,981,680
Tax Gain/Loss (Cost of Removal)	112,000,000
Nuclear Fuel Book Burned	(307, 787, 905)
Section 263A Adjustment	51,250,000
Equipment Repairs	194,000,000
Long Term Capital Lease Obligation	(39, 304, 681)
T&D Repairs	337,000,000
Reg Asset Save-A-Watt Program	87,367,861
Deferred Asset - SC DERP	25,523,116
Deferred Fuel Asset	94,852,125
Renewable Energy Adjustment	(31,360,407)
Self Developed Software	73,380,440
Retirement Plan Funding - Underfunded	45,635,230
Net Operating Loss Utilization/Deferral	39,200,903
Coal Ash Spend, Net of Capitalized Portion	on 93,637,431
Other Items	(25,229,220)
Total	764,521,025

# INSTRUCTION 2

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			leport Is: X]An Original	Date of Report (Mo, Da, Yr)		riod of Report 2017/Q4
Duke	Energy Carolinas, LLC	1 '	2)	A Resubmission	04/12/2018	End of	
		TAXE	S AC	CRUED, PREPAID AND	CHARGED DURING YE	AR	
1. Giv	ve particulars (details) of the cor	mbined prepaid and a	accru	ed tax accounts and shov	the total taxes charged	to operations and otl	ner accounts during
	ear. Do not include gasoline and			-			-
	I, or estimated amounts of such				=		unts.
	clude on this page, taxes paid du		-				
	the amounts in both columns (d		_		=		to taxes accrued
	ounts credited to proportions of			•	-	• •	
	accrued and prepaid tax account			(2, 2)	,		
4. Lis	t the aggregate of each kind of	tax in such manner t	hat th	e total tax for each State	and subdivision can read	dily be ascertained.	
					T	T	
Line No.	Kind of Tax (See instruction 5)			BINNING OF YEAR	Taxes Charged	Taxes Paid	Adjust-
INO.	,	Taxes Accrued (Account 236)		Prepaid Taxes (Include in Account 165)	During Year	During Year	ments
1	(a)	(b)		(c)	(d)	(e)	(f)
<b> </b>	NORTH CAROLINA						
	STATE						
4	Franchise	4,857	706		11,289,974	13,256,846	79,920
			452		415,295	433,845	70,020
-	Miscellaneous	21,	102		233,195	233,195	
7	Income taxes	16,621,	617		10,880,834	7,541,013	-3,339,822
8		.0,02.,			. 0,000,00	.,,	0,000,022
$\vdash$	LOCAL						
	Property 2017	58,766	446	3,655,446	89,407,547	128,096,522	-386,196
11	. ,						
12							
13							
14	SOUTH CAROLINA						
15	STATE						
16	Franchise	1,769,	,921		8,037,509	6,696,808	
17	Unemployment	6.	433		338,848	342,690	
18	Kilowatt hour	639,	,600		8,910,400	8,896,490	
19	Miscellaneous				1,054	1,054	
20	Income Taxes	15,385	253		9,623,646	6,845,872	-971,642
21							
	LOCAL						
$\vdash$	Property 2017	30,908,	,928		115,620,193	30,636,327	-575,788
24							
25	071150 074750						
$\vdash$	OTHER STATES		004		00.055	20.011	
27	Unemployment	2,	084		22,055	23,911	
28	FEDERAL						
	Social Security	11,639	600		45,665,848	4E 66E 9E0	275 504
-	Unemployment		303		45,665,848 916,855	45,665,859 920,215	275,594 39
-	Highway Use	О,	,503		53,163	53,163	39
		-7,720	799		220,355,324	172,958,209	5,066,693
34		-1,120,	,, 55		220,000,024	172,000,209	0,000,000
35							
36							
37							
38							
39							
40							
41	TOTAL	132,912	,643	3,655,446	521,771,740	422,602,019	148,798
		<del></del>			<del></del>		

Name of Respondent		This Report Is: (1) XAn Origina	1	Date of Report (Mo, Da, Yr)	Year/Period of Report	
Duke Energy Carolinas,	LLC	(2) All Oligina		04/12/2018	End of2017/Q4	
	TAXES A	CCRUED, PREPAID AND	CHARGED DUF	RING YEAR (Continued)		
identifying the year in colu	umn (a).	,	•	required information separa		nente
by parentheses.	or the accided and prepare	a tax accounts in column (	i) and explain ear	cii adjustinent iii a 100t- 110t	e. Designate debit adjustif	iciito
		to deferred income taxes	or taxes collected	d through payroll deductions	s or otherwise pending	
transmittal of such taxes t		vere distributed. Report in	n column (I) only t	the amounts charged to Acc	counts 408.1 and 409.1	
pertaining to electric oper	ations. Report in column	(I) the amounts charged to	Accounts 408.1	and 109.1 pertaining to oth	er utility departments and	
				outility plant or other baland the basis (necessity) of app		
o. Tor any tax apportione	a to more than one utility	department of docount, of	ate in a roomote	the basis (necessity) of app	ortioning such tax.	
BALANCE AT	END OF YEAR	DISTRIBUTION OF TAX	ES CHARGED			Line
(Taxes accrued	Prepaid Taxes	Electric (Account 408.1, 409.1)	Extraordinary It			No.
Account 236)	(Incl. in Account 165) (h)	(Account 406.1, 409.1)	(Account 409 (j)	.3) Earnings (Account (k)	(I)	
						1
						2
						3
2,970,754		11,289,974				4
8,902		415,295				5
16,621,616		233,195 10,273,598			607,236	6 7
10,021,010		10,273,596			007,230	8
						9
19,644,803	3,608,974	86,219,771			3,187,776	
						11
						12
						13
						14
						15
3,110,622		8,037,509				16
2,591		338,848				17
653,510		8,910,400			070	18
17,191,385		9,301,456			272 322,190	
17,191,303		9,301,430			322,190	21
						22
115,317,006		115,217,629			402,564	
						24
						25
						26
228		22,055				27
						28
44.045.000		45.005.040				29
11,915,282 4,982		45,665,848 916,855				30 31
4,982		53,163				32
44,743,009		212,429,582			7,925,742	_
,,.					.,020,: .2	
						34 35
						36 37
						38
						39
						40
232,184,690	3,608,974	509,325,960			12,445,780	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	04/12/2018	2017/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 3%. 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%.

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 - 7,146,876 excluded from Balance At Beginning Of Year (column b)

Sales and Use Tax Payable - 6,795,164 excluded from Balance At End Of Year (column g)

Schedule Page: 262	Line	No.: 4	Column: f
Offset to account	186	\$(21,	124)
Offset to account	253	101,	044
Total		\$79,	920
Schedule Page: 262	Line	No.: 7	Column: f
Offset to account	146		
Schedule Page: 262	Line	No.: 10	Column: f
Offset to account	143	\$494	<b>,</b> 856
Offset to account	146	331	<b>,</b> 986
Offset to account			
Offset to account			
Offset to account	419	(285	,304)
Total		\$ (386	,196)
Schedule Page: 262	Line	No.: 20	Column: f
Offset to account			•
Schedule Page: 262	Line	No.: 23	Column: f
Offset to account	182	\$(45	,984)
Offset to account	232	(529	,804)
Total		\$ (575	,788)
Cabadula Danas 262	1 :	M - 07	0 - 1 1

## Schedule Page: 262 Line No.: 27 Column: b

Prior year end of year balances that were reported on multiple rows are being consolidated on one row for reporting going forward.

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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

Schedule Page: 262	Line No.: 30	Column: f
Offset to account	242	
Schedule Page: 262	Line No.: 31	Column: f
Offset to account	107	
Schedule Page: 262	Line No.: 33	Column: f

Offset to account 410

	e of Respondent		This Report	t Is: n Original	Date of Re (Mo, Da, Y	eport Yr)		Period of Report f 2017/Q4
Duk	Duke Energy Carolinas, LLC		(2)					
Ren	ort helow information	applicable to Account 2					ctions by	
noni	utility operations. Exp	lain by footnote any co hich the tax credits are	rrection adju	stments to the accoun	t balance sho	wn in colum	n (g).Incl	ude in column (i)
Line	Account	Balance at Beginning of Year		red for Year	All Current	ocations to t Year's Incon	ne	Adjustments
No.	Subdivisions (a)	(b)	Account No. (c)	Amount (d)	Account No. (e)	Amoi (f)	unt	(g)
1	Electric Utility		(0)	(4)	(0)	(.,		(0)
	3%							
	4%	1,603,532			411.4		78,375	
	7%							
	10%	66,742,118			411.4		5,219,965	
	15%	125,000,000		07.770.000				
	30% TOTAL	9,240,000	255	35,550,000			5,000,040	-448,900
	Other (List separately	202,585,650		35,550,000			5,298,340	-448,900
	and show 3%, 4%, 7%, 10% and TOTAL)							
10	1070 and 1017AL)							
11								
12								
13								
14								
15								
16								
17 18								
19								
20								
21								
22								
23								
24								
25								
26								
27 28								
30								
31								
32								
33								
34								
35								
36								
37						1		
38								
40						-		
41								
42								
43								
44								
45								
46								
47								
48								

Name of Respondent		This	Report Is: X An Original		Date of Report (Mo, Da, Yr)	Year/Period of Repor	t
Duke Energy Carolinas,	LLC	(2)	An Original A Resubmission		04/12/2018	End of2017/Q4	
	ACCUMUI A			PEDI	ITS (Account 255) (continue	2d)	
	ACCOMOLA	TED DEI EN	NED INVESTIMENT TAX C	NLDI	113 (Account 255) (continue	<del></del>	
Balance at End	Average Period		AD II	LICTM	IENT EXPLANATION		Line
Balance at End of Year	Average Period of Allocation to Income		ADJ	USTIV	TENT EXPLANATION		No.
(h)	(i)						
							1
							2
1,525,157							3
							4
61,522,153							5
125,000,000							6
44,341,100							7
232,388,410							8
							9
							10
							11
							12
							13
							14
							15
							16
							17
							18
							19
							20
							21
							22
							23
							24
							25
							26 27
							28
							30 31
							31
							32
							33
							34
							32 33 34 35 36 37
							36
							38
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							42
							43
							44
							45
							46
							47
							48

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	04/12/2018	2017/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 \$ 11,009,122 Allocations to current year's income \$ (782,536) Balance at end of year \$ 10,226,586

#### 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 \$125M cap for the entire project.

## Schedule Page: 266 Line No.: 7 Column: b

Estimated eligible 30% ITC for expenditures for the Mocksville Solar project. Placed in service date 2016.

### Schedule Page: 266 Line No.: 7 Column: d

Estimated eligible 30% ITC for expenditures for the Monroe Solar project. Placed in service date 2017.

#### Schedule Page: 266 Line No.: 7 Column: g

The deferral of \$9,240,000 reported for 2016 represented an estimate of the 30% ITC for the Mocksville Solar project. During 2017, the 2016 Federal Tax Return was filed and the actual amount of the credit was \$8,791,100, which was \$448,900 lower than originally estimated.

	e of Respondent Energy Carolinas, LLC	This Rep (1) X (2)	ort Is: An Original A Resubmission		Date of F (Mo, Da, 04/12/20	Yr)	Yea End	r/Period of Report of2017/Q4
			FERED CREDIT	S (Account		10		
1. Re	port below the particulars (details) called				,			
	r any deferred credit being amortized, sh							
3. Mir	nor items (5% of the Balance End of Yea	ar for Account 253 or	amounts less th	an \$100,00	0, whichever	is greater) ma	y be gro	uped by classes.
Line	Description and Other Deferred Credits	Balance at		DEBITS		One dist		Balance at End of Year
No.		Beginning of Year	Contra Acçount	Ar	nount	Credits	5	
	(a)	(b)	(c)		(d)	(e)		(f)
1 2	Decommissioning Costs -  Externally Funded	391,390,82	4 0128		7,543,543	67.6	662,599	451,509,880
3	Externally Fullded	391,390,62	4 0120		7,343,343	07,0	002,599	431,309,800
4	Prepaid Extra Facilities Lighting	19,921,92	5 Various		8,049,408	3,4	171,824	15,344,341
5						-		
6	Merger Related Charitable	35,700,00	0131		11,900,000			23,800,000
7	Contributions							
8								
9	Deferred Income Tax - NC Rate	88,147,56	8 Various		18,348,206	13,8	386,520	83,685,882
10 11	Change		+					
12	Catawba - Wateree relicensing	8,098,91	1 Various		2,167,391	2.5	72,879	8,504,399
13	future projects and Misc	3,555,51			_,,,,,,,,	_,,	,,,,,,,	3,553,555
14								
15	Manufactured Gas Plants	7,290,00	0 0131, 0426		611,741	1,4	177,741	8,156,000
16	Reserve							
17								
18	Other	19,617,43	8 Various		14,921,436	13,4	164,665	18,160,667
19 20								
21								
22								
23								
24								
25								
26								
27 28								
29								
30								
31								
32								
33								
34								
35			1					
36 37			+					
38			+					
39								
40								
41								
42								
43			1					
44 45								
46			+					
			1					
47	TOTAL	570,166,66	6		63,541,725	102,5	36,228	609,161,169

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) 04/12/2018	End of2017/Q4
	ACCUMULATED DEFERRED	INC	NCOME TAXES - ACCELERATED AMORTIZAT			MORTIZATION PROPERT	Y (Account 281)
1. R	eport the information called for below concer	ning	the	respondent's accour	iting 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				П		
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				П		
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				П		
20	State Income Tax						
21	Local Income Tax						
	NOTE	 S					
	NOTE	0					

Name of Responde		Th	nis Report Is: ) XAn Original		Date of Report (Mo, Da, Yr)	Year/Period of Report	t
Duke Energy Caro	linas, LLC	(2	) A Resubmissic	n	04/12/2018	End of2017/Q4	
A	CCUMULATED DEFE				ZATION PROPERTY (Acc	ount 281) (Continued)	
3. Use footnotes	as required.						
CHANGES DURI	NG YEAR		ADJUST	MENTS			
Amounts Debited		Del			Credits	Balance at	Line
to Account 410.2	to Account 411.2	Account Credited	Amount	Account Debited	t Amount	End of Year	No.
(e)	(f)	(g)	(h)	(i)	(j)	(k)	
							1
							2
						T	3
							4
							5
							6
						+	7
							_
							8
		I	1	1	1		9
							10
							11
							12
							13
							14
							15
							16
							17
							18
							19
							20
							21
		NOTES (C	Continued)				

	of Respondent	This (1)	Rep [X]	ort Is: An Original	Date (Mo,	of Report Da, Yr)		ear/Period of Report 2017/Q4
рике	Energy Carolinas, LLC	(2)	靣	A Resubmission	04/12	2/2018		
1 Da	ACCUMULATE eport the information called for below concern			RED INCOME TAXES - OTH		`		ng to proporty not
	ct to accelerated amortization	illig t	uie i	espondent's accounting i	ioi delelle	eu ilicollie taxes	s raui	ig to property flot
•	or other (Specify),include deferrals relating to	othe	r inc	ome and deductions.				
Lino				5.1		CHANGE	ES DU	IRING YEAR
Line No.	Account		E	Balance at Beginning of Year		ounts Debited		Amounts Credited
	(a)			(b)	to A	ccount 410.1 (c)		to Account 411.1 (d)
1	Account 282			(6)		(6)		(u)
	Electric			6,452,625,233		858,731,	082	731,382,099
	Gas			1, 2 , 2 , 2 ,				- , ,
4								
5	TOTAL (Enter Total of lines 2 thru 4)			6,452,625,233		858,731,	082	731,382,099
6								
7								
8								
9	TOTAL Account 282 (Enter Total of lines 5 thru			6,452,625,233		858,731,	082	731,382,099
10	Classification of TOTAL							
11	Federal Income Tax			5,955,608,603		859,880,	338	747,392,084
12	State Income Tax			497,016,630		-1,149,	256	-16,009,985
13	Local Income Tax							
		NO	OTES	<del> </del>				
			0					
1								

Name of Responde		Ţ	This Report Is: 1) XAn Original		Date of Report (Mo, Da, Yr)	Year/Period of Report	
Duke Energy Caro	linas, LLC	(:	2) A Resubmission	ı	04/12/2018	End of2017/Q4	
A	CCUMULATED DEFER		TAXES - OTHER PROF	PERTY (Acc	ount 282) (Continued)		
3. Use footnotes	as required.						
						<u></u>	
CHANGES DURII			ADJUSTI			Balance at	Line
Amounts Debited to Account 410.2	Amounts Credited to Account 411.2	Account	ebits Amount	Accoun	Credits Amount	End of Year	No.
(e)	(f)	Credited (g)	(h)	Debited	d (j)	(k)	
(0)	(-)	(9)	(11)	(i)	- 07	(K)	1
11,807,706	2 235 079	182,253,254	2,465,488,046	254	5,533,13	4,129,591,930	
11,007,700	2,233,070	102,233,234	2,403,400,040	234	3,333,13	4,129,391,930	3
11 007 700	0.005.070		0.405.400.040		5 500 40	4 400 504 000	4
11,807,706	2,235,078		2,465,488,046		5,533,13	2 4,129,591,930	
							6
							7
							8
11,807,706	2,235,078		2,465,488,046		5,533,13	2 4,129,591,930	
							10
11,809,975			2,414,140,276		5,497,02		
-2,269	-997,898		51,347,770		36,11	0 461,561,328	
							13
		NOTES /	(Continued)				
		110120	(Continuou)				

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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

Schedule Page: 274 Line No.: 2 Column: h	
182 - Regulatory Assets	\$196,372,757(b)
253 - North Carolina Excess Deferred Income Taxes	8,167,120
254 - North Carolina Excess Deferred Income Taxes	22,990,844
254 - Federal Excess Deferred Income Taxes	2,237,957,325(a)
Total	\$2,465,488,046

- (a) Estimated remeasurement of existing deferred tax liabilities to reflect the reduction in the federal corporate tax rate from 35 percent to 21 percent due to the Tax Cuts and Jobs Act. Where the reduction in the accumulated deferred tax liability is expected to be returned to customers in future rates, the estimated remeasurement has been deferred as a net regulatory liability.
- (b) Includes the impact of the estimated remeasurement of existing deferred taxes to reflect the reduction in the federal corporate tax rate from 35 percent to 21 percent due to the Tax Cuts and Jobs Act.

## Schedule Page: 274 Line No.: 2 Column: j

254 - Other Regulatory Liabilities \$5,533,132(b)

(b) Includes the impact of the estimated remeasurement of existing deferred taxes to reflect the reduction in the federal corporate tax rate from 35 percent to 21 percent due to the Tax Cuts and Jobs Act.

Duko Energy Carolingo II C		This Re (1) X (2)	port Is: ]An Original ]A Resubmission	Original (Mo, Da, Yr) End of				
ACCUMULATED		ATED DE	EFFERED INCOME TAXES - OTHER (Account 283)					
1. Report the information called for below concerning the respondent's accounting for deferred income taxes relating to amounts								
	recorded in Account 283.							
2. F	For other (Specify),include deferrals relating to other income and deductions.							
Line	Account	Balance at	CHANGE Amounts Debited	S DURING YEAR Amounts Credited				
No.	(a)		Beginning of Year (b)	to Account 410.1	to Account 411.1			
1	Account 283		(₺)	(6)	(u)			
2	Electric							
3	2.000.00		2,696,747,781	309,793	3,781 131,414,721			
4			2,090,747,701	309,790	7,701 131,414,721			
5								
6								
7								
8								
9	TOTAL Electric (Total of lines 3 thru 8)		2,696,747,781	309,793	3,781 131,414,721			
	Gas							
11								
12								
13								
14								
15								
16								
	TOTAL Gas (Total of lines 11 thru 16)							
18	Other		116,181,382	2,508	8,664,479			
19	TOTAL (Acct 283) (Enter Total of lines 9, 17 and	18)	2,812,929,163	312,302	2,207 140,079,200			
20	Classification of TOTAL							
21	Federal Income Tax		2,562,354,641	299,016	6,195 139,775,323			
22	State Income Tax		250,574,522	13,286	303,877			
	Local Income Tax							
			NOTES		·			

Name of Responde	ent		This Report Is: (1) XAn Original		Date of Report (Mo, Da, Yr)	Year/Period of Report	
Duke Energy Carolinas, LLC			(2) A Resubmission		04/12/2018	End of2017/Q4	
					(Account 283) (Continued)		
	•	ations for Pa	ige 276 and 277. Includ	le amounts	relating to insignificant i	tems listed under Other	<b>.</b>
4. Use footnotes as required.							
CHANCECD	CHANGES DURING YEAR ADJUSTMENTS						
Amounts Debited	Amounts Credited		Debits	(	Credits	Balance at	Line
to Account 410.2	to Account 411.2	Account	Amount	Account Debited	Amount	End of Year	No.
(e)	(f)	Credited (g)	(h)	(i)	(j)	(k)	
							1
							2
-146,236	-385,039		1,169,545,889	146	1,564,532	1,707,384,287	3
							4
							5
							6
							7
							8
-146,236	-385,039		1,169,545,889		1,564,532	1,707,384,287	9
,	555,555		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,,,	1,101,001,001	10
							11
							12
							13
							14
							15
							16
							17
196,475	416,929		40,750,228			69,054,647	18
50,239	31,890		1,210,296,117		1,564,532	1,776,438,934	19
							20
47,231	1,053		1,173,186,207		1,365,143	1,549,820,627	21
3,008	30,837		37,109,910		199,389	226,618,307	22
							23
		NOTES	S (Continued)		<b>-</b>		•

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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

Schedule Page: 276 Line No.: 3 Column: h \$2,914,227 190 - Reclass between 190 and 283 182 - Regulatory Assets 219,431,359(b) 253 - North Carolina Excess Deferred Income Taxes 3,517,342 254 - North Carolina Excess Deferred Income Taxes 9,901,489 254 - Federal Excess Deferred Income Taxes 933,558,559(a) 254 - Other Regulatory Liabilities 244,176(b) 283 - Reclass between Electric and Other Categories (21, 263)Total \$1,169,545,889

- (a) Estimated remeasurement of existing deferred tax liabilities to reflect the reduction in the federal corporate tax rate from 35 percent to 21 percent due to the Tax Cuts and Jobs Act. Where the reduction in the accumulated deferred tax liability is expected to be returned to customers in future rates, the estimated remeasurement has been deferred as a net regulatory liability.
- (b) Includes the impact of the estimated remeasurement of existing deferred taxes to reflect the reduction in the federal corporate tax rate from 35 percent to 21 percent due to the Tax Cuts and Jobs Act.

## 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 - North Carolina Excess Deferred Income Taxes	\$142 <b>,</b> 180
254 - North Carolina Excess Deferred Income Taxes	400,235
254 - Federal Excess Deferred Income Taxes	40,186,550(a)
283 - Reclass between Electric and Other Categories	21,263
Total	\$40,750,228

(a) Estimated remeasurement of existing deferred tax liabilities to reflect the reduction in the federal corporate tax rate from 35 percent to 21 percent due to the Tax Cuts and Jobs Act. Where the reduction in the accumulated deferred tax liability is expected to be returned to customers in future rates, the estimated remeasurement has been deferred as a net regulatory liability.

Name of Respondent Duke Energy Carolinas, LLC		This Report Is: (1) XAn Original		Date of Report (Mo, Da, Yr)	Year/Pe End of	Year/Period of Report End of2017/Q4	
		(2) A Resubmission		04/12/2018			
2. Mi	OTHER REGULATORY LIABILITIES (Account 254)  1. Report below the particulars (details) called for concerning other regulatory liabilities, including rate order docket number, if applicable. 2. Minor items (5% of the Balance in Account 254 at end of period, or amounts less than \$100,000 which ever is less), may be grouped by classes.						
3. Fo	r Regulatory Liabilities being amortized, show	v period of amortizat	ion.				
		Balance at Begining		EBITS		Balance at End	
Line No.	Description and Purpose of Other Regulatory Liabilities	of Current	Account	Amount	Credits	of Current	
NO.		Quarter/Year	Credited			Quarter/Year	
1	(a)	(b)	(c)	(d)	(e)	(f)	
1	Regulatory Liability Related to Income  NCUC Docket No. E-7, Sub 1026						
-	SCPSC Docket 2013-59-E	138,679,742	Various	687,362,178	628,349,763	79,667,327	
4	GOI GO BOOKE(2010-03-E	100,013,142	various	007,002,170	020,040,100	19,001,321	
-	NC Tax Rate Change						
-	NCUC Docket No. M-100, Sub 138	248,139,735	Various	374,970,624	362,410,758	235,579,869	
7	·				· · ·		
8	Settlement give back		Various		14,515,333	14,515,333	
9	NCUC Docket No E-7 Sub 1051						
10							
11	ARO Regulatory Liability		Various		344,921,106	344,921,106	
12	NCUC Docket No E-7 Sub 723						
13	SCPSC Docket No 2003-84-E						
14							
15	I & D Regulatory Liability						
16	NCUC Docket No E-7, Sub 1026						
17	SCPSC Docket 2013-59-E	31,785,968	Various	1,000,000		30,785,968	
18							
<del>                                     </del>	NC REC Liability						
-	NCUC Docket E-7, Sub 1052	44,685,740	407/456	15,381,591	33,106,892	62,411,041	
21							
22	SC Storm Reserve Fund						
	SCPSC Docket 2013-59-E	21,512,245	Various	6,341,415	5,000,000	20,170,830	
24	ODER Linking	44.740.004		40,000,407	40.570.007	44 400 074	
-	OPEB Liability FERC Docket No. Al07-1-000	41,746,234	Various	10,888,167	13,570,607	44,428,674	
27	FAS 106 - Medical	4,610,680	Variana	6,035,556	1,483,282	E9.406	
28	FAS 100 - Ivietical	4,010,000	Various	0,035,330	1,403,202	58,406	
-	NDTF Contaminated Liability						
-	NCUC Docket No E-7 Sub 723						
31	SCPSC Docket No 2003-84-E	460,505,258	Various			460,505,258	
32	CO. CO BOOKO(110 2000 01 E	100,000,200	Various			400,000,200	
$\vdash$	End of Life Reserves						
<del>                                     </del>	NCUC Docket No. E-7, Sub 1026	59,702,500	Various		18,370,000	78,072,500	
35							
36	NDTF Giveback						
37	NCUC Docket No. E-100 Sub 56						
38	PSC Docket No.2015-96-E						
39	NC Long-Term Liab	3,794,857	182/254	3,794,857			
40	SC Long-Term Liab Defer Fuel	( 14,147,356)	182/254	2,773,263	16,920,618	-1	
	TOTAL	,				, == , ,== ,==	
41	TOTAL	1,189,911,046		1,460,076,435	4,841,319,292	4,571,153,903	

Name of Respondent  Duke Energy Carolinas, LLC		This Report Is: (1) XAn Original (2) A Result Price on the Control of the Control		Date of Report (Mo, Da, Yr) 04/12/2018	Year/Pe End of	Year/Period of Report End of 2017/Q4	
		(2) A Resubmission THER REGULATORY LIABILITIES (Acc					
2. Mi by cl	1. Report below the particulars (details) called for concerning other regulatory liabilities, including rate order docket number, if applicable. 2. Minor items (5% of the Balance in Account 254 at end of period, or amounts less than \$100,000 which ever is less), may be grouped by classes.						
3. Fc	r Regulatory Liabilities being amortized, show	v period of amortizati	ion.				
Line No.	Description and Purpose of Other Regulatory Liabilities	Balance at Begining of Current	of Current		Credits	Balance at End of Current	
140.	(a)	Quarter/Year (b)	Credited (c)	(d)	(e)	Quarter/Year (f)	
1	(4)	(2)	(0)	(4)	(0)	(1)	
2	NC Unbilled Fuel Giveback						
3	NCUC Docket No. E-7, Sub 1051	79,524,604	182/254	167,462,728	133,662,856	45,724,732	
4							
5 6	Mark to Market Fuel - LT	33,062,162	Various	121,630,886	88,728,303	159,579	
7	SC Unbilled Fuel						
-	PSCSC Docket 2014-3-E	36,308,677	182/254	62,435,170	26,126,493		
9							
-	Reg Liab - Excess Fed ADIT		Various		3,154,153,281	3,154,153,281	
11							
12 13							
14							
15							
16							
17							
18							
19 20							
21							
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26 27							
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29							
30							
31							
32							
33							
34 35							
36							
37							
38							
39							
40							
41	TOTAL	1,189,911,046		1,460,076,435	4,841,319,292	4,571,153,903	

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	04/12/2018	2017/Q4				
FOOTNOTE DATA							

Year-end December 2016 balance was reclassified from Other Deferred Credits (account 0253) to Regulatory Liabilities.

Sinal   (Mo, Da, Yr)   O4/12/2018   End of   2017/Q4     ATING REVENUES (Account 400)   Do not report quarterly data in columns (c), (e), (f), and (g). Unbilled revenues and MWH all version of these pages. It gas revenues in total. Ition to the number of flat rate accounts; except that where separate meter readings are a red. The -average number of customers means the average of twelve figures at the close derived from previously reported figures, explain any inconsistencies in a footnote. In definition of the figures of the figures of twelve figures at the close derived from previously reported figures, explain any inconsistencies in a footnote. In definition of the figures of twelve figures at the close derived from previously reported figures, explain any inconsistencies in a footnote. In definition of the figures of twelve figures at the close derived from previously reported figures, explain any inconsistencies in a footnote. In definition of the figures of twelve figures at the close derived from previously reported figures, explain any inconsistencies in a footnote. In definition of the figures of twelve figures at the close derived from previously reported figures, explain any inconsistencies in a footnote. In definition of the figures of twelve figures at the close derived from previously reported figures, explain any inconsistencies in a footnote. In definition of the figures of twelve figures at the close derived from previously reported figures, explain any inconsistencies in a footnote. In definition to the number of twelve figures at the close derived from previously reported figures, explain any inconsistencies in a footnote. In definition to the number of twelve figures at the close derived from previously reported figures, explain any inconsistencies in a footnote. In definition to the number of twelve figures at the close derived from previously reported figures, explain any inconsistencies in a footnote. In definition to the figures at the close derived from previously reported figures at t
Do not report quarterly data in columns (c), (e), (f), and (g). Unbilled revenues and MWH all version of these pages. d gas revenues in total. tion to the number of flat rate accounts; except that where separate meter readings are a did. The -average number of customers means the average of twelve figures at the close derived from previously reported figures, explain any inconsistencies in a footnote. d 457.2.    Operating Revenues Year to Date Quarterly/Annual (b)   Previous year (no Quarterly/Annual (c))
Operating Revenues Year to Date Quarterly/Annual (b)  2,743,777,629  2,996,677  2,217,977,416  2,299,520  1,221,920,876  1,250,048  46,404,801  47,453  6,230,080,722  6,593,696  555,060,872  6,785,141,594  7,108,598  13,034,471  9,736  6,772,107,123  7,098,861
to Date Quarterly/Annual (b)  2,743,777,629  2,996,677  2,217,977,416  2,299,520  1,221,920,876  1,250,048  46,404,801  47,453  6,230,080,722  6,593,696  555,060,872  514,901  6,785,141,594  7,108,598  13,034,471  9,736  6,772,107,123  7,098,861
2,743,777,629 2,996,677  2,217,977,416 2,299,520  1,221,920,876 1,250,045  46,404,801 47,453  6,230,080,722 6,593,696  555,060,872 514,901  6,785,141,594 7,108,598  13,034,471 9,736  6,772,107,123 7,098,861
2,217,977,416 2,299,520 1,221,920,876 1,250,045 46,404,801 47,453 6,230,080,722 6,593,696 555,060,872 514,901 6,785,141,594 7,108,598 13,034,471 9,736 6,772,107,123 7,098,861
2,217,977,416 2,299,520 1,221,920,876 1,250,045 46,404,801 47,453 6,230,080,722 6,593,696 555,060,872 514,901 6,785,141,594 7,108,598 13,034,471 9,736 6,772,107,123 7,098,861
1,221,920,876 1,250,045 46,404,801 47,453 6,230,080,722 6,593,696 555,060,872 514,901 6,785,141,594 7,108,598 13,034,471 9,736 6,772,107,123 7,098,861
1,221,920,876 1,250,045 46,404,801 47,453 6,230,080,722 6,593,696 555,060,872 514,901 6,785,141,594 7,108,598 13,034,471 9,736 6,772,107,123 7,098,861
46,404,801 47,453  6,230,080,722 6,593,696  555,060,872 514,901  6,785,141,594 7,108,598  13,034,471 9,736  6,772,107,123 7,098,861
6,230,080,722 6,593,696 555,060,872 514,901 6,785,141,594 7,108,598 13,034,471 9,736 6,772,107,123 7,098,861
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555,060,872 514,901 6,785,141,594 7,108,598 13,034,471 9,736 6,772,107,123 7,098,861
555,060,872 514,901 6,785,141,594 7,108,598 13,034,471 9,736 6,772,107,123 7,098,861
555,060,872 514,901 6,785,141,594 7,108,598 13,034,471 9,736 6,772,107,123 7,098,861
6,785,141,594 7,108,598 13,034,471 9,736 6,772,107,123 7,098,861
13,034,471 9,736 6,772,107,123 7,098,861
6,772,107,123 7,098,861
18.368.585
18.368.585 19.977
-,,
10,801,723 13,587
98,418,196 95,027
<b>329,455,619</b> 20,285
86,079,787 85,174
543,123,910 234,052
7,315,231,033 7,332,914

	(1)	X An Original	Date of Report (Mo, Da, Yr) (Mo, Da, Yr) (End of 2017/Common 04/12/2018			
unt 442, may be class	LECTR	cording to the basis	of classification (S	Small or Commercial, and Lar		
es During Period, for in or amounts relating to	nportant unbilled	new territory added revenue by account	and important ra		·	
ATT HOURS SOL	D			AVG.NO. CUSTOMER	RS PER MONTH	Line
		Quarterly)	Current Yea	ar (no Quarterly) Pro	evious Year (no Quarterly) (g)	No.
						1
		28,380,458		2,181,646	2,148,432	
		28 005 880		355 583	349.400	3
		304,148		15,375	15,190	
		· .			· · · · · · · · · · · · · · · · · · ·	7
						8
						9
		79,462,909		2,558,843	2,519,317	10
		9,081,806		24	24	11
		88,544,715		2,558,867	2,519,341	12
						13
		00,344,713		2,550,607	2,319,341	14
0	of un	billed revenues.		<u> </u>		
0	MWH	relating to unbille	ed revenues			
	ount 442, may be class is not generally greate es During Period, for ir or amounts relating to ails of such Sales in a MATT HOURS SOL Amount Previous y	ELECTR Sount 442, may be classified access not generally greater than 10 as During Period, for important for amounts relating to unbilled ails of such Sales in a footnote  VATT HOURS SOLD  Amount Previous year (no (e))	(1) XAn Original (2) A Resubmiss  ELECTRIC OPERATING  Buth 442, may be classified according to the basis of sont generally greater than 1000 Kw of demand. The second seco	(2) A Resubmission  ELECTRIC OPERATING REVENUES (A punt 442, may be classified according to the basis of classification (Ses not generally greater than 1000 Kw of demand. (See Account 442) are During Period, for important new territory added and important rate or amounts relating to unbilled revenue by accounts. The During Period sales in a footnote.  ATT HOURS SOLD  Amount Previous year (no Quarterly)  (e)  28,380,458  28,995,889  21,782,414  304,148  79,462,909  9,081,806  88,544,715  88,544,715	(1)   An Original (2)   A Resubmission   (Mo, Da, Yr) (04/12/2018	(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	04/12/2018	2017/Q4				
FOOTNOTE DATA							

Schedule Page: 300 Line No.: 17 Column: b (10,800,411.63) (1,310.92) (10,801,722.55) 0451200- Generation Application Fee

### Schedule Page: 300 Line No.: 21 Column: b

Other Variable Revenues-Reg	(153,764.56)
I/C Joint Disp - trans NW Rev	(55,074.85)
Transmission Study Revenue	(11,401.33)
Other Transmission Revenue	(2,090,331.01)
Comp For Serv Oth JointOwner	(18,226,583.17)
NC Unbilled Fuel Clause Rev	(101,268,223.00)
NC Unbilled Fuel Emf	(46,568,922.00)
SC Unbilled Fuel Clause Rev	(57,988,899.00)
Wholesale Unbilled Fuel Clause	
SAW Deferred Revenue	(69,067,695.17)
SC SAW Deferred Revenue	(12,862,064.13)
other Electric Revenue	(1,601,984.13)
Gross Up-Contr In Aid of Const	(1,540,650.13)
Deferred Dsm Costs NC	(170,146.64)
Other Revenue Affiliate	(13,703,408.16)

	f Respondent nergy Carolinas, LLC	This Report Is:			Date of Report (Mo, Da, Yr) Year/Peri 04/12/2018 End of		
	REGIONA	L TRANSMISSIC	ON SERVICE REVENU	JES (Account	457.1)		
	respondent shall report below the revenue erformed pursuant to a Commission approv						administration,
ine No.	Description of Service (a)	Balance at El Quarter 1 (b)	nd of Balance Quar	at End of ter 2	Balance at Quarte (d)		Balance at End of Year (e)
1	(a)	(b)		•)	(u)		(e)
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34 35							
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40							
41							
42							
43							
45							
_							
46   1	TOTAL						

Nam	e of Respondent	This Rep	ort Is: An Original	Date of Rep (Mo, Da, Yr)	١	eriod of Report
Duk	e Energy Carolinas, LLC	' '	A Resubmission	04/12/2018	End of	2017/Q4
		` '   <u>                                  </u>	ELECTRICITY BY RA	TE SCHEDULES		
1 R	eport below for each rate schedule in e	effect during the year th	e MWH of electricity	sold revenue average	number of customer	average Kwh per
	omer, and average revenue per Kwh, e					arolago i i i i poi
	rovide a subheading and total for each			•		-
	301. If the sales under any rate schedu	ule are classified in mo	re than one revenue	account, List the rate so	chedule and sales data	a under each
	cable revenue account subheading. /here the same customers are served u	inder more than one ra	ate echedule in the ea	me revenue account cla	assification (such as a	general residential
	dule and an off peak water heating sch				•	-
	omers.		(2)			
	he average number of customers shou	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).					
	or any rate schedule having a fuel adju eport amount of unbilled revenue as of				oilled 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	Per Customer (e)	KWh Sold (f)
1	RS - Residential Service	14,785,255	` ′	1,247,965	11,847	0.1058
2	RE - Res. Water Htr. & Space Cond	11,498,641	1,139,154,618	912,958	12,595	0.0991
3	RET - Res Water Htr & Space TOU					
4	RST - Residential Service TOU	1	180	1	1,000	0.1800
5	RB - Res. Service	73,633	8,136,479	5,609	13,128	0.1105
6	RT - Res. Service	52,672	4,570,079	2,204	23,898	0.0868
7	WC - Res. Service Controlled W-H	18,299	1,020,252	10,026	1,825	0.0558
	ES - Energy Star	164,801	16,428,113	12,909	12,766	0.0997
9	Subtotal - Account 440	26,593,302	2,734,307,104	2,191,672	12,134	0.1028
10	Unbilled Alloc Residential	123,770	9,470,525			0.0765
11	Duplicate Customers			-10,026		
12	Total Residential	26,717,072	2,743,777,629	2,181,646	12,246	0.1027
13	G - General Service	3,100	50,124	86	36,047	0.0162
14	GA - General Service					
15	OPT - General Service	2,748,906	180,412,658	4,852	566,551	0.0656
16	OL - Outdoor Lighting	420,823	87,376,096	337,272	1,248	0.2076
17	BC - Bldg - Construction Service	18,139	3,260,504	9,644	1,881	0.1798
18	I - Industrial Service	2,744,901	215,124,242	4,755	577,266	0.0784
19	OPT - Industrial Service	6,865,120	347,323,050	514	13,356,265	0.0506
20	PG - Parallel Generation	5,061	820,969	9	562,333	0.1622
	FL - Flood Lighting	230,759	32,184,678	6,168	37,412	0.1395
	SG - (GEN) - Small General Ser		1	2		
	SGS - Small General Service	5,519,470	622,434,097	313,311	17,617	0.1128
24	LGS - Large General Service	5,899,935	471,844,335	11,390	517,993	0.0800
	S - UNMETERED STREET LIGHTS					
	Yard Lighting	-1	93	1	-1,000	-0.0930
	OPTVG - General Service	12,817,765		16,023	799,960	0.0606
	OPTVI - Industrial Service	10,119,666	569,452,103	1,126	8,987,270	0.0563
	Water Heating					
	HO-Hourly Pricing	2,499,131	107,823,861	33	75,731,242	0.0431
	MP-Multiple Premises	271,983	14,299,024	62	4,386,823	0.0526
	MFR-Miscellaneous Non-metered		74,476	15		2 222 4
	Subtotal - Account 442	50,164,758	3,428,945,222	705,263	71,129	0.0684
	Duplicate Customers	0=1.000	40.000.000	-343,441		
	Unbilled Alloc Commercial & In	251,286		224 222	100,000	0.0436
	Total Commercial & Industrial	50,416,044	3,439,898,292	361,822	139,339	0.0682
37						
38						
39						
40						
41	TOTAL Billed	77,059,080	6,209,452,176	2,558,843	30,115	0.0806
42		376,216		0	0	0.0548
43	TOTAL	77,435,296	6,230,080,722	2,558,843	30,262	0.0805

	e of Respondent	This Repo	ort Is: An Original	Date of Repo (Mo, Da, Yr)		eriod of Report 2017/Q4
Duk	e Energy Carolinas, LLC		A Resubmission	04/12/2018	End of	
		SALES OF E	LECTRICITY BY RA	TE SCHEDULES	-	
2. Pi	eport below for each rate schedule in e omer, and average revenue per Kwh, ex rovide a subheading and total for each 301. If the sales under any rate schedu cable revenue account subheading.	xcluding date for Sales prescribed operating re	for Resale which is revenue account in the	eported on Pages 310-3 e sequence followed in "	311. Electric Operating Re	venues," Page
3. W	there the same customers are served udule and an off peak water heating schomers.					
if all l	ne average number of customers shoul billings are made monthly). or any rate schedule having a fuel adjus eport amount of unbilled revenue as of	stment clause state in a	a footnote the estimat	ted additional revenue b		
Line	Number and Title of Rate schedule	MWh Sold	Revenue	Average Number	KWh of Sales Per Çustomer	Revenue Per KWh Sold
No.	(a)	(b)	(c)	of Customers (d)	(e)	(f)
1 2						
	PL - Street and Public Lighting	265,071	36,989,010	6,448	41,109	0.1395
	TS - Traffic Signal - Safety Non	12,597	2,274,362	7,341	1,716	0.1805
	GL - Governmental Lighting Servic	23,073	6,811,948	1,578	14,622	0.2952
6	NL - Standard Lighting Service	279	124,530	8	34,875	0.4463
7	Subtotal - Account 444	301,020	46,199,850	15,375	19,579	0.1535
	Unbilled Alloc Pub St & Highwa	1,160	204,951			0.1767
	Total Public Street and Highway	302,180	46,404,801	15,375	19,654	0.1536
	Total Retail Unbilled Fuel Clause					
11						
12 13						
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23 24						
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26						
27						
28						
29						
30						
31						
32						
33						
34						
35 36						
37						
38						
39						
40						
41	TOTAL Billed	77,059,080	6,209,452,176	2,558,843	30,115	0.0806
42	Total Unbilled Rev.(See Instr. 6)	376,216	20,628,546	0	0	0.0548
43	TOTAL	77,435,296	6,230,080,722	2,558,843	30,262	0.0805

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	04/12/2018	2017/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.: 36 Column: d

The totals do not include duplications of customers served under more than one rate schedule.

Schedule Page: 304 Line No.: 36 Column: e

The totals do not include duplications of customers served under more than one rate schedule.

Schedule Page: 304.1 Line No.: 10 Column: a

All rate schedules are subject to fuel clause adjustment. For 2017 the total amount of unbilled fuel clause revenue is (\$205,826,044). This includes North Carolina unbilled fuel clause revenue of (\$101,268,223), North Carolina Experience Modification Factor (EMF) of (\$46,568,922) including interest, and South Carolina unbilled fuel clause revenue of (\$57,988,899).

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.

Name of Respondent		This Rep	oort Is: ]An Original	Date of Re (Mo, Da, Y	r)	Period of Report
Duke	Energy Carolinas, LLC	(1) <u>X</u> (2)	An Onginal A Resubmission	04/12/2018		f <u>2017/Q4</u>
		` '	S FOR RESALE (Accou	nt 447)		
power for el Purci 2. E owne 3. In RQ - supp be th LF - reasc from defin earlie IF - than SF - one y LU - servi IU - f	eport all sales for resale (i.e., sales to pure exchanges during the year. Do not reponergy, capacity, etc.) and any settlements hased Power schedule (Page 326-327). Inter the name of the purchaser in columnership interest or affiliation the respondent column (b), enter a Statistical Classificating for requirements service. Requirements lier includes projected load for this service esame as, or second only to, the supplier for tong-term service. "Long-term" means ons and is intended to remain reliable ever third parties to maintain deliveries of LFs ition of RQ service. For all transactions ic lest date that either buyer or setter can unif for intermediate-term firm service. The safive years. For short-term firm service. Use this category ear or less. For Long-term service from a designated goe, aside from transmission constraints, mor intermediate-term service from a designate for intermediate-term service from a designate of the constraints on the constraints of the	ort exchange for imbalant (a). Do not has with the on Code baservice is see in its systee in its systee to structure and under advervice). This identified as laterally get ame as LF second for all finance in the order of the o	es of electricity (i.e., ticed exchanges on this ced exchanges on this ced exchanges on this e abbreviate or truncate purchaser.  sed on the original concervice which the supplim resource planning). To its own ultimate consor Longer and "firm" more conditions (e.g., is category should not LF, provide in a footnot out of the contract. The ervice except that "interm services where the unit. "Long-term" meanthe availability and reliated to the contract.	ransactions involves schedule. Power te the name or us intractual terms ariser plans to provide In addition, the resumers. The supplier must be used for Longuete the termination ermediate-term" in a duration of each ability of designation is scheduled.	ring a balancing of der exchanges must be acronyms. Explained conditions of the sele on an ongoing baseliability of requirem cannot be interrupted attempt to buy emeratempt to buy emeratem firm service who date of the contractions longer than or period of commitme onger. The availabilitied unit.	ebits and credits e reported on the in in a footnote any service as follows: sis (i.e., the ents service must ed for economic regency energy nich meets the it defined as the ine year but Less int for service is ty and reliability of
Line No.	Name of Company or Public Authority (Footnote Affiliations)	Statistical Classifi- cation	FERC Rate Schedule or Tariff Number	Average Monthly Billing Demand (MW)	Actual De Average Monthly NCP Demand	mand (MW)  Average  Monthly CP Demand
	(a)	(b)	(c)	(d)	(e)	(f)
1	Blue Ridge Electric Membership					
2	Corporation	RQ	315	215	246	231
3	Blue Ridge Electric Membership					
4	Corporation	AD	315			
5	Central Electric Power Cooperative,Inc.	RQ	336	582	531	521
6	Central Electric Power Cooperative,Inc.	AD	336			
7	City of Concord	RQ	327	178	173	172
8	City of Concord	AD	327			
9	City of Kings Mountain	RQ	331	22	27	26
10	City of Kings Mountain	AD	331			
	City of Greenwood, SC	RQ	334	59	57	55
	City of Greenwood, SC	AD	334			
	Haywood Electric Membership Corporation	RQ	335	22	25	22
14	Haywood Electric Membership Corporation	AD	335			
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0
			<b> </b>		•	

	e of Respondent		eport Is: ズ]An Original	Date of Rej (Mo, Da, Yi	r)	Period of Report
Duke	Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018		f <u>2017/Q4</u>
		` '	ES FOR RESALE (Account 4	47)	<u> </u>	
power for e Purce 2. E owne 3. Ir RQ - supp be th LF - reas from defin earliur IF - than SF - one turn LU - servi IU - 1	eport all sales for resale (i.e., sales to purcher exchanges during the year. Do not report nergy, capacity, etc.) and any settlements of hased Power schedule (Page 326-327). Inter the name of the purchaser in column (acrship interest or affiliation the respondent of a column (b), enter a Statistical Classification for requirements service. Requirements solier includes projected load for this service are same as, or second only to, the supplier's for tong-term service. "Long-term" means to constant is intended to remain reliable even third parties to maintain deliveries of LF selected that either buyer or setter can unitate for intermediate-term firm service. The same five years. For short-term firm service. Use this category year or less. For Long-term service from a designated good or intermediate-term service from a designated good or intermediate-term service from a designated good or the page year but Lose then five years.	nasers of t exchanger imbalars). Do no nas with the code between the code between the code in its system is service in its system in the code in its system in the code in its system in the code in t	her than ultimate consume ges of electricity (i.e., transinced exchanges on this so the abbreviate or truncate the purchaser. ased on the original contraservice which the supplier em resource planning). In to its own ultimate consumer or Longer and "firm" mean liverse conditions (e.g., the his category should not be a LF, provide in a footnote service except that "intermofirm services where the durint. "Long-term" means for the availability and reliability and reliability.	rs) transacted sactions involved sactions involved sactions involved sactions involved sactions to provid addition, the refers.  In that service supplier must used for Longthe termination dediate-term ration of each live years or Logity of designate	ing a balancing of der exchanges must be a cronyms. Explain d conditions of the se on an ongoing baseliability of requirem cannot be interrupted attempt to buy emeratempt to buy emeratempt to the contract means longer than or period of commitme onger. The availabilised unit.	ebits and credits e reported on the in in a footnote any service as follows: sis (i.e., the ents service must ed for economic regency energy nich meets the defined as the me year but Less int for service is ty and reliability of
Long	er than one year but Less than five years.					
Line	Name of Company or Public Authority	Statistical		Average onthly Billing	Actual Dei	mand (MW)
No.	(Footnote Affiliations)	Classifi- cation		emand (MW)	Average Monthly NCP Demand	Average Monthly CP Demand
	(a)	(b)	(c)	(d)	(e)	(f)
1	' '	RQ	332	42	62	61
	· · · · · · · · · · · · · · · · · · ·	AD	332			
3	North Carolina Electric Membership					
4	'	RQ	326	60	62	58
	North Carolina Electric Membership					
6	<u>'</u>	AD	326			
7		os 	318			
		AD	318			
9	Piedmont Electric Membership	20	240		0.7	00
10	•	RQ	316	88	87	83
11	Piedmont Electric Membership	AD.	240			
12	•	AD RQ	316 340	47		
	, ,	AD	340	47		
14	riedifiont wurldpar Fower Agency	4D	340			
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
				0		-
	Total					
	Total				•	0

pow						
Purc 2. E own 3. Irr RQ supp be the LF - reas from defire earli than SF - one LU - serv IU -	Report all sales for resale (i.e., sales to pure er exchanges during the year. Do not reperency, capacity, etc.) and any settlements chased Power schedule (Page 326-327). Inter the name of the purchaser in column ership interest or affiliation the respondent of column (b), enter a Statistical Classificater for requirements service. Requirements olier includes projected load for this service asame as, or second only to, the supplier for tong-term service. "Long-term" means ons and is intended to remain reliable eventation of RQ service. For all transactions is est date that either buyer or setter can unifor intermediate-term firm service. The saftive years. for short-term firm service. Use this category or less.  for Long-term service from a designated give, aside from transmission constraints, in for intermediate-term service from a designated give than one year but Less than five years.	ort exchange for imbalant (a). Do note has with the ion Code base service is see in its system in under advicervice). This dentified as Laterally get ame as LF see gory for all fingenerating unust match that and generating	es of electricity ( i.e. ced exchanges on electricity ( i.e. ced exchanges on electricity exchanges on the original ervice which the super resource planning its own ultimate or Longer and "firm erse conditions (e.g. category should reference except that "or service except that "or service where enit. "Long-term" mane availability and its ced except that "or service except that "or service except that "or service except that "or service except that "or service except that "or service except that "or service except that "or services where enit. "Long-term" mane availability and its except that "or services except that "or services where enit."	this schedule. Power this sche	ring a balancing of der exchanges must be a cronyms. Explain and conditions of the sele on an ongoing baseliability of requirem cannot be interrupted attempt to buy emeratempt to buy emeratempt in date of the contract means longer than or period of commitment onger. The availabilised unit.	ebits and credits e reported on the in a footnote any service as follows: sis (i.e., the ents service must ed for economic regency energy nich meets the defined as the service year but Less ent for service is ty and reliability of
Line No.	Name 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 I Monthly CP Demand
	(a)	(b)	(c)	(d)	(e)	(f)
1	Rutherford Electric Membership		. ,	. ,	. ,	.,
2	Corporation	RQ	317	215	268	264
3	Rutherford Electric Membership					
4	Corporation	AD	317			
	Town of Dallas	RQ	328	13	14	13
5						
5 6	Town of Dallas	AD	328	_	-	
6	Town of Due West	RQ	329	2	3	3
6 7 8	Town of Due West Town of Due West	RQ AD	329 329		3	3
6 7 8 9	Town of Due West Town of Due West Town of Forest City	RQ AD RQ	329 329 330	2	23	
6 7 8 9	Town of Due West Town of Due West Town of Forest City Town of Forest City	RQ AD RQ AD	329 329 330 330	19		22
6 7 8 9 10	Town of Due West Town of Due West Town of Forest City Town of Forest City Town of Highlands	RQ AD RQ AD RQ	329 329 330			3
6 7 8 9 10 11	Town of Due West Town of Due West Town of Forest City Town of Forest City	RQ AD RQ AD	329 329 330 330 337	19		22
6 7 8 9 10 11 12 13	Town of Due West Town of Due West Town of Forest City Town of Forest City Town of Highlands Town of Highlands	RQ AD RQ AD RQ AD	329 329 330 330 337 337	19	9	22
6 7 8 9 10 11 12 13	Town of Due West Town of Due West Town of Forest City Town of Forest City Town of Highlands Town of Highlands Town of Prosperity	RQ AD RQ AD RQ AD RQ AD RQ AD	329 329 330 330 337 337 333	19	9	22
6 7 8 9 10 11 12 13	Town of Due West Town of Due West Town of Forest City Town of Forest City Town of Highlands Town of Highlands Town of Prosperity	RQ AD RQ AD RQ AD RQ AD RQ AD	329 329 330 330 337 337 333	19	2	22 8
6 7 8 9 10 11 12 13	Town of Due West Town of Due West Town of Forest City Town of Forest City Town of Highlands Town of Highlands Town of Prosperity Town of Prosperity	RQ AD RQ AD RQ AD RQ AD RQ AD	329 329 330 330 337 337 333	19 8 2	2	3 22 8 2

Date of Report (Mo, Da, Yr) 04/12/2018 Year/Period of Report

End of

2017/Q4

Name of Respondent

Name	e of Respondent	This Rep	oort Is: ]An Original	Date of Re (Mo, Da, Y	port		Period of Report
Duke	Energy Carolinas, LLC	(1) <u>X</u> (2)	AR Resubmission	04/12/2018		End o	f 2017/Q4
		` ' <u> </u>	S FOR RESALE (Account	447)			
power for eight for eight for eight for eight for eight for eight for earlier from definition one yung for eight for	Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than lower 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 winership 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. 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 from 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 earliest date that either buyer or setter can unilaterally get out of the contract.  2. For intermediate-term firm service. The same as LF service except that "intermediate-term" means longer than one year but Less han five years.  3. For for short-term firm service from a designated generating unit. "Long-term" means five years or Longer. The availability and reli						
Line	Name of Company or Public Authority	Statistical	FERC Rate	Average		Actual De	mand (MW)
No.	(Footnote Affiliations)	Classifi- cation	Tariff Number				Average Monthly CP Demand
1	(a) Western Carolina University	(b) RQ	(c) 338	(d) 7	(e	9	(f) 8
	Western Carolina University	AD	338	·			0
	Broad River Energy, LLC	os	4				
	Cargill Power Markets, LLC	os	4				
	North Carolina Municipal Power Agency 1	os	4				
$\overline{}$	Piedmont Municipal Power Agency	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				
	Cargill Power Markets, LLC	os	6				
	EDF Trading North America, LLC	os	5				
14	Exelon Generation Company, LLC	os	5				
	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, Yr	٠١	Period of Report
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018		f 2017/Q4
		1 ` ′	LES FOR RESALE (Account 4-	47)	<b></b>	
power for e Purc 2. E owne 3. In RQ - supp be th LF - reaso from defin earlie IF - than SF - one y LU - servi IU - 1	eport all sales for resale (i.e., sales to purcher exchanges during the year. Do not report nergy, capacity, etc.) and any settlements finased Power schedule (Page 326-327). Inter the name of the purchaser in column (gership interest or affiliation the respondent had column (b), enter a Statistical Classification for requirements service. Requirements solier includes projected load for this service he same as, or second only to, the supplier's for tong-term service. "Long-term" means the sons and is intended to remain reliable even third parties to maintain deliveries of LF selected that either buyer or setter can unital for intermediate-term firm service. The sand five years. for short-term firm service. Use this category year or less. for Long-term service from a designated generation on the year but Less than five years.	t exchar or imbal  a). Do not not not not not not not not not no	anges of electricity (i.e., transfanced exchanges on this so note abbreviate or truncate to the purchaser.  based on the original contraser excive which the supplier particle which the supplier particle to its own ultimate consumers or Longer and "firm" meand except and "firm" meand except should not be as LF, provide in a footnote to the tout of the contract.  For service except that "intermal firm services where the dual gunit. "Long-term" means for the availability and reliability and reliability and reliability.	sactions involving the dule. Powe the name or use the name or use the name or use the name of the name	ing a balancing of d r exchanges must be a acronyms. Explai d conditions of the se e on an ongoing base eliability of requirem cannot be interrupted attempt to buy eme term firm service will date of the contract reans longer than or period of commitme inger. The availabilitied unit.	ebits and credits be reported on the in in a footnote any service as follows: sis (i.e., the ments service must ed for economic regency energy hich meets the t defined as the me year but Less ent for service is ity and reliability of
Line No.	Name of Company or Public Authority (Footnote Affiliations)	Statistica Classifi- cation	Schedule or Tariff Number De		Average Monthly NCP Demand	mand (MW)  Average  Monthly CP Demand
	(a)	(b)	(c)	(d)	(e)	(f)
1 2	Midcontinent Independent System	os	F			
	-	0S 0S	5			
	y , , ,		5			
<u>4</u> 5		OS AD	5			
	·	OS	5			
	' '	os os	294			
	' '	os os	293			
	•	os os	5			
	' '	os os	3			
	· ·	os os	5			
		OS	5			
	••	os .	4			
14	Cargill Power Markets, LLC	os	4			
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	
	Total			0	0	0
			1	L		

	e of Respondent		Report Is:  X An Original	Date of Re (Mo, Da, Y	r\	Period of Report
Duke	Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018		f 2017/Q4
		1 ' '	ALES FOR RESALE (Accou	nt 447)	4	
power for e Purc 2. E owne 3. In RQ - supp be th LF - reaso from defin earlier 1F - than SF - one y LU - servi IU - 1	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 re nergy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the urchased 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 wnership 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:  Q - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the upplier includes projected load for this service in its system resource planning). In addition, the reliability of requirements service must a 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 asons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy om third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the efficition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract defined as the artiest date that either buyer or setter can unilaterally get out of the contract.  F - for intermediate-term firm service. Use this category for all firm services where the duration of each period of commitment for service is ne year or less.  J - for Long-term service from a designated generating unit. "Long-term" means five years or Longer. The availability and reliability of					
Line	Name of Company or Public Authority	Statistic		Average Monthly Billing	Actual De	mand (MW)
No.	(Footnote Affiliations) (a)	Classifi cation (b)		Demand (MW) (d)	Monthly NCP Demander	Average Monthly CP Demand (f)
1	City of Seneca, South Carolina	os	4	. ,	. ,	,
2	Eagle Energy Partners	os	4			
3	Energy United Electric Membership					
4	Corporation	os	4			
5	Exelon Generation Co., LLC	os	4			
6	Lockhart Power Company	os	4			
		os	4			
8		os	4			
9	North Carolina Electric Membership					
10	'	os	4			
11	' ' '	os	4			
12		os	4			
	' '	os	4			
14	South Carolina Public Service Authority	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, Yr	<b>\</b>	Period of Report
Duke	Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End o	f <u>2017/Q4</u>
		· , ,	LES FOR RESALE (Account 44	7)	<b> </b>	
power for e Purc 2. E owne 3. In RQ - supp be th LF - reaso from defin earlier 1F - than SF - one y LU - servi IU - 1	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 urchased 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 wnership 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: Q - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the upplier 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.  For for fong-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 on third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the effinition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract defined as the arrived date that either buyer or setter can unilaterally get out of the contract.  For intermediate-term firm service. The same as LF service except that "intermediate-term" means longer than one year but Less an five years.  For for short-term firm service. Use this category for all firm services where the duration of each period of commitment for service is ne year or less					
Line	Name of Company or Public Authority	Statistic	al FERC Rate	Average	Actual De	mand (MW)
No.	(Footnote Affiliations)	Classifi	- Schedule or Mo	onthly Billing mand (MW)	Average Monthly NCP Demand	Average Monthly CP Demand
	(a)	(b)	(c)	(d)	(e)	(f)
1	Southern Power Company	OS	4			
2	The Energy Authority, Inc.	os	4			
3	Duke Energy Progress, Inc.	LF	341			
4	Duke Energy Progress, Inc.	AD	341			
5	Duke Energy Progress, Inc.	os	10			
6						
7						
8						
9						
10						
11						
12						
13						
14						
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0
	Total			U	<u>_</u>	U

OS - for other service. use non-firm service regardless of the service in a footnote. AD - for Out-of-period adjusyears. Provide an explanat 4. Group requirements RQ in column (a). The remainin "Total" in column (a) as the 5. In Column (c), identify the which service, as identified 6. For requirements RQ sa average monthly billing den monthly coincident peak (C demand in column (f). For metered hourly (60-minute integration) in which the suffootnote any demand not solution 7. Report in column (g) the 8. Report demand charges out-of-period adjustments, in the total charge shown on by The data in column (g) the Last -line of the schedu 401, line 23. The "Subtotal 401, line 24.	stment. Use this code for a sinn in a footnote for each a sales together and reporting sales may then be listed. Last Line of the schedule. Lest Line of the schedule of the s	any accounting adjustments adjustment. In them starting at line number in any order. Enter "Subtone Report subtotals and total Tariff Number. On separate involving demand charges erage monthly non-coincide enter NA in columns (d), (e) nonth. Monthly CP demand monthly peak. Demand report in column (i), and the transfer in column (i), and the transfer in column (g) must be mun (g) must be reported as	or "true-ups" for service procession or "true-ups" for service procession or "true-ups" for service procession of the latest and the latest a	e year. Describe the naturovided in prior reporting sales, enter "Subtotal - Rafter this Listing. Enter of schedules or tariffs und Longer) basis, enter the column (e), and the average and is the maximum aring the hour (60-minute of) must be in megawatts tharges, including an (j). Report in column on 4), and then totaled or a Sales For Resale on Page 1.	Q" er age
MegaWatt Hours		REVENUE			Line
Sold	Demand Charges	Energy Charges	Other Charges	Total (\$) (h+i+j)	No.
(g)	(\$) (h)	(\$) (i)	(\$) (j)	(k)	
(0)	( )	· · ·	07	( )	1
1,352,828	38,479,821	33,020,784		71,500,605	2
					3
	-186,705	-184,815		-371,520	4
2,846,089	112,369,610	67,267,306		179,636,916	5
6,312	-3,986,845	-127,799		-4,114,644	6
943,694	33,496,476	22,798,663		56,295,139	7
·	-129,735	-127,914		-257,649	8
155,086	4,410,845	3,739,791		8,150,636	9
,	-14,531	-20,373		-34,904	10
298,773	11,309,023	7,062,998		18,372,021	11
,	-43,980	-41,325		-85,305	12
122,789	3,805,085	2,902,737		6,707,822	13
	-22,894	-16,859		-39,753	14
8,052,479	293,753,428	192,931,673	0	486,685,101	
1,818,789	-4,902,691	72,898,253	380,209	68,375,771	
9,871,268	288,850,737	265,829,926	380,209	555,060,872	
3,071,200	200,030,737	200,023,320	300,209	333,000,012	

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This Report Is:
(1) X An Original
(2) A Resubmission

SALES FOR RESALE (Account 447) (Continued)

Date of Report (Mo, Da, Yr)

04/12/2018

Year/Period of Report

End of

2017/Q4

Name of Respondent

Duke Energy Carolinas, LLC

FERC FORM NO. 1 (ED. 12-90)

of the service in a footnote. AD - for Out-of-period adjust	tment. Use this code for ar	nv accounting adjustments	or "true-ups" for service p	rovided in prior reporting	
ears. Provide an explanation	on in a footnote for each ac	djustment.			
	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 service, error of the system reaches its reached on a megawatt basis at megawatt hours shown on in column (b), energy charge column (j). Explain in a fooling is rendered to the purchastrough (k) must be subtotaled. The "Subtotal - RQ" amount of the system is the subtotal of	djustment.  Them starting at line number in any order. Enter "Subto Report subtotals and total Tariff Number. On separation of the stage monthly non-coincide of the 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 count in column (g) must be count in column (g) must be simple size.	r one. After listing all RQ sotal-Non-RQ" in column (a) for columns (9) through (k) the Lines, List all FERC rates imposed on a monthly (or not peak (NCP) demand in and (f). Monthly NCP demand (f). Monthly NCP demand (f) asser. Otal of any other types of the amount shown in columns (RQ grouping (see instruction reported as Requirements	sales, enter "Subtotal - Reparter this Listing. Enter be schedules or tariffs und Longer) basis, enter the column (e), and the averand is the maximum uring the hour (60-minute of) must be in megawatts charges, including no (j). Report in column on 4), and then totaled on Sales For Resale on Page 1	ec (k)
101, iine 24.	Non No amount in colum	iii (g) mast be reported as	Tron requirements cales	Torresale of Fage	
0. Footnote entries as requ	uired and provide explanati	ons following all required o	data.		
MegaWatt Hours		REVENUE		T-4-1 (#)	Line
Sold	Demand Charges	Energy Charges	Other Charges	Total (\$) (h+i+j)	No.
(g)	(\$) (h)	(\$) (i)	(\$) (j)	(k)	
331,311	7,217,217	7,832,202	3/	15,049,419	1
	-30,413	-42,702		-73,115	2
					3
391,244	12,974,802	9,249,024		22,223,826	4
·	-279,553	-52,178		-331,731	5
					6
7,631	1,050,000	309,370		1,359,370	7
	1,814			1,814	8
					9
390,686	14,339,888	9,235,853		23,575,741	10
					11
	-73,955	-54,310		-128,265	12
53,373	8,290,094	1,261,747		9,551,841	13
	-102,636	-5,014		-107,650	14
8,052,479	293,753,428	192,931,673	0	486,685,101	
1,818,789	-4,902,691	72,898,253	380,209	68,375,771	
9,871,268	288,850,737	265,829,926	380,209	555,060,872	
9,071,208	200,050,737	203,029,920	360,209	555,060,872	

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)

04/12/2018

Year/Period of Report

End of

2017/Q4

Name of Respondent

OS - for other service. use non-firm service regardless of the service in a footnote. AD - for Out-of-period adjus years. Provide an explanat 4. Group requirements RQ in column (a). The remainin "Total" in column (a) as the 5. In Column (c), identify the which service, as identified 6. For requirements RQ sa average monthly billing den monthly coincident peak (C demand in column (f). For metered hourly (60-minute integration) in which the sup Footnote any demand not s 7. Report in column (g) the 8. Report demand charges out-of-period adjustments, i the total charge shown on b 9. The data in column (g) til the Last -line of the schedu 401, line 23. The "Subtotal 401, line 24.	of the Length of the contractment. Use this code for a son in a footnote for each a sales together and reporting sales may then be listed. Last Line of the schedule. Let Line of the schedule or in column (b), is provided. Let and any type of-service and in column (d), the average and in column (d), the average all other types of service, expected in the column (d), the average and the column (d), the average and the column (d), the average and the column (d), the average and the column (d), the average and the column (d), the column (d), the average and the column (d), the column (d), the column (d), the average and the column (d), the column (d)	act and service from designary accounting adjustments adjustment. In them starting at line number in any order. Enter "Subton Report subtotals and total Tariff Number. On separate involving demand charges arage monthly non-coincide enter NA in columns (d), (e) nonth. Monthly CP demand monthly peak. Demand report and explain. In bills rendered to the purchages in column (i), and the transfer in column (ii), and the transfer in column (iii) and the transfer in column (iii) must be mun (iii) must be reported as	ated units of Less than one or "true-ups" for service properties. After listing all RQ solal-Non-RQ" in column (a) for columns (9) through (k) the Lines, List all FERC rates imposed on a monthly (or not peak (NCP) demand in columns (b). Monthly NCP demand (c) and (f). Monthly NCP demand in columns (e) and (f) asser.  Total of any other types of columns (f) and columns (f) and columns (f) are amount shown in columns (f) are ported as Requirements (f) and (f) are ported as Requirements (f) and (f) are ported as Requirements (f) and (f) are ported as Requirements (f) and (f) are ported as Requirements (f) and (f) are ported as Requirements (f) and (f) are ported as Requirements (f) are ported as Requirement	e year. Describe the naturovided in prior reporting sales, enter "Subtotal - R after this Listing. Enter schedules or tariffs und Longer) basis, enter the column (e), and the average and is the maximum aring the hour (60-minute of) must be in megawatts tharges, including an (j). Report in column on 4), and then totaled or Sales For Resale on Page 1981.	Q" er age
		DEVENUE			
MegaWatt Hours	Demand Charges	REVENUE Energy Charges	Other Charges	Total (\$)	Line
Sold	(\$) (h)	(\$) (i)	(\$)	(h+i+j)	No.
(g)	(n)	(1)	(j)	(k)	1
860,157	36,833,397	21,130,986		57,964,383	2
000,137	30,033,397	21,130,960		57,904,363	3
	400.747	400.000		004.440	4
70.007	-183,747	-120,366		-304,113	5
72,237	2,347,076	1,758,433		4,105,509	6
42.400	-839,285	-9,850		-849,135	7
12,490	388,115	295,286		683,401	
440.000	-1,626	-1,757		-3,383	
118,626	3,703,283	2,878,577		6,581,860	9
40.007	-15,593	-16,337		-31,930	10 11
48,387	1,653,100	1,203,912		2,857,012	12
44.054	-20,123	-6,624		-26,747	13
11,054	349,588	261,307		610,895	14
	-1,968	-1,440		-3,408	14
8,052,479	293,753,428	192,931,673	0	486,685,101	
1,818,789	-4,902,691	72,898,253	380,209	68,375,771	
9,871,268	288,850,737	265,829,926	380,209	555,060,872	

SALES FOR RESALE (Account 447) (Continued)

Date of Report (Mo, Da, Yr)

04/12/2018

Year/Period of Report

End of

2017/Q4

Name of Respondent

OS - for other service. use non-firm service regardless of the service in a footnote. AD - for Out-of-period adjus years. Provide an explanat 4. Group requirements RQ in column (a). The remainin "Total" in column (a) as the 5. In Column (c), identify the which service, as identified 6. For requirements RQ sa average monthly billing demonthly coincident peak (Commonthly (60-minute integration) in which the suffootnote any demand not so 7. Report in column (g) the 8. Report demand charges out-of-period adjustments, in the total charge shown on the solution of the schedu 401, line 23. The "Subtotal 401, line 24.	stment. Use this code for a sion in a footnote for each a sales together and report ing sales may then be listed. Last Line of the schedule one FERC Rate Schedule or in column (b), is provided. Iles and any type of-service mand in column (d), the average and in column (d), the average and in column (d), the average and the system reaches its stated on a megawatt basis of megawatt hours shown or in column (j). Explain in a foills rendered to the purchathrough (k) must be subtotalle. The "Subtotal - RQ" am - Non-RQ" amount in column	ny accounting adjustments djustment. Them starting at line number in any order. Enter "Subto Report subtotals and total Tariff Number. On separate involving demand charges arage monthly non-coincide onter NA in columns (d), (e) onth. Monthly CP demand monthly peak. Demand repand explain.  In bills rendered to the purcharges in column (i), and the tootnote all components of the ser.  Iled based on the RQ/Non-frount in column (g) must be mun (g	or "true-ups" for service por one. After listing all RQ sotal-Non-RQ" in column (a) for columns (9) through (kee Lines, List all FERC rates imposed on a monthly (or int peak (NCP) demand in the amount of the amount shown in columns (e) and (f). Monthly NCP demand in the metered demand dutorted in columns (e) and (f) asser.  Otal of any other types of content of the amount shown in columns (e) and (f) are amount shown in columns (f) are ported as Requirements and for the amount shown in columns (f) are ported as Requirements Sales	e year. Describe the native year. Describe the native rovided in prior reporting sales, enter "Subtotal - Reparter this Listing. Enter the schedules or tariffs und the Longer) basis, enter the column (e), and the averand is the maximum uring the hour (60-minute (f) must be in megawatts tharges, including no (j). Report in column on 4), and then totaled on Sales For Resale on Page 19 and 19 a	ure RQ" ler eage
M = == \ \ \ / = \ \		REVENUE			1 :
MegaWatt Hours Sold	Demand Charges	Energy Charges	Other Charges	Total (\$) (h+i+j)	Line No.
(g)	(\$) (h)	(\$) (i)	(\$) (j)	(k)	
43,655	1,786,008	1,032,067	U)	2,818,075	1
.0,000	-20,916	-5,971		-26,887	
1,668	20,010	0,011	146,952	146,952	
1,396			4,988	4,988	
1,871			3,450	3,450	
1,183			325	325	
3,785			195,682	195,682	
3,125			52,398	52,398	
0,120			02,000	02,000	9
153,827		19,336,379		19,336,379	
21,753		969,103		969,103	
371		6,680		6,680	
91		4,530		4,530	
275		11,490		11,490	
8,052,479	293,753,428	192,931,673	0	486,685,101	
1,818,789	-4,902,691	72,898,253	380,209	68,375,771	
9,871,268	288,850,737	265,829,926	380,209	555,060,872	
1,818,789	-4,902,691	72,898,253	380,209	68,375,771	

Page 311.3

This Report Is:
(1) X An Original
(2) A Resubmission

SALES FOR RESALE (Account 447) (Continued)

Date of Report (Mo, Da, Yr)

04/12/2018

Year/Period of Report

End of

2017/Q4

Name of Respondent

Duke Energy Carolinas, LLC

FERC FORM NO. 1 (ED. 12-90)

OS - for other service. use non-firm service regardless of the service in a footnote. AD - for Out-of-period adjus years. Provide an explanat 4. Group requirements RQ in column (a). The remainir "Total" in column (a) as the 5. In Column (c), identify the which service, as identified 6. For requirements RQ sa average monthly billing demonthly coincident peak (C demand in column (f). For metered hourly (60-minute integration) in which the suffootnote any demand not service, as the total charge sout-of-period adjustments, in the total charge shown on the service of the schedu 401, line 23. The "Subtotal 401, line 24.	stment. Use this code for a sion in a footnote for each a sales together and reporting sales may then be listed. Last Line of the schedule one FERC Rate Schedule on in column (b), is provided. les and any type of-service and in column (d), the average and in column (d), the average and in column (d), the average and the service, explicitly and the service integration) demand in a mapplier's system reaches its stated on a megawatt basis a megawatt hours shown or in column (j). Explain in a foills rendered to the purchathrough (k) must be subtotale. The "Subtotal - RQ" am - Non-RQ" amount in column	act and service from design any accounting adjustments adjustment. Ithem starting at line number in any order. Enter "Subto Report subtotals and total Tariff Number. On separal involving demand charges arage monthly non-coincide anter NA in columns (d), (e) nonth. Monthly CP demand monthly peak. Demand regand explain. In bills rendered to the purchages in column (i), and the trootnote all components of ser. It is also asset on the RQ/Non-latin column (g) must be mun (g) must be mun (g) must be reported as	ated units of Less than one or true-ups" for service prone. After listing all RQ sotal-Non-RQ" in column (a) for columns (9) through (k) te Lines, List all FERC rates imposed on a monthly (or and (f). Monthly NCP demand in the term of the metered demand duported in columns (e) and (maser. total of any other types of cotten amount shown in columns (e) grouping (see instructions reported as Requirements and con-Requirements Sales	e year. Describe the naturovided in prior reporting sales, enter "Subtotal - Reafter this Listing. Enter of the schedules or tariffs und Longer) basis, enter the column (e), and the average and is the maximum uring the hour (60-minute of the following the foll	er eage (k)
MegaWatt Hours		REVENUE		T-+-1 (@)	Line
Sold	Demand Charges	Energy Charges	Other Charges (\$)	Total (\$) (h+i+j)	No.
(g)	(\$) (h)	(\$) (i)	(a) (j)	(k)	
			3,		1
50		10,438		10,438	2
840		40,145		40,145	3
24,732		1,189,350		1,189,350	4
		-16,530		-16,530	5
20,450		1,137,075		1,137,075	6
2,534		94,051		94,051	7
6,935		376,770		376,770	8
1,800		84,200		84,200	9
7,150		364,050		364,050	1
18,327		1,028,918		1,028,918	11
2,827		178,931		178,931	12
			-1,278	-1,278	
			-2,103	-2,103	14
8,052,479	293,753,428	192,931,673	0	486,685,101	
1,818,789	-4,902,691	72,898,253	380,209	68,375,771	
9,871,268	288,850,737	265,829,926	380,209	555,060,872	

SALES FOR RESALE (Account 447) (Continued)

Date of Report (Mo, Da, Yr)

04/12/2018

Year/Period of Report

End of

2017/Q4

Name of Respondent

he total charge shown on bills rend  D. The data in column (g) through (he Last -line of the schedule. The lot, line 23. The "Subtotal - Non-Rough" (not) in 24.  D. Footnote entries as required an	nn (h), energy char n (j). Explain in a f ered to the purcha k) must be subtota "Subtotal - RQ" am Q" amount in colu	monthly peak. Demand re and explain. In bills rendered to the purchages in column (i), and the footnote all components of ser. Illed based on the RQ/Non-nount in column (g) must be mn (g) must be reported as	is the metered demand duported in columns (e) and oneser.  total of any other types of othe amount shown in columns.  RQ grouping (see instruction reported as Requirements and requirements Sales)	charges, including nn (j). Report in column on 4), and then totaled on Sales For Resale on Pa	(k)
MagaWatt Hours		REVENUE			Lino
MegaWatt Hours Sold Der	mand Charges	Energy Charges	Other Charges	Total (\$) (h+i+j)	Line No.
00.0	(\$) (h)	(\$) (i)	(\$)	(k)	
(g)	(11)	(1)	(j) -186	(K) -186	1
			-59	-59	
			-59	-53	3
			700	700	
			-760	-760	
			-1,551	-1,551	
			-3	-3	
140			-93	-93	
			-54	-54	
					9
			-5,115	-5,115	
			-6,739	-6,739	
			-2,091	-2,091	12
			-8	-8	
			-1,135	-1,135	14
8,052,479	293,753,428	192,931,673	0	486,685,101	
1,818,789	-4,902,691	72,898,253	380,209	68,375,771	
9,871,268	288,850,737	265,829,926	380,209	555,060,872	

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)

04/12/2018

Year/Period of Report

End of

2017/Q4

Name of Respondent

Name of Respondent			Report Is:	Date of Report	Year/Period of Report	
Duke Energy Carolinas, LLC		(1) (2)	X An Original A Resubmission	(Mo, Da, Yr) 04/12/2018	End of2017/Q4	
	SA	LES F	OR RESALE (Account 447) (0	Continued)		
OS - for other service. use non-firm service regardless of the service in a footnote. AD - for Out-of-period adjus years. Provide an explanat 4. Group requirements RQ in column (a). The remainir "Total" in column (a) as the 5. In Column (c), identify the which service, as identified 6. For requirements RQ sa average monthly billing dem monthly coincident peak (C) demand in column (f). For a metered hourly (60-minute integration) in which the sup Footnote any demand not s 7. Report in column (g) the 8. Report demand charges out-of-period adjustments, i the total charge shown on b 9. The data in column (g) the Last -line of the schedul 401, line 23. The "Subtotal 401, line 24.	stment. Use this code ion in a footnote for easales together and repays ales may then be I Last Line of the schedu in column (b), is provides and any type of-senand in column (d), the P) all other types of servicintegration) demand in oplier's system reachestated on a megawatt be megawatt hours show in column (j). Explain io ills rendered to the pubrough (k) must be sulte. The "Subtotal - RC	for an ach add oort the isted if dule. If ded. If the ach a modern a modern a modern a for charger and a for chaspototale."	et and service from designation of the process of t	ted units of Less than one or "true-ups" for service prone. After listing all RQ sal-Non-RQ" in column (a) or columns (9) through (k) the Lines, List all FERC rate mposed on a monthly (or t peak (NCP) demand in columns (e) and (f). Monthly NCP demand in columns (e) and (f) are the metered demand duorted in columns (e) and (f) are amount shown in columns (f) grouping (see instruction of the ported as Requirements on the service of the ser	eyear. Describe the natural evolution of the proof of the	er eage (k)
10. Footnote entries as req	uired and provide exp	lanatio	ons following all required da	ata.		
MegaWatt Hours			REVENUE		Total (\$)	Line
Sold	Demand Charges		Energy Charges (\$)	Other Charges (\$)	(h+i+j)	No.
(g)	(\$) (h)		(Ψ) (i)	(i)	(k)	
				-2,322	-2,322	1
				-89	-89	2
1,527,800			48,644,492		48,644,492	3
1,733			-49,145		-49,145	4
183			13,590		13,590	5
						6
						7
						8
						9
						10
						11
						12
		$\neg$				13
						14
8,052,479	293,753,4	28	192,931,673	0	486,685,101	
1,818,789	-4,902,6	91	72,898,253	380,209	68,375,771	
9,871,268	288,850,7	37	265,829,926	380,209	555,060,872	

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	04/12/2018	2017/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.: 13 Column: j

Represents credits for penalties collected for Generation imbalances 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.: 4 Column: i

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

Schedule Page: 310.5 Line No.: 5 Column: j

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Schedule Page: 310.5 Line No.: 6 Column: j

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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.: 10 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

**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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

## Schedule Page: 310.6 Line No.: 2 Column: j

Represents credits for penalties collected for Generation imbalances pursuant to the Open Access Transmission Tariff.

## Schedule Page: 310.6 Line No.: 3 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.: 4 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.: 5 Column: i

Represents intercompany sales pursuant to the VACAR agreement

	e of Respondent		Report Is: X]An Original	Date of Report (Mo, Da, Yr)		ear/Period of Report nd of 2017/Q4
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018		2017/4
If the	amount for previous year is not derived fron		DPERATION AND MAINTEN OUSIV reported figures, ext			
Line	Account		, , , , , , , , , , , , , , , , , , ,	Amount for Current Year		Amount for Previous Year
No.	(a)			(b)		(C)
	1. POWER PRODUCTION EXPENSES					
	A. Steam Power Generation Operation					
<u></u>	(500) Operation Supervision and Engineering			14,817	549	17,295,745
5				864,621		861,230,298
6	(502) Steam Expenses			54,242	,002	54,304,824
7	(503) Steam from Other Sources				-05	
8 9				7,400	-65 350	7,521,429
10	(506) Miscellaneous Steam Power Expenses			18,183		22,704,887
11	(507) Rents			•		
12	(509) Allowances			13,640	<u> </u>	13,560,969
	, , , , , , , , , , , , , , , , , , , ,	)		972,905	,497	976,618,152
14 15	(510) Maintenance Supervision and Engineering			13,394	902	14,106,983
	1			5,486	-	11,634,673
17	(512) Maintenance of Boiler Plant			43,658	,585	47,947,972
18	(513) Maintenance of Electric Plant			29,813		28,673,443
	,			6,657 99,011		4,359,705 106,722,776
	,		Tot lines 13 & 20)	1,071,916		1,083,340,928
	B. Nuclear Power Generation	o. ( <u>_</u>	100 100 10 01 20)	.,0,00	,, ,,	1,000,010,000
23	Operation					
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			36,307		42,426,059
25 26	(518) Fuel (519) Coolants and Water			308,365 8,884		294,289,658 9,412,855
27	(520) Steam Expenses			49,123		54,191,543
28	(521) Steam from Other Sources			.0,.20	,,,,,,	0 1, 10 1,0 10
29	(Less) (522) Steam Transferred-Cr.					
30	, ,			21,303		21,403,012
31	(524) Miscellaneous Nuclear Power Expenses (525) Rents			182,739	,652	195,974,619
	TOTAL Operation (Enter Total of lines 24 thru 32	')		606,723	855	617,697,746
	Maintenance	·/		333,123	,000	011,001,110
35	(528) Maintenance Supervision and Engineering			73,266	,249	80,760,772
	(529) Maintenance of Structures			12,537		15,462,151
	(530) Maintenance of Reactor Plant Equipment (531) Maintenance of Electric Plant			86,762 57,836		100,785,997 68,365,994
	(532) Maintenance of Miscellaneous Nuclear Plan	nt		45,930		46,920,650
	TOTAL Maintenance (Enter Total of lines 35 thru			276,333		312,295,564
	TOTAL Power Production Expenses-Nuc. Power	(Entr to	t lines 33 & 40)	883,057	,628	929,993,310
	C. Hydraulic Power Generation					
	Operation (535) Operation Supervision and Engineering			7,652	327	7,775,296
	(536) Water for Power			7,002	,021	1,110,200
	(537) Hydraulic Expenses			-830	),335	-393,973
	(538) Electric Expenses			5,613		4,981,931
	(539) Miscellaneous Hydraulic Power Generation	Expens	ses	8,951	,738	8,459,044
	(540) Rents TOTAL Operation (Enter Total of Lines 44 thru 49)	9)		21,386	941	20,822,298
	C. Hydraulic Power Generation (Continued)	<i>.</i>		21,000	,041	20,022,200
52	Maintenance					
	, ,			2,614		2,646,565
	,	4		1,270		2,360,326
	(543) Maintenance of Reservoirs, Dams, and Wa (544) Maintenance of Electric Plant	iterways		3,553 6,721		3,913,813 7,055,932
	(545) Maintenance of Miscellaneous Hydraulic Pl	ant		3,941		4,489,779
	TOTAL Maintenance (Enter Total of lines 53 thru			18,101		20,466,415
59	TOTAL Power Production Expenses-Hydraulic Po	ower (to	t of lines 50 & 58)	39,488	,412	41,288,713

Name	e of Respondent	This Report Is: (1) X An Ori	ainal	Date of Report (Mo, Da, Yr)	Year/Period of Report
Duke	e Energy Carolinas, LLC		ubmission	04/12/2018	End of2017/Q4
	FLECTRIC	` ·		XPENSES (Continued)	
f the	amount for previous year is not derived from			·	
ine	Account	T PICVIOUSIY ICP	orted ligures, expla		Amount for
No.				Amount for Current Year	Amount for Previous Year
	(a)			(b)	(c)
	D. Other Power Generation				
	Operation			F 241	000 5 772 207
	(546) Operation Supervision and Engineering (547) Fuel			5,341,	
63 64				299,835, 1.653.	
65	(549) Miscellaneous Other Power Generation Exp	noneoe		10,651,	, ,
66	(550) Rents	penses			910 -92,924
	,	١		317,448,	
	Maintenance	)		517,440,	322,313,011
				3,451,	402 2,309,143
70				7,142,	
71	(553) Maintenance of Generating and Electric Pla	ant		7,437,	
72	(554) Maintenance of Miscellaneous Other Powe		nt	5,419,	
	TOTAL Maintenance (Enter Total of lines 69 thru			23,451,	· · · · · · · · · · · · · · · · · · ·
	TOTAL Power Production Expenses-Other Powe		& 73)	340,899,	
	E. Other Power Supply Expenses	(2.1.0. 10.0.0.	G. 7.5)	0.0,000,	
	(555) Purchased Power			348,770,	283 333,120,270
	(556) System Control and Load Dispatching				922 83,913
	(557) Other Expenses			198,416,	· · · · · · · · · · · · · · · · · · ·
	TOTAL Other Power Supply Exp (Enter Total of li	ines 76 thru 78)		547,194,	, ,
	TOTAL Power Production Expenses (Total of line		§ 79)	2,882,557,	
	2. TRANSMISSION EXPENSES			_,,	_,,
82					
83	(560) Operation Supervision and Engineering			10,	256 -7,346
84				,	,
85	(561.1) Load Dispatch-Reliability			1,245,	799 1,044,569
86		smission System		8,471,	596 9,694,695
87	(561.3) Load Dispatch-Transmission Service and			811,	724 788,004
88	(561.4) Scheduling, System Control and Dispatch	n Services		1,	614 2,992
89	(561.5) Reliability, Planning and Standards Devel			231,	
90	(561.6) Transmission Service Studies	•		22,	370 5,831
91	(561.7) Generation Interconnection Studies			-37,	269 118,737
92	(561.8) Reliability, Planning and Standards Devel	lopment Services			
93	(562) Station Expenses			1,692,	699 2,323,295
94	(563) Overhead Lines Expenses			1,068,	110 952,854
95	(564) Underground Lines Expenses				
96	(565) Transmission of Electricity by Others			2,637,	455 4,530,988
97	(566) Miscellaneous Transmission Expenses			10,875,	479 8,179,748
98	(567) Rents			68,	458 132,588
99	TOTAL Operation (Enter Total of lines 83 thru 98	3)		27,099,	901 28,004,174
	Maintenance				
101	(568) Maintenance Supervision and Engineering				7,607
102	7			152,	
	(569.1) Maintenance of Computer Hardware			221,	
	(569.2) Maintenance of Computer Software			2,129,	
	(569.3) Maintenance of Communication Equipme			23,	389 38,060
	(569.4) Maintenance of Miscellaneous Regional 7	ransmission Plar	nt		
107	(570) Maintenance of Station Equipment			7,865,	
	(571) Maintenance of Overhead Lines			15,857,	
	(572) Maintenance of Underground Lines	- Di		·	622 -3,315
	(573) Maintenance of Miscellaneous Transmissio			·	870 26,539
	TOTAL Maintenance (Total of lines 101 thru 110)			26,274,	
112	TOTAL Transmission Expenses (Total of lines 99	and 111)		53,374,	309 57,316,736
					· ·

Name	e of Respondent	This				Date of Report		Year/Period of Report
Duke	Energy Carolinas, LLC	(1)		An Original A Resubmission		(Mo, Da, Yr) 04/12/2018		End of <u>2017/Q4</u>
	EI ECTRIC	` ,		N AND MAINTENANCE			<u> </u>	
If the						, , , , , , , , , , , , , , , , , , , ,		
Line	amount for previous year is not derived from Account	pievi	iousi	y reported figures, exp	μιαι			Amount for
No.						Amount for Current Year		Amount for Previous Year
	(a)					(b)		(c)
	3. REGIONAL MARKET EXPENSES							
	Operation (575.4) Operation							
	(575.1) Operation Supervision							
	(575.2) Day-Ahead and Real-Time Market Facility	ation						
	(575.3) Transmission Rights Market Facilitation							
	(575.4) Capacity Market Facilitation							
	(575.5) Ancillary Services Market Facilitation							
	(575.6) Market Monitoring and Compliance (575.7) Market Facilitation, Monitoring and Comp	lianaa	Cond	1000				
	(575.8) Rents	liance	Serv	ces				
	Total Operation (Lines 115 thru 122)							
	Maintenance							
	(576.1) Maintenance of Structures and Improvem	onte						
	(576.2) Maintenance of Computer Hardware	CIIIO						
	(576.3) Maintenance of Computer National (576.3) Maintenance of Computer Software							
	(576.4) Maintenance of Communication Equipme	nt						
	(576.5) Maintenance of Miscellaneous Market Op		n Pla	nt				
	Total Maintenance (Lines 125 thru 129)	cration						
	TOTAL Regional Transmission and Market Op Ex	nns (T	Total	123 and 130)				
	4. DISTRIBUTION EXPENSES	τριίο (1	Total	120 and 100)				
	Operation Operation							
	(580) Operation Supervision and Engineering					667.	947	982,737
	(581) Load Dispatching					7,315	_	8,618,763
	(582) Station Expenses					1,711		1,995,917
	(583) Overhead Line Expenses					3,269		2,686,618
	(584) Underground Line Expenses					11,119		10,949,320
	(585) Street Lighting and Signal System Expense	es				1,168	,723	1,029,885
	(586) Meter Expenses					16,022	,534	9,439,732
141	(587) Customer Installations Expenses					7,449	,234	11,063,689
	(588) Miscellaneous Expenses					45,397	,509	43,050,259
	(589) Rents					252	,043	170,934
144	TOTAL Operation (Enter Total of lines 134 thru 1	43)				94,374	,750	89,987,854
145	Maintenance							
146	(590) Maintenance Supervision and Engineering					272,	,276	239,167
147	(591) Maintenance of Structures							463
148	(592) Maintenance of Station Equipment					3,701		3,937,870
	(593) Maintenance of Overhead Lines					152,481	,665	156,188,739
150	(594) Maintenance of Underground Lines					8,920	,262	5,298,182
151	(595) Maintenance of Line Transformers					1,866	,435	2,082,975
152	(596) Maintenance of Street Lighting and Signal S	System	ns			5,111	,083	4,066,976
	(597) Maintenance of Meters					2,549		2,513,820
	(598) Maintenance of Miscellaneous Distribution					6,912		6,443,881
	TOTAL Maintenance (Total of lines 146 thru 154)				<u> </u>	181,814		180,772,073
	TOTAL Distribution Expenses (Total of lines 144	and 15	55)			276,188	,944	270,759,927
	5. CUSTOMER ACCOUNTS EXPENSES							
	Operation							
	(901) Supervision						,348	383,643
	(902) Meter Reading Expenses					3,650		3,840,527
	(903) Customer Records and Collection Expense	S				68,063		66,250,226
	(904) Uncollectible Accounts					11,758		12,554,370
	(905) Miscellaneous Customer Accounts Expense TOTAL Customer Accounts Expenses (Total of li		· 0 4 h	. 400)		367, 84,236,		477,636 83,506,402
	·			,				

Name	ame of Respondent This Report Is: (1) X An Original				Date of Report (Mo, Da, Yr)  Year/Period of Report 2017/04			
Duke	Energy Carolinas, LLC	(1)		An Original A Resubmission		(Mo, Da, Yr) 04/12/2018		End of
	EI ECTDIC	` ′		ON AND MAINTENANCE	FFY			
If the	amount for previous year is not derived fron							
Line	Account	i piev	iousi	y reported figures, ex	Гріан			Amount for
No.						Amount for Current Year		Amount for Previous Year
	(a)					(b)		(c)
	6. CUSTOMER SERVICE AND INFORMATIONA	L EXP	PENS	ES				
	Operation							
	(907) Supervision				_			
	(908) Customer Assistance Expenses				_		320	1,925
	(909) Informational and Instructional Expenses				-		,180	193,698
	(910) Miscellaneous Customer Service and Inform					20,614	_	20,414,171
	TOTAL Customer Service and Information Exper	ises (T	otal 1	167 thru 170)		20,720	,498	20,609,794
	7. SALES EXPENSES							
	Operation							
	(911) Supervision				-		267	
	(912) Demonstrating and Selling Expenses				-	10,789		9,509,762
	(913) Advertising Expenses					793	,089	844,907
	(916) Miscellaneous Sales Expenses				-			
	TOTAL Sales Expenses (Enter Total of lines 174		177)			11,583	,023	10,354,669
	8. ADMINISTRATIVE AND GENERAL EXPENSE	S						
	Operation							
	(920) Administrative and General Salaries					123,190	$\overline{}$	178,166,476
	(921) Office Supplies and Expenses					80,674	,709	74,651,424
183	(Less) (922) Administrative Expenses Transferre	d-Cred	lit			40,066	_	45,576,833
184	(923) Outside Services Employed					75,094	,166	68,015,112
185	(924) Property Insurance					10,862	,755	19,725,087
186	(925) Injuries and Damages					27,990	,183	46,034,933
187	(926) Employee Pensions and Benefits					130,547	,563	141,456,621
188	(927) Franchise Requirements							
189	(928) Regulatory Commission Expenses					11,375	,477	12,084,698
190	(929) (Less) Duplicate Charges-Cr.					31,140	,037	26,136,284
191	(930.1) General Advertising Expenses					5,439	,844	3,532,922
192	(930.2) Miscellaneous General Expenses					-29,328	,249	-34,884,222
193	(931) Rents					47,215	.358	51,520,771
	TOTAL Operation (Enter Total of lines 181 thru	193)				411,855		488,590,705
	Maintenance	/				,	,	
	(935) Maintenance of General Plant					2,287	.672	2,504,832
	TOTAL Administrative & General Expenses (Total	al of lin	es 19	94 and 196)		414,143		491,095,537
	TOTAL Elec Op and Maint Expns (Total 80,112,1					3,742,803	,	3,824,485,886
	,	- , -	-, -	, , -, - ,		-, ,	,	
					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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

## Schedule Page: 320 Line No.: 5 Column: b

Total fuel costs include accounts 0501007, 0501008 and 0501009 for Coal Ash Beneficial Reuse in the amount of \$91,942,445.

## Schedule Page: 320 Line No.: 12 Column: b

This includes \$13,635,107 for renewable energy credits consumption expense represented in account 0509213. It also includes \$5,450 of Emission Allowances in account 0509000 as reported on page 228a.

## Schedule Page: 320 Line No.: 63 Column: b

Total fuel costs include Biogas accounts 0547106 and 0547107 in the amount of \$591,816.

Also includes \$11,387,785 that represents the amount Duke Energy Carolinas owes Piedmont Natural Gas, which was acquired by Duke Energy on 10/3/2016, an affiliate of Duke Energy Carolinas.

## 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.

t all power purchases made during the d credits for energy, capacity, etc.) and the name of the seller or other party in s. Explain in a footnote any ownership umn (b), enter a Statistical Classification requirements service. Requirements service in as, or second only to, the supplier's service may be reasons and is intended to remain recombinating parties to maintain deliveries sets the definition of RQ service. For a set the earliest date that either buyer or termediate-term firm service. The san years.  Short-term service. Use this category fess.  Sing-term service from a designated general service from a de	PURCE (In PURCE) (IN PURCE) (In PURCE) (IN P	ements for imbalan- inge transaction in or inge transaction in or inge transaction in or inge transaction in or inge transaction in or inge transaction in or ingered which the su ingered envire planning is own ultimate consistents or longer and " ingered and " ingered envire cor ingered envired envired envired expect that " ingered envired envired envired expect that " ingered envired envired envired envired expect that " ingered envired envired envired envired expect that " ingered envired  s of electricity (i.e., to ced exchanges. column (a). Do not a condent has with the contractual terms a pplier plans to provid. In addition, the resumers.  In addition, the resumers and the sumers and the sumers are the sumers and the sumers are the sumers are the sumers.  Intermediate term and the sumer are the sumer and the sumer are the sumer are the sumer are the sumer are the sumer are the sumer are the sumer are the sumer are the sumer are the sum are	ransactions involvable ransactions involvable ransactions involvable ransactions of ade on an ongoing eliability of requirative cannot be impossible ransaction for long-term firm the the termination means longer that ariod of commitments onger. The availanging and the ransaction ranger in the ransaction of commitments of the ranger ranger.	the service as follows: g basis (i.e., the rement service must be rement service must be rement to buy emergency in service firm service in date of the contract in one year but less rent for service is one	
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Name of Company or Public Authority	Statistical	FERC Rate	Average	Actua	al Demand (MW)
(Footnote Affiliations)	Classifi-	Schedule or	Monthly Billing	Average	Average
(a)	cation (b)	Tariff Number (c)	Demand (MW) (d)	(e)	mand Monthly CP Demand (f)
DIXON 74 SOLAR I, LLC	LU	(1)	( )		( )
IVE CONCEPTS LLC	LU	(1)			
REAL ESTATE HOLDINGS LLC	LU	(1)			
MANCE HYDRO, LLC	LU	(1)			
-STATES MEDICAL SUPPLY INC.	LU	(1)			
ETHYST SOLAR , LLC	LU	(1)			
REWS TRUSS,INC	LU	(1)			
GEL SOLAR , LLC	LU	(1)			
U.E. DATA CENTED DVO	IU	(1)			
LE DATA CENTER PV2	LU	(1)			
LE FUEL CELL FACILITY	AD	(1)			
	LU	(1)			
LE FUEL CELL FACILITY	111	(1)			
LE FUEL CELL FACILITY LE FUEL CELL FACILITY					
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LE FUEL CELL FACILITY LE FUEL CELL FACILITY LE INC CLAREMONT PV3					
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Duke	e of Respondent	This Re	An Original	Date of R (Mo, Da,		Year/P	001-101
	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/20		End of	2017/Q4
		PURC	HASED POWER (Acco	ount 555) es)	•		
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No.	(Footnote Affiliations) (a)	cation	Tariff Number			200	· ,
	(ω)	(h)		Demand (MW)	Monthly NC		Average Monthly CP Demand
1 1	APPLE PV1	(b) LU	(c)			P Demand	Average
		(b) LU AD	(c)	Demand (MW)	Monthly NC	P Demand	Average Monthly CP Demand
2	APPLE PV1	LU	(c) (1) (1)	Demand (MW)	Monthly NC	P Demand	Average Monthly CP Demand
3	APPLE PV1 Aquenergy - Piedmont Hydro	LU AD LU	(c) (1) (1) (1)	Demand (MW)	Monthly NC	P Demand	Average Monthly CP Demand
2 3 4	APPLE PV1 Aquenergy - Piedmont Hydro Aquenergy - Ware Shoals Hydro	AD LU LU	(c) (1) (1) (1) (1)	Demand (MW)	Monthly NC	P Demand	Average Monthly CP Demand
2 3 4 5	APPLE PV1 Aquenergy - Piedmont Hydro Aquenergy - Ware Shoals Hydro ARARAT ROCK SOLAR, LLC	AD LU LU LU	(c) (1) (1) (1) (1) (1) (1)	Demand (MW)	Monthly NC	P Demand	Average Monthly CP Demand
2 3 4 5 6	APPLE PV1 Aquenergy - Piedmont Hydro Aquenergy - Ware Shoals Hydro ARARAT ROCK SOLAR, LLC ARCADIA COMMUNITY SOLAR, LLC	AD LU LU	(c) (1) (1) (1) (1) (1) (1) (1)	Demand (MW)	Monthly NC	P Demand	Average Monthly CP Demand
2 3 4 5 6 7	APPLE PV1 Aquenergy - Piedmont Hydro Aquenergy - Ware Shoals Hydro ARARAT ROCK SOLAR, LLC ARCADIA COMMUNITY SOLAR, LLC ARNDT FARM LLC	LU AD LU LU LU LU	(c) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Demand (MW)	Monthly NC	P Demand	Average Monthly CP Demand
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Name	e 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	04/12/2018	End of 2017/Q4
		PURC (In		55)	
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Duke	Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of2017/Q4
		PUR	CHASED POWER (Account including power exchanges)	555)	-
debit 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 column (b), enter a Statistical Classification	year. Al any sett an excha interest o	so report exchanges of ellements for imbalanced einge transaction in columor affiliation the responder	ectricity (i.e., transaction xchanges. n (a). Do not abbreviate nt has with the seller.	or truncate the name or use
supp	for requirements service. Requirements service includes projects load for this service in ame as, or second only to, the supplier's service.	its syste	m resource planning). In	addition, the reliability of	
econ ener whic	for long-term firm service. "Long-term" mea omic reasons and is intended to remain reli gy from third parties to maintain deliveries on meets the definition of RQ service. For all ed as the earliest date that either buyer or s	able eve of LF serv I transac	n under adverse condition ice). This category shou ion identified as LF, prov	is (e.g., the supplier mu d not be used for long-to de in a footnote the terr	st attempt to buy emergency erm firm service firm service
	or intermediate-term firm service. The sam five years.	e as LF s	ervice expect that "intern	nediate-term" means lon	ger than one year but less
	for short-term service. Use this category fo or less.	r all firm	services, where the dura	ion of each period of co	mmitment for service is one
	for long-term service from a designated ger ce, aside from transmission constraints, mu				
	or intermediate-term service from a designate than one year but less than five years.	ated gene	erating unit. The same as	LU service expect that	"intermediate-term" means
long	st than one year but lose than live years.				
	For exchanges of electricity. Use this cated		ansactions involving a ba	lancing of debits and cr	edits for energy, capacity, etc.
and	any settlements for imbalanced exchanges.				
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Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/201		End of	2017/Q4
		PURC	HASED POWER (Account scluding power exchanges)	555)			
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 in column (b), enter a Statistical Classification	year. Als d any settl an excha interest o	oreport exchanges of elements for imbalanced en ements for imbalanced en nge transaction in columi r affiliation the responder	ectricity (i.e., to cchanges. n (a). Do not a t has with the	abbreviate o seller.	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	n its syster	m resource planning). In	addition, the r			
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 first as the earliest date that either buyer or	iable ever of LF servi Il transact	n under adverse condition ice). This category shoul ion identified as LF, provi	s (e.g., the su d not be used de in a footno	pplier must for long-teri	attempt to m firm serv	buy emergency vice firm service
	or intermediate-term firm service. The sam five years.	ne as LF s	ervice expect that "interm	ediate-term" r	neans longe	er than one	e year but less
	for short-term service. Use this category for less.	or all firm s	services, where the durat	on of each pe	riod of comi	mitment fo	r service is one
	for long-term service from a designated ge ice, aside from transmission constraints, mu						and reliability of
1	for intermediate-term service from a designer than one year but less than five years.	ated gene	rating unit. The same as	LU service ex	pect that "ir	ntermediat	e-term" means
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and	any settlements for imbalanced exchanges.		_	-			
and OS - non-	any settlements for imbalanced exchanges for other service. Use this category only for service regardless of the Length of the	or those se	ervices which cannot be p	laced in the a	bove-define	ed categori	es, such as all
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	For exchanges of electricity. Use this cate		ansactions involving a b	alancing of deb	oits and cred	dits for ene	ergy, capacity, etc.
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Nam	e of Respondent	This Re	port is: []An Original	Date of R (Mo, Da,			Period of Report
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/20 <sup>-</sup>		End of	2017/Q4
		PURC	HASED POWER (Account cluding power exchanges)	555)		ļ.	
debi 2. E acro	eport all power purchases made during the is 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	so report exchanges of e ements for imbalanced e nge transaction in colum r affiliation the responde	ectricity (i.e., t xchanges. n (a). Do not a nt has with the	abbreviate o seller.	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 se	ı its syster	n resource planning). In	addition, the r			
ecor ener whic	for long-term firm service. "Long-term" mean nomic reasons and is intended to remain reli- gy from third parties to maintain deliveries of the meets the definition of RQ service. For all the earliest date that either buyer or se	iable ever of LF serv II transact	n under adverse condition ice). This category shou ion identified as LF, prov	ns (e.g., the su d not be used ide 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.	ne as LF s	ervice expect that "intern	nediate-term" ı	means longe	er than one	e year but less
	for short-term service. Use this category for less.	or all firm s	services, where the dura	ion of each pe	eriod of com	mitment fo	r service is one
	for long-term service from a designated gerice, aside from transmission constraints, mu						and reliability of
1	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 ex	xpect that "ir	ntermediat	e-term" means
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	For exchanges of electricity. Use this cate		ansactions involving a ba	lancing of deb	oits and cred	dits for ene	ergy, capacity, etc.
	For exchanges of electricity. Use this category settlements for imbalanced exchanges.		ansactions involving a ba	lancing of deb	oits and cred	dits for ene	ergy, capacity, etc.
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and OS - non-	any settlements for imbalanced exchanges.  for other service. Use this category only for service regardless of the Length of the	or those se	ervices which cannot be	placed in the a	bove-define	ed categori	es, such as all
and OS - non-	any settlements for imbalanced exchanges.  for other service. Use this category only for	or those se	ervices which cannot be	placed in the a	bove-define	ed categori	es, such as all
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debit 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 column (b), enter a Statistical Classification	year. Als any sett an excha interest c	so report exchanges lements for imbalanc inge transaction in co or affiliation the respo	of electricity (i.e., t ed exchanges. olumn (a). Do not a ndent has with the	abbreviate o	r truncate	the name or use
supp	for requirements service. Requirements service in lier includes projects load for this service in ame as, or second only to, the supplier's service.	its syste	m resource planning)	. In addition, the r			
econ ener whic	for long-term firm service. "Long-term" mea omic reasons and is intended to remain reli gy from third parties to maintain deliveries o n meets the definition of RQ service. For al ed as the earliest date that either buyer or s	able ever of LF serv I transact	n under adverse condice). This category signification identified as LF,	ditions (e.g., the su should not be used provide in a footno	ıpplier must for long-teri	attempt to m firm serv	buy emergency vice firm service
	or intermediate-term firm service. The same five years.	e as LF s	ervice expect that "ir	ntermediate-term" ı	means longe	er than one	e year but less
	for short-term service. Use this category fo or less.	r all firm	services, where the c	luration of each pe	eriod of com	mitment fo	r service is one
	for long-term service from a designated ger ce, aside from transmission constraints, mu						and reliability of
	or intermediate-term service from a designate than one year but less than five years.	ated gene	erating unit. The sam	ne as LU service e	xpect that "ir	ntermediat	e-term" means
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EX -	For exchanges of electricity. Use this categories	porv for tr	aneactions involving	a halancing of dol	site and erec	lita far ana	
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debit 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	e year. Als d any settl an excha interest o	o report exchanges of ements for imbalanced nge transaction in colur raffiliation the responde	electricity (i.e., to exchanges. nn (a). Do not a ent has with the	abbreviate or tro seller.	uncate 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). I	addition, the r		
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 h meets the definition of RQ service. For a ned as the earliest date that either buyer or	liable ever of LF servi Ill transact	under adverse condition ce). This category show on identified as LF, pro	ons (e.g., the su uld not be used vide in a footno	pplier must atte for long-term fi	empt to buy emergency rm service firm service
1	for intermediate-term firm service. The sam five years.	ne as LF s	ervice expect that "inter	mediate-term" r	neans longer th	nan one year but less
1	for short-term service. Use this category for less.	or all firm s	services, where the dura	ition of each pe	riod of commitr	ment for service is one
1	for long-term service from a designated geice, aside from transmission constraints, m	•	•	•	•	ilability and reliability of
	for intermediate-term service from a design er than one year but less than five years.	ated gene	rating unit. The same a	s LU service ex	spect that "inter	mediate-term" means
	For exchanges of electricity. Use this cate		ansactions involving a b	alancing of deb	its and credits	for energy, capacity, etc.
and	any settlements for imbalanced exchanges					
	for other service. Use this category only for			•		•
	firm service regardless of the Length of the		and service from design	ated units of Le	ss than one ye	ar. Describe the nature
OI III	e service in a footnote for each adjustment		EEDO D-4-	A	1 400	
Line	Name of Company or Public Authority (Footnote Affiliations)	Statistical Classifi-	FERC Rate Schedule or	Average	I Act	1.0000
No.		4!	Tariff Number	Monthly Billing		tual Demand (MW) Average
	` '	cation (b)		Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
1	(a)  DURHAM SOLAR , LLC	(b)	(c)		Average	Average
	(a)	(b)	(c)	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING	(b) LU	(c)	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
3	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES,LLC	(b) LU	(c) (1) (1)	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING	(b) LU LU	(c) (1) (1) (1)	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES,LLC ELLIANA SOLAR, LLC	(b) LU LU LU	(c) (1) (1) (1) (1)	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5 6	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES,LLC ELLIANA SOLAR, LLC ELON COMMUNITY SOLAR, LLC ELSEWHERE LIVING MUSEUM	(b) LU LU LU	(c) (1) (1) (1) (1) (1) (1)	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5 6 7	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES,LLC ELLIANA SOLAR, LLC ELON COMMUNITY SOLAR, LLC ELSEWHERE LIVING MUSEUM	(b) LU LU LU LU LU	(c) (1) (1) (1) (1)	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5 6 7 8	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES, LLC ELLIANA SOLAR, LLC ELON COMMUNITY SOLAR, LLC ELSEWHERE LIVING MUSEUM ERIC L GAYLORD ESTES EXPRESS LINES, INC	(b) LU LU LU LU LU LU LU	(c) (1) (1) (1) (1) (1) (1) (1)	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5 6 7 8	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES,LLC ELLIANA SOLAR, LLC ELON COMMUNITY SOLAR, LLC ELSEWHERE LIVING MUSEUM ERIC L GAYLORD ESTES EXPRESS LINES, INC	(b) LU LU LU LU LU LU LU LU LU	(c) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5 6 7 8 9	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES, LLC ELLIANA SOLAR, LLC ELON COMMUNITY SOLAR, LLC ELSEWHERE LIVING MUSEUM ERIC L GAYLORD ESTES EXPRESS LINES, INC FACILE SOLAR, LLC FISHER SOLAR FARM, LLC	(b) LU LU LU LU LU LU LU LU LU LU	(c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES,LLC ELLIANA SOLAR, LLC ELON COMMUNITY SOLAR, LLC ELSEWHERE LIVING MUSEUM ERIC L GAYLORD ESTES EXPRESS LINES, INC FACILE SOLAR, LLC FISHER SOLAR FARM, LLC FLASH SOLAR , LLC	(b) LU LU LU LU LU LU LU LU LU LU LU	(c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES,LLC ELLIANA SOLAR, LLC ELON COMMUNITY SOLAR, LLC ELSEWHERE LIVING MUSEUM ERIC L GAYLORD ESTES EXPRESS LINES, INC FACILE SOLAR, LLC FISHER SOLAR FARM, LLC FLASH SOLAR , LLC	(b) LU LU LU LU LU LU LU LU LU LU LU LU LU	(c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES, LLC ELLIANA SOLAR, LLC ELON COMMUNITY SOLAR, LLC ELSEWHERE LIVING MUSEUM ERIC L GAYLORD ESTES EXPRESS LINES, INC FACILE SOLAR, LLC FISHER SOLAR FARM, LLC FLASH SOLAR , LLC FLS OWNER II, LLC	(b) LU LU LU LU LU LU LU LU LU LU LU LU LU	(c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES, LLC ELLIANA SOLAR, LLC ELON COMMUNITY SOLAR, LLC ELSEWHERE LIVING MUSEUM ERIC L GAYLORD ESTES EXPRESS LINES, INC FACILE SOLAR, LLC FISHER SOLAR FARM, LLC FLASH SOLAR , LLC FLS OWNER II, LLC	(b) LU LU LU LU LU LU LU LU LU LU LU LU LU	(c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES, LLC ELLIANA SOLAR, LLC ELON COMMUNITY SOLAR, LLC ELSEWHERE LIVING MUSEUM ERIC L GAYLORD ESTES EXPRESS LINES, INC FACILE SOLAR, LLC FISHER SOLAR FARM, LLC FLASH SOLAR , LLC FLS OWNER II, LLC	(b) LU LU LU LU LU LU LU LU LU LU LU LU LU	(c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES, LLC ELLIANA SOLAR, LLC ELON COMMUNITY SOLAR, LLC ELSEWHERE LIVING MUSEUM ERIC L GAYLORD ESTES EXPRESS LINES, INC FACILE SOLAR, LLC FISHER SOLAR FARM, LLC FLASH SOLAR , LLC FLS OWNER II, LLC	(b) LU LU LU LU LU LU LU LU LU LU LU LU LU	(c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) DURHAM SOLAR , LLC EARNHARDT-CHILDRESS RACING TECHNOLOGIES, LLC ELLIANA SOLAR, LLC ELON COMMUNITY SOLAR, LLC ELSEWHERE LIVING MUSEUM ERIC L GAYLORD ESTES EXPRESS LINES, INC FACILE SOLAR, LLC FISHER SOLAR FARM, LLC FLASH SOLAR , LLC FLS OWNER II, LLC	(b) LU LU LU LU LU LU LU LU LU LU LU LU LU	(c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Demand (MW)	Average Monthly NCP	Average Demand Monthly CP Demand
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	e of Respondent		port Is: An Original	Date of R (Mo, Da,		Year/F	Period of Report
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/20 <sup>-</sup>		End of	2017/Q4
		PURC	HASED POWER (Accounce luding power exchanges)	555)			
debit 2. E acro	eport all power purchases made during the is and credits for energy, capacity, etc.) and inter the name of the seller or other party in nyms. Explain in a footnote any ownership is column (b), enter a Statistical Classification	year. Als d any settl an excha interest o	so report exchanges of ε ements for imbalanced ε nge transaction in colun r affiliation the responde	lectricity (i.e., texchanges. In (a). Do not a In 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 tame as, or second only to, the supplier's se	ı its syster	m resource planning). Ir	addition, the r			
econ ener whic	for long-term firm service. "Long-term" meaning reasons and is intended to remain religy from third parties to maintain deliveries on the meets the definition of RQ service. For a led as the earliest date that either buyer or service.	iable ever of LF servi II transact	n under adverse condition ice). This category should ion identified as LF, pro-	ns (e.g., the sull ald not be used vide 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.	ne as LF s	ervice expect that "inter	mediate-term" ı	means longe	er than one	e year but less
	for short-term service. Use this category for less.	or all firm s	services, where the dura	tion of each pe	eriod of com	mitment fo	or service is one
	for long-term service from a designated generate, aside from transmission constraints, mu						and reliability of
1	for intermediate-term service from a designate than one year but less than five years.	ated gene	rating unit. The same a	s LU service e	xpect that "ir	ntermediat	te-term" means
	For exchanges of electricity. Use this cate		ansactions involving a b	alancing of deb	oits and cred	lits for ene	ergy, capacity, etc.
	For exchanges of electricity. Use this cate any settlements for imbalanced exchanges.		ansactions involving a b	alancing of deb	oits and cred	lits for ene	ergy, capacity, etc.
and			_	_			
OS -	any settlements for imbalanced exchanges.  for other service. Use this category only for service regardless of the Length of the	or those se	ervices which cannot be	placed in the a	bove-define	ed categori	ies, such as all
OS -	any settlements for imbalanced exchanges.  for other service. Use this category only for	or those se	ervices which cannot be	placed in the a	bove-define	ed categor year. De	ies, such as all scribe the nature
OS - non- of the	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	ervices which cannot be and service from designate FERC Rate	placed in the a ated units of Le	bove-define	ed categori year. De Actual Der	ies, such as all scribe the nature mand (MW)
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	e of Respondent	This Re	An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report
Duke	e Energy Carolinas, LLC	(2)	An Onginal A Resubmission	04/12/2018	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.) an nter the name of the seller or other party in nyms. Explain in a footnote any ownership column (b), enter a Statistical Classification	e year. Als d any settle a 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
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 systen	n resource planning). In a	ddition, the reliability of i	
econ 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 h meets the definition of RQ service. For a led as the earliest date that either buyer or	liable even of LF servi all transacti	under adverse conditions ce). This category should on 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
	or intermediate-term firm service. The san five years.	ne as LF se	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	ervices, where the duration	on of each period of com	mitment for service is one
1	for long-term service from a designated gece, aside from transmission constraints, m	•	•		
1	for intermediate-term service from a desigr er than one year but less than five years.	nated gene	rating unit. The same as l	_U service expect that "i	ntermediate-term" means
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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.
	For exchanges of electricity. Use this cate any settlements for imbalanced exchanges		ansactions involving a bala	ancing of debits and cred	dits for energy, capacity, etc.
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OS -	any settlements for imbalanced exchanges for other service. Use this category only f firm service regardless of the Length of the	or those se contract a	ervices which cannot be pl and service from designate FERC Rate	aced in the above-defined units of Less than one	ed categories, such as all eyear. Describe the nature  Actual Demand (MW)
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	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/20		End of	2017/Q4
		PURC (In	= HASED POWER (Accou cluding power exchanges	nt 555)			
debit 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 n column (b), enter a Statistical Classification	year. Als d any settl an excha interest o	to report exchanges of ements for imbalanced nge transaction in colu r affiliation the respond	electricity (i.e., t exchanges. mn (a). Do not a ent has with the	abbreviate o	r 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 service.	n its syster	n resource planning).	n addition, the r			
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Line	Name of Company or Public Authority	Statistical Classifi-	FERC Rate				
No.			Schedule or	Average Monthly Billing	Aver		mand (MW)
	(Footnote Affiliations) (a)	cation (b)	Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Aver Monthly NO (e	age CP Demand	mand (MW)  Average  Monthly CP Demand  (f)
1	(a)	cation	Tariff Number	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
	(a)	cation (b)	Tariff Number (c)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC	cation (b) LU	Tariff Number (c)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC	cation (b) LU LU	Tariff Number (c) (1) (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC	cation (b) LU LU LU	Tariff Number (c) (1) (1) (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC	cation (b) LU LU LU	Tariff Number (c) (1) (1) (1) (1) (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC	cation (b)  LU  LU  LU  LU  LU	Tariff Number (c) (1) (1) (1) (1) (1) (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6 7	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC IRVINE RIVER COMPANY	cation (b)  LU  LU  LU  LU  LU  LU  LU	Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6 7	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC IRVINE RIVER COMPANY ITRON INC	cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6 7 8	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC INNOVATIVE SOLAR 26, LLC IRVINE RIVER COMPANY ITRON INC JACOB SOLAR LLC	cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6 7 8	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC IRVINE RIVER COMPANY ITRON INC JACOB SOLAR LLC Jafasa Farms Greenhouse	cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6 7 8 9	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC INNOVATIVE SOLAR 26, LLC IRVINE RIVER COMPANY ITRON INC JACOB SOLAR LLC Jafasa Farms Greenhouse Jafasa Farms Residence	cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6 7 8 9 10	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC INNOVATIVE SOLAR 26, LLC IRVINE RIVER COMPANY ITRON INC JACOB SOLAR LLC Jafasa Farms Greenhouse Jafasa Farms Residence JAMES EDWARD ROWELL JR	cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6 7 8 9 10 11	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC IRVINE RIVER COMPANY ITRON INC JACOB SOLAR LLC Jafasa Farms Greenhouse Jafasa Farms Residence JAMES EDWARD ROWELL JR JAMES J BOYLE	cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC IRVINE RIVER COMPANY ITRON INC JACOB SOLAR LLC Jafasa Farms Greenhouse Jafasa Farms Residence JAMES EDWARD ROWELL JR JAMES J BOYLE	cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC IRVINE RIVER COMPANY ITRON INC JACOB SOLAR LLC Jafasa Farms Greenhouse Jafasa Farms Residence JAMES EDWARD ROWELL JR JAMES J BOYLE	cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC IRVINE RIVER COMPANY ITRON INC JACOB SOLAR LLC Jafasa Farms Greenhouse Jafasa Farms Residence JAMES EDWARD ROWELL JR JAMES J BOYLE	cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC IRVINE RIVER COMPANY ITRON INC JACOB SOLAR LLC Jafasa Farms Greenhouse Jafasa Farms Residence JAMES EDWARD ROWELL JR JAMES J BOYLE	cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) INNOVATIVE SOLAR 14, LLC INNOVATIVE SOLAR 15, LLC INNOVATIVE SOLAR 16, LLC INNOVATIVE SOLAR 18, LLC INNOVATIVE SOLAR 23, LLC INNOVATIVE SOLAR 26, LLC IRVINE RIVER COMPANY ITRON INC JACOB SOLAR LLC Jafasa Farms Greenhouse Jafasa Farms Residence JAMES EDWARD ROWELL JR JAMES J BOYLE	cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	Average Monthly CP Demand

Nam	e of Respondent	This Re	eport Is: []An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of
		PURC	CHASED 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 Classification	year. Als I 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 thas with the seller.	or truncate the name or use
supp	for requirements service. Requirements service includes projects load for this service in same as, or second only to, the supplier's se	its syster	m resource planning). In a	addition, 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 the meets the definition of RQ service. For all as the earliest date that either buyer or service.	iable ever of LF serv II transact	n under adverse conditions 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 term	t attempt to buy emergency rm firm service firm service
	or intermediate-term firm service. The sam five years.	e as LF s	ervice expect that "intermo	ediate-term" means lonç	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 con	nmitment for service is one
	for long-term service from a designated gei ice, aside from transmission constraints, mu				
	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 '	intermediate-term" means
	For exchanges of electricity. Use this cate		ansactions involving a bal	ancing of debits and cre	edits for energy, capacity, etc.
and	any settlements for imbalanced exchanges.				
non-	for other service. Use this category only for firm service regardless of the Length of the	contract a			
or th	e service in a footnote for each adjustment.		I I		
Line	Name of Company or Public Authority	Statistical Classifi-	FERC Rate Schedule or M	Average Average Ave	Actual Demand (MW) erage Average
No.	(Footnote Affiliations) (a)	cation (b)		emand (MW) Monthly N	ICP Demand Monthly CP Demand (e) (f)
1	JARROD W BARTRON	LU	(1)		
2	JEFFERY LYNN PARDUE	LU	(1)		
3	JIM AND LINDA ALEXANDER	LU	(1)		
4	JOHN B ROBBINS	LU	(1)		
5	JOHN H. DILIBERTI	LU	(1)		
	[JOHN 11. DILIBLE TI	_0	( ' )		
6		LU	(1)		
6 7	JUBA ALUMINUM PRODUCTS I		1 1		
7	JUBA ALUMINUM PRODUCTS I COMPANY INC		1 1		
7	JUBA ALUMINUM PRODUCTS I COMPANY INC KAREN STURGIS I	LU	(1)		
7 8 9	JUBA ALUMINUM PRODUCTS  COMPANY INC  KAREN STURGIS  KENNETH A BOLLEN	LU	(1)		
7 8 9 10	JUBA ALUMINUM PRODUCTS  COMPANY INC  KAREN STURGIS  KENNETH A BOLLEN  KEVIN NEWELL	LU LU	(1) (1) (1)		
7 8 9 10	JUBA ALUMINUM PRODUCTS  COMPANY INC  KAREN STURGIS  KENNETH A BOLLEN  KEVIN NEWELL  KMBA, LLC	LU LU LU	(1) (1) (1) (1)		
7 8 9 10	JUBA ALUMINUM PRODUCTS  COMPANY INC  KAREN STURGIS  KENNETH A BOLLEN  KEVIN NEWELL  KMBA, LLC  LAFAYETTE SOLAR I, LLC	LU LU LU	(1) (1) (1) (1) (1)		
7 8 9 10 11	JUBA ALUMINUM PRODUCTS  COMPANY INC  KAREN STURGIS  KENNETH A BOLLEN  KEVIN NEWELL  KMBA, LLC  LAFAYETTE SOLAR I, LLC	LU LU LU LU	(1) (1) (1) (1) (1) (1)		
7 8 9 10 11 12 13	JUBA ALUMINUM PRODUCTS  COMPANY INC  KAREN STURGIS  KENNETH A BOLLEN  KEVIN NEWELL  KMBA, LLC  LAFAYETTE SOLAR I, LLC	LU LU LU LU	(1) (1) (1) (1) (1) (1)		
7 8 9 10 11 12 13	JUBA ALUMINUM PRODUCTS  COMPANY INC  KAREN STURGIS  KENNETH A BOLLEN  KEVIN NEWELL  KMBA, LLC  LAFAYETTE SOLAR I, LLC	LU LU LU LU	(1) (1) (1) (1) (1) (1)		
7 8 9 10 11 12 13	JUBA ALUMINUM PRODUCTS  COMPANY INC  KAREN STURGIS  KENNETH A BOLLEN  KEVIN NEWELL  KMBA, LLC  LAFAYETTE SOLAR I, LLC	LU LU LU LU	(1) (1) (1) (1) (1) (1)		
7 8 9 10 11 12 13	JUBA ALUMINUM PRODUCTS  COMPANY INC  KAREN STURGIS  KENNETH A BOLLEN  KEVIN NEWELL  KMBA, LLC  LAFAYETTE SOLAR I, LLC	LU LU LU LU	(1) (1) (1) (1) (1) (1)		
7 8 9 10 11 12	JUBA ALUMINUM PRODUCTS  COMPANY INC  KAREN STURGIS  KENNETH A BOLLEN  KEVIN NEWELL  KMBA, LLC  LAFAYETTE SOLAR I, LLC	LU LU LU LU	(1) (1) (1) (1) (1) (1)		

Nam	e of Respondent	This Re	eport Is: []An Original	Date of Rep (Mo, Da, Yr)		Year/Period of Report
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018		End of2017/Q4
		PURC	CHASED POWER (Account & cluding 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 in 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 responden	ectricity (i.e., tran schanges. (a). Do not abb t has with the se	oreviate or eller.	truncate the name or use
supp	for requirements service. Requirements service includes projects load for this service in same as, or second only to, the supplier's se	its syster	m resource planning). In	addition, the relia		
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 the meets the definition of RQ service. For all ned as the earliest date that either buyer or service.	able ever of LF serv I transact	n under adverse condition ice). This category should ion identified as LF, provi	s (e.g., the supp d not be used for de in a footnote	olier must a r long-tern	attempt to buy emergency n firm service firm service
	for intermediate-term firm service. The sam five years.	e as LF s	ervice expect that "interm	ediate-term" me	ans longe	r 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 perio	od of comn	nitment for service is one
	for long-term service from a designated gerice, aside from transmission constraints, mu					
	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 expe	ect that "in	termediate-term" means
long	or than one year bacted than the years.					
	For exchanges of electricity. Use this cate		ansactions involving a ba	ancing of debits	and cred	its for energy, capacity, etc.
and	any settlements for imbalanced exchanges.					
	for other service. Use this category only for					
	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	than one	year. Describe the nature
	, I	Statistical	EEBC Bato	Average		Actual Demand (MW)
Line No.	Name of Company or Public Authority (Footnote Affiliations)	Statistical Classifi-		Average onthly Billing	Avera	ige Average
INO.	(a)	cation (b)	Tariff Number D	emand (MW) (d)	Monthly NC (e)	P Demand Monthly CP Demai
1	` '	_U	(1)	(u)	(6)	(1)
		_U	(1)	+		
		_U	(1)			
		_U	(1)			
	,	_U	(1)			
		_U _U	(1)			
		_U				
		_U _U	(1)			
	,		(1)			
	,	AD	(1)			
		_U	(1)			
11	II OCKHADT Minimum Flour	AD .	(1)			1
10		11	(1)			
12	LOCKHART POWER COMPANY	_U	(1)			
13	LOCKHART POWER COMPANY I LOTUS SOLAR LLC I	_U _U	(1)			
	LOCKHART POWER COMPANY I LOTUS SOLAR LLC I					
13	LOCKHART POWER COMPANY I LOTUS SOLAR LLC I					
13	LOCKHART POWER COMPANY I LOTUS SOLAR LLC I					
13	LOCKHART POWER COMPANY I LOTUS SOLAR LLC I					
13	LOCKHART POWER COMPANY I LOTUS SOLAR LLC I					

Duke	e of Respondent	This Re	An Original	Date of R (Mo, Da,		Year/P	201-101
Ì	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/201		End of	2017/Q4
		PURC (In	HASED POWER (Accou	nt 555) s)		•	
debit 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 n column (b), enter a Statistical Classification	year. Als d any settl an excha interest o	to report exchanges of ements for imbalanced nge transaction in colu r affiliation the respond	electricity (i.e., t I exchanges. mn (a). Do not a dent 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 service.	n its syster	n resource planning).	In addition, the r			
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 ned as the earliest date that either buyer or	iable ever of LF servi II transact	under adverse condit ce). This category sho ion identified as LF, pr	ions (e.g., the su ould not be used ovide in a footno	pplier must for long-ter	attempt to m firm ser	buy emergency vice firm service
	for intermediate-term firm service. The sam five years.	ne as LF s	ervice expect that "inte	ermediate-term" r	means longe	er than one	e year but less
	for short-term service. Use this category for less.	or all firm s	services, where the du	ration of each pe	riod of com	mitment fo	r service is one
	for long-term service from a designated geice, aside from transmission constraints, mo						and reliability of
	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 ex	rpect that "ir	ntermediat	e-term" means
long	er than one year but less than nive years.						
	For exchanges of electricity. Use this cate		ansactions involving a	balancing of deb	its and cred	dits for ene	ergy, capacity, etc.
and	any settlements for imbalanced exchanges						
non-	for other service. Use this category only for service regardless of the Length of the	contract a					
of th	e service in a footnote for each adjustment.	•	1		1		
Line	Name of Company or Public Authority	Statistical	FERC Rate				
No.		(`lacciti_		Average Monthly Billing	Avor		mand (MW)
	(Footnote Affiliations) (a)	cation (b)	Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Aver Monthly NC	age CP Demand	
	(a)	cation	Schedule or Tariff Number	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
1	(a) LUX SOLAR I LLC	cation (b)	Schedule or Tariff Number (c)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
1 2	(a) LUX SOLAR I LLC LUX SOLAR I LLC	cation (b) LU	Schedule or Tariff Number (c)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
1 2 3	(a) LUX SOLAR I LLC LUX SOLAR I LLC LYNWOOD SOLAR I LLC	cation (b) LU AD	Schedule or Tariff Number (c) (1) (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
1 2 3 4	(a) LUX SOLAR I LLC LUX SOLAR I LLC LYNWOOD SOLAR I LLC MARIPOSA SOLAR CENTER LLC	cation (b) LU AD	Schedule or Tariff Number (c) (1) (1) (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
1 2 3 4 5	(a)  LUX SOLAR I LLC  LUX SOLAR I LLC  LYNWOOD SOLAR I LLC  MARIPOSA SOLAR CENTER LLC  MARK S TRUSTIN	cation (b) LU AD LU	Schedule or Tariff Number (c) (1) (1) (1) (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
1 2 3 4 5 6	(a)  LUX SOLAR I LLC  LUX SOLAR I LLC  LYNWOOD SOLAR I LLC  MARIPOSA SOLAR CENTER LLC  MARK S TRUSTIN  MARKET FARM, LLC	cation (b)  LU  AD  LU  LU  LU	Schedule or Tariff Number (c) (1) (1) (1) (1) (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
1 2 3 4 5 6 7	(a)  LUX SOLAR I LLC  LUX SOLAR I LLC  LYNWOOD SOLAR I LLC  MARIPOSA SOLAR CENTER LLC  MARK S TRUSTIN  MARKET FARM, LLC	cation (b)  LU  AD  LU  LU  LU  LU	Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
1 2 3 4 5 6 7	(a)  LUX SOLAR I LLC  LUX SOLAR I LLC  LYNWOOD SOLAR I LLC  MARIPOSA SOLAR CENTER LLC  MARK S TRUSTIN  MARKET FARM, LLC  MARSHVILLE FARM ,LLC  MARTIN JOSEPH LASHUA	cation (b)  LU  AD  LU  LU  LU  LU  LU  LU	Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
1 2 3 4 5 6 7 8	(a)  LUX SOLAR I LLC  LUX SOLAR I LLC  LYNWOOD SOLAR I LLC  MARIPOSA SOLAR CENTER LLC  MARK S TRUSTIN  MARKET FARM, LLC  MARSHVILLE FARM ,LLC  MARTIN JOSEPH LASHUA  MARTIN TRUEX JR. LLC	cation (b)  LU  AD  LU  LU  LU  LU  LU  LU  LU  LU	Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
1 2 3 4 5 6 7 8	(a)  LUX SOLAR I LLC  LUX SOLAR I LLC  LYNWOOD SOLAR I LLC  MARIPOSA SOLAR CENTER LLC  MARK S TRUSTIN  MARKET FARM, LLC  MARSHVILLE FARM ,LLC  MARTIN JOSEPH LASHUA  MARTIN TRUEX JR. LLC  MATTHEW C ROBERTS	cation (b)  LU  AD  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
1 2 3 4 5 6 7 8 9 10	(a)  LUX SOLAR I LLC  LUX SOLAR I LLC  LYNWOOD SOLAR I LLC  MARIPOSA SOLAR CENTER LLC  MARK S TRUSTIN  MARKET FARM, LLC  MARSHVILLE FARM ,LLC  MARTIN JOSEPH LASHUA  MARTIN TRUEX JR. LLC  MATTHEW C ROBERTS  MATTHEW T. EWERS	cation (b)  LU  AD  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
1 2 3 4 5 6 7 8 9 10 11	(a)  LUX SOLAR I LLC  LUX SOLAR I LLC  LYNWOOD SOLAR I LLC  MARIPOSA SOLAR CENTER LLC  MARK S TRUSTIN  MARKET FARM, LLC  MARSHVILLE FARM ,LLC  MARTIN JOSEPH LASHUA  MARTIN TRUEX JR. LLC  MATTHEW C ROBERTS  MATTHEW T. EWERS  MAYBERRY SOLAR LLC	cation (b)  LU  AD  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Monthly Billing Demand (MW)	Monthly NO	age CP Demand	nand (MW) Average Monthly CP Demand
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Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/201		End of	2017/Q4
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debit 2. E acro	eport all power purchases made during the is and credits for energy, capacity, etc.) and inter the name of the seller or other party in nyms. Explain in a footnote any ownership is column (b), enter a Statistical Classification	year. Als l any settl an excha interest o	so report exchanges of e ements for imbalanced e nge transaction in colum r affiliation the responde	ectricity (i.e., to exchanges. n (a). Do not a nt has with the	abbreviate o seller.	r truncate	the name or use
supp	for requirements service. Requirements service includes projects load for this service in same as, or second only to, the supplier's service.	its syster	m resource planning). In	addition, the r			
econ ener whic	for long-term firm service. "Long-term" mea omic reasons and is intended to remain reli gy from third parties to maintain deliveries of h meets the definition of RQ service. For all led as the earliest date that either buyer or s	iable ever of LF serv II transact	n under adverse condition ice). This category shout ion identified as LF, prov	ns (e.g., the su ld not be used ide in a footno	pplier must for long-terr	attempt to m firm serv	buy emergency vice firm service
	or intermediate-term firm service. The sam five years.	e as LF s	ervice expect that "interr	nediate-term" r	neans longe	er than one	e year but less
	for short-term service. Use this category for less.	or all firm s	services, where the dura	tion of each pe	riod of comi	mitment fo	r service is one
	for long-term service from a designated ger						and reliability of
	for intermediate-term service from a designate than one year but less than five years.	ated gene	rating unit. The same a	s LU service ex	pect that "ir	ntermediat	e-term" means
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OS - non-i of the 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)  MOORE SOLAR FARM,LLC  NARENCO  NATHANIEL J POOVEY  NC SOLAR DOCKS LLC  NEISLER STREET SOLAR I LLC  Net metering for SC DERP	Statistica Classification (b) LU LU LU LU LU LU LU	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1)	placed in the ab ated units of Les Average Monthly Billing Demand (MW)	oove-define s than one Avera Monthly NO	ed categori year. Des Actual Den age CP Demand	es, such as all scribe the nature  nand (MW)  Average  Monthly CP Demand
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OS - non-i of the No.  Line No.  1 2 3 4 5 6 7 8 9 10 11 12 13	for other service. Use this category only for firm service regardless of the Length of the eservice in a footnote for each adjustment.  Name of Company or Public Authority (Footnote Affiliations) (a)  MOORE SOLAR FARM,LLC  NARENCO  NATHANIEL J POOVEY  NC SOLAR DOCKS LLC  NEISLER STREET SOLAR I LLC  Net metering for SC DERP  NEWTON-CONOVER CITY SCHOOLS  NICK SOLAR,LLC  Northbrook Carolina - Boyds Mill Hydro  Northbrook Carolina - Holliday's  Bridge Hydro  Northbrook Carolina - Saluda Hydro  Northbrook Carolina - Turner Shoals	Statistica Classification (b) LU LU LU LU LU LU LU LU LU LU LU LU LU	ervices which cannot be and service from designate and service from designa	placed in the ab ated units of Les Average Monthly Billing Demand (MW)	oove-define s than one Avera Monthly NO	ed categori year. Des Actual Den age CP Demand	es, such as all scribe the nature  nand (MW)  Average  Monthly CP Demand
OS - non-i of the No.  Line No.  1 2 3 4 5 6 7 8 9 10 11 12 13	for other service. Use this category only for firm service regardless of the Length of the eservice in a footnote for each adjustment.  Name of Company or Public Authority (Footnote Affiliations) (a)  MOORE SOLAR FARM,LLC  NARENCO  NATHANIEL J POOVEY  NC SOLAR DOCKS LLC  NEISLER STREET SOLAR I LLC  Net metering for SC DERP  NEWTON-CONOVER CITY SCHOOLS  NICK SOLAR,LLC  Northbrook Carolina - Boyds Mill Hydro  Northbrook Carolina - Holliday's  Bridge Hydro  Northbrook Carolina - Saluda Hydro  Northbrook Carolina - Turner Shoals	Statistica Classification (b) LU LU LU LU LU LU LU LU LU LU LU LU LU	ervices which cannot be and service from designate and service from designa	placed in the ab ated units of Les Average Monthly Billing Demand (MW)	oove-define s than one Avera Monthly NO	ed categori year. Des Actual Den age CP Demand	es, such as all scribe the nature  nand (MW)  Average  Monthly CP Demand
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Duke	e of Respondent		port ls: ]An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report
	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of
		PURC	HASED POWER (Account 5 cluding power exchanges)	55)	1
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 ir nyms. 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 responden	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 is 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" menomic reasons and is intended to remain regy from third parties to maintain deliveries the 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 mus I not be used for long-te le 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 "intermo	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, m	•	•	,	,
	• · · · · · · · · · · · · · · · · · · ·				
1	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 "	intermediate-term" means
long	er than one year but less than live years.				
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.
and	any settlements for imbalanced exchanges	S.			
08-	for other service. Use this category only f	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		· ·		•
		i.			
Line	<u>,</u>	Statistical	FERC Rate	Average	Actual Demand (MW)
Line No.	Name of Company or Public Authority (Footnote Affiliations)	Statistical Classifi-	Schedule or M	onthly Billing Ave	rage Average
	Name of Company or Public Authority	Statistical	Schedule or M	onthly Billing Ave emand (MW) Monthly N	
No.	Name of Company or Public Authority (Footnote Affiliations)	Statistical Classifi- cation	Schedule or M Tariff Number De	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
No.	Name of Company or Public Authority (Footnote Affiliations) (a) NYPRO,INC	Statistical Classifi- cation (b)	Schedule or M Tariff Number De (c)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
No.	Name of Company or Public Authority (Footnote Affiliations) (a)  NYPRO,INC  OAKDALE HOLDING LLC	Statistical Classifi- cation (b)	Schedule or Tariff Number (c)  (1)  (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
No.	Name of Company or Public Authority (Footnote Affiliations) (a) NYPRO,INC OAKDALE HOLDING LLC	Statistical Classifi- cation (b) LU	Schedule or Tariff Number (c) (1) (1) (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
No.  1 2 3 4	Name of Company or Public Authority (Footnote Affiliations) (a)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA	Statistical Classifi- cation (b) LU LU LU	Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
No.  1 2 3 4 5	Name of Company or Public Authority (Footnote Affiliations) (a)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA OLD DOMINION FREIGHT LINE INC	Statistical Classifi- cation (b) LU LU LU LU	Schedule or Tariff Number (c) (1) (1) (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
No.  1 2 3 4 5	Name of Company or Public Authority (Footnote Affiliations) (a)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA  OLD DOMINION FREIGHT LINE INC  OLD PAGELAND-MONROE ROAD SOLAR  ORBIT ENERGY CHARLOTTE,LLC	Statistical Classifi- cation (b) LU LU LU LU	Schedule or Tariff Number (c)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
No.  1 2 3 4 5	Name of Company or Public Authority (Footnote Affiliations) (a)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA  OLD DOMINION FREIGHT LINE INC  OLD PAGELAND-MONROE ROAD SOLAR  ORBIT ENERGY CHARLOTTE,LLC	Statistical Classifi- cation (b) LU LU LU LU LU LU LU LU	Schedule or Tariff Number (C) (1) (1) (1) (1) (1) (1) (1) (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
No.  1 2 3 4 5 6 7	Name of Company or Public Authority (Footnote Affiliations) (a)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA  OLD DOMINION FREIGHT LINE INC  OLD PAGELAND-MONROE ROAD SOLAR  ORBIT ENERGY CHARLOTTE,LLC  ORBIT ENERGY CHARLOTTE,LLC	Statistical Classifi- cation (b) LU LU LU LU LU LU LU LU AD	Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
No.  1 2 3 4 5 6 7 8 9	Name of Company or Public Authority (Footnote Affiliations) (a)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA  OLD DOMINION FREIGHT LINE INC  OLD PAGELAND-MONROE ROAD SOLAR  ORBIT ENERGY CHARLOTTE,LLC  ORBIT ENERGY CHARLOTTE,LLC	Statistical Classifi- cation (b) LU LU LU LU LU LU LU LU LU LU LU LU LU	Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
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No.  1 2 3 4 5 6 7 8 9 10 11	Name of Company or Public Authority (Footnote Affiliations) (a)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA  OLD DOMINION FREIGHT LINE INC  OLD PAGELAND-MONROE ROAD SOLAR  ORBIT ENERGY CHARLOTTE,LLC  ORBIT ENERGY CHARLOTTE,LLC  OWEN SOLAR , LLC  PAUL M NEUBAUER  Pelzer Hydro Co - Lower Pelzer Hydro	Statistical Classifi- cation (b) LU LU LU LU LU LU LU LU LU LU LU LU LU	Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
No.  1 2 3 4 5 6 7 8 9 10 11	Name of Company or Public Authority (Footnote Affiliations) (a)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA  OLD DOMINION FREIGHT LINE INC  OLD PAGELAND-MONROE ROAD SOLAR  ORBIT ENERGY CHARLOTTE,LLC  ORBIT ENERGY CHARLOTTE,LLC  OWEN SOLAR , LLC  PAUL M NEUBAUER  Pelzer Hydro Co - Lower Pelzer Hydro  Pelzer Hydro Co - Upper Pelzer Hydro  PHARR YARNS LLC	Statistical Classifi- cation (b) LU LU LU LU LU LU LU LU LU LU LU LU LU	Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
No.  1 2 3 4 5 6 7 8 9 10 11	Name of Company or Public Authority (Footnote Affiliations) (a)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA  OLD DOMINION FREIGHT LINE INC  OLD PAGELAND-MONROE ROAD SOLAR  ORBIT ENERGY CHARLOTTE,LLC  ORBIT ENERGY CHARLOTTE,LLC  OWEN SOLAR , LLC  PAUL M NEUBAUER  Pelzer Hydro Co - Lower Pelzer Hydro  Pelzer Hydro Co - Upper Pelzer Hydro  PHARR YARNS LLC	Statistical Classifi- cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Schedule or Tariff Number (C)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand 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)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA  OLD DOMINION FREIGHT LINE INC  OLD PAGELAND-MONROE ROAD SOLAR  ORBIT ENERGY CHARLOTTE,LLC  ORBIT ENERGY CHARLOTTE,LLC  OWEN SOLAR , LLC  PAUL M NEUBAUER  Pelzer Hydro Co - Lower Pelzer Hydro  Pelzer Hydro Co - Upper Pelzer Hydro  PHARR YARNS LLC	Statistical Classifi- cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Schedule or Tariff Number (C)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand 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)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA  OLD DOMINION FREIGHT LINE INC  OLD PAGELAND-MONROE ROAD SOLAR  ORBIT ENERGY CHARLOTTE,LLC  ORBIT ENERGY CHARLOTTE,LLC  OWEN SOLAR , LLC  PAUL M NEUBAUER  Pelzer Hydro Co - Lower Pelzer Hydro  Pelzer Hydro Co - Upper Pelzer Hydro  PHARR YARNS LLC	Statistical Classifi- cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Schedule or Tariff Number (C)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand 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)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA  OLD DOMINION FREIGHT LINE INC  OLD PAGELAND-MONROE ROAD SOLAR  ORBIT ENERGY CHARLOTTE,LLC  ORBIT ENERGY CHARLOTTE,LLC  OWEN SOLAR , LLC  PAUL M NEUBAUER  Pelzer Hydro Co - Lower Pelzer Hydro  Pelzer Hydro Co - Upper Pelzer Hydro  PHARR YARNS LLC	Statistical Classifi- cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Schedule or Tariff Number (C)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand 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)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA  OLD DOMINION FREIGHT LINE INC  OLD PAGELAND-MONROE ROAD SOLAR  ORBIT ENERGY CHARLOTTE,LLC  ORBIT ENERGY CHARLOTTE,LLC  OWEN SOLAR , LLC  PAUL M NEUBAUER  Pelzer Hydro Co - Lower Pelzer Hydro  Pelzer Hydro Co - Upper Pelzer Hydro  PHARR YARNS LLC	Statistical Classifi- cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Schedule or Tariff Number (C)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand 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)  NYPRO,INC  OAKDALE HOLDING LLC  OENOPHILIA  OLD DOMINION FREIGHT LINE INC  OLD PAGELAND-MONROE ROAD SOLAR  ORBIT ENERGY CHARLOTTE,LLC  ORBIT ENERGY CHARLOTTE,LLC  OWEN SOLAR , LLC  PAUL M NEUBAUER  Pelzer Hydro Co - Lower Pelzer Hydro  Pelzer Hydro Co - Upper Pelzer Hydro  PHARR YARNS LLC	Statistical Classifi- cation (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	Schedule or Tariff Number (C)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand

Dulce	e of Respondent		eport Is: (]An Original	Date of Report (Mo, Da, Yr)		Period of Report
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of	2017/Q4
		PURC	CHASED POWER (Account icluding power exchanges)	555)		
debit 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 column (b), enter a Statistical Classificatio	year. Als I any sett an excha interest c	so report exchanges of el ements for imbalanced e nge transaction in colum or affiliation the responder	ectricity (i.e., transaction cchanges. In (a). Do not abbrevia In thas with the seller.	te or truncate	the name or use
supp	for requirements service. Requirements service includes projects load for this service in same as, or second only to, the supplier's service.	its syste	m resource planning). In	addition, the reliability		
econ ener whic	for long-term firm service. "Long-term" mea omic reasons and is intended to remain reli gy from third parties to maintain deliveries of h meets the definition of RQ service. For all led as the earliest date that either buyer or s	iable ever of LF serv II transact	n under adverse condition ice). This category shou ion identified as LF, prov	ns (e.g., the supplier m d not be used for long de in a footnote the te	ust attempt to -term firm serv	buy emergency vice firm service
	or intermediate-term firm service. The sam five years.	e as LF s	ervice expect that "intern	nediate-term" means lo	onger than one	e year but less
	for short-term service. Use this category for less.	or all firm	services, where the dura	ion of each period of c	ommitment fo	r service is one
	for long-term service from a designated gence, aside from transmission constraints, mu					and reliability of
	for intermediate-term service from a designater than one year but less than five years.	ated gene	erating unit. The same as	LU service expect that	at "intermediat	e-term" means
long	of than one year bat loss than hive years.					
	For exchanges of electricity. Use this cate		ansactions involving a ba	lancing of debits and	credits for ene	ergy, capacity, etc.
and	any settlements for imbalanced exchanges.					
os -	for other service. Use this category only for	or those s	ervices which cannot be	placed in the above-de	fined categori	es such as all
	firm service regardless of the Length of the					00, 000
			9	ica ariito or Ecoo triari	one year. Des	scribe the nature
of the	e service in a footnote for each adjustment.		ŭ	ted diffic of Eddo than	one year. De	scribe the nature
of the	e service in a footnote for each adjustment.  Name of Company or Public Authority	Statistical	FERC Rate	Average	Actual Den	nand (MW)
	Name of Company or Public Authority (Footnote Affiliations)	Statistical Classifi- cation	FERC Rate Schedule or Tariff Number	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classifi- cation (b)	FERC Rate Schedule or Tariff Number (c)	Average Nonthly Billing	Actual Den	nand (MW) Average
Line No.	Name of Company or Public Authority (Footnote Affiliations) (a) Pickins Mill Hydro LLC	Statistical Classifi- cation (b)	FERC Rate Schedule or Tariff Number (c) (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE	Statistical Classifi- cation (b)	FERC Rate Schedule or Tariff Number (c) (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC	Statistical Classifi- cation (b)	FERC Rate Schedule or Tariff Number (c) (1) (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE	Statistical Classifi- cation (b)	FERC Rate Schedule or Tariff Number (c) (1) (1) (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC	Statistical Classifi- cation (b)	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R B SOLAR LLC	Statistical Classifi- cation (b) IU LU LU LU LU LU LU	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R B SOLAR LLC	Statistical Classifi- cation (b)	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5 6 7	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R B SOLAR LLC  R LAWRENCE ASHE JR	Statistical Classifi- cation (b) IU LU LU LU LU LU LU	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5 6 7 8 9	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R B SOLAR LLC  R LAWRENCE ASHE JR  RAINER DAMMERS  RAJAH Y CHACKO	Statistical Classification (b)  U  LU  LU  LU  LU  LU  LU  LU  LU  LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5 6 7 8 9 10	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R B SOLAR LLC  R LAWRENCE ASHE JR  RAINER DAMMERS  RAJAH Y CHACKO  RAJENDRA MOREY	Statistical Classification (b) IU LU LU LU LU LU LU LU LU LU LU LU LU LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5 6 7 8 9 10 11	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R LAWRENCE ASHE JR  RAINER DAMMERS  RAJAH Y CHACKO  RAJENDRA MOREY  RAMONA L SHERWOOD	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5 6 7 8 9 10 11	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R B SOLAR LLC  R LAWRENCE ASHE JR  RAINER DAMMERS  RAJAH Y CHACKO  RAJENDRA MOREY  RAMONA L SHERWOOD  RAYLEN VINEYARDS INC	Statistical Classification (b)  U  LU  LU  LU  LU  LU  LU  LU  LU  LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5 6 7 8 9 10 11 12 13	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R B SOLAR LLC  R LAWRENCE ASHE JR  RAINER DAMMERS  RAJAH Y CHACKO  RAJENDRA MOREY  RAMONA L SHERWOOD  RAYLEN VINEYARDS INC	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5 6 7 8 9 10 11 12	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R B SOLAR LLC  R LAWRENCE ASHE JR  RAINER DAMMERS  RAJAH Y CHACKO  RAJENDRA MOREY  RAMONA L SHERWOOD  RAYLEN VINEYARDS INC	Statistical Classification (b)  U  LU  LU  LU  LU  LU  LU  LU  LU  LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5 6 7 8 9 10 11 12 13	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R B SOLAR LLC  R LAWRENCE ASHE JR  RAINER DAMMERS  RAJAH Y CHACKO  RAJENDRA MOREY  RAMONA L SHERWOOD  RAYLEN VINEYARDS INC	Statistical Classification (b)  U  LU  LU  LU  LU  LU  LU  LU  LU  LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5 6 7 8 9 10 11 12 13	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R B SOLAR LLC  R LAWRENCE ASHE JR  RAINER DAMMERS  RAJAH Y CHACKO  RAJENDRA MOREY  RAMONA L SHERWOOD  RAYLEN VINEYARDS INC	Statistical Classification (b)  U  LU  LU  LU  LU  LU  LU  LU  LU  LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5 6 7 8 9 10 11 12 13	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R B SOLAR LLC  R LAWRENCE ASHE JR  RAINER DAMMERS  RAJAH Y CHACKO  RAJENDRA MOREY  RAMONA L SHERWOOD  RAYLEN VINEYARDS INC	Statistical Classification (b)  U  LU  LU  LU  LU  LU  LU  LU  LU  LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5 6 7 8 9 10 11 12 13	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R LAWRENCE ASHE JR  RAINER DAMMERS  RAJAH Y CHACKO  RAJENDRA MOREY  RAMONA L SHERWOOD  RAYLEN VINEYARDS INC  REBECCA A DURANTE	Statistical Classification (b)  U  LU  LU  LU  LU  LU  LU  LU  LU  LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand
Line No.  1 2 3 4 5 6 7 8 9 10 11 12 13	Name of Company or Public Authority (Footnote Affiliations) (a)  Pickins Mill Hydro LLC  PIERRE BURKE  PRS-PK ENGINES,LLC  PUBLIC LIBRARY OF CHARLOTTE  R B SOLAR LLC  R B SOLAR LLC  R LAWRENCE ASHE JR  RAINER DAMMERS  RAJAH Y CHACKO  RAJENDRA MOREY  RAMONA L SHERWOOD  RAYLEN VINEYARDS INC	Statistical Classification (b)  U  LU  LU  LU  LU  LU  LU  LU  LU  LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW) Monthly	Actual Den Average y NCP Demand	nand (MW) Average Monthly CP Demand

Duke	•		port Is: An Original	Date of Ro (Mo, Da, Y	eport	Year/P	eriod of Report
_	Energy Carolinas, LLC	(2)	A Resubmission	04/12/201		End of	2017/Q4
1		PURC	HASED POWER (Accounce luding power exchanges)	t 555)			
debit 2. Ei acror	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	e year. Als d any settl an excha interest o	oreport exchanges of ements for imbalanced nge transaction in colur raffiliation the responder	electricity (i.e., to exchanges. nn (a). Do not a ent has with the	abbreviate o seller.	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 syster	n resource planning). I	n addition, the re			
econ- enero 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 servi Ill transact	n under adverse condition ice). This category sho ion identified as LF, pro	ons (e.g., the su uld not be used vide in a footnot	pplier must for long-teri	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	mediate-term" r	neans longe	er than one	e year but less
1	for short-term service. Use this category for less.	or all firm s	services, where the dura	ation of each pe	riod of comi	mitment fo	r service is one
1	for long-term service from a designated ge ce, aside from transmission constraints, m	•	•	•	•	•	and reliability of
l .	or intermediate-term service from a designer than one year but less than five years.	ated gene	rating unit. The same a	s LU service ex	spect that "ir	ntermediat	e-term" means
	For exchanges of electricity. Use this cate any settlements for imbalanced exchanges		ansactions involving a t	alancing of deb	its and cred	lits for ene	ergy, capacity, etc.
anu	arry settlements for imbalanced exchanges	•					
	for other service. Use this category only for	or those se		placed in the a	hove-define		
1	irm service regardless of the Length of the		and service from design				
1	e service in a footnote for each adjustment	-		ated 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	Average Monthly Billing	ss than one	year. Des	nand (MW)  Average
of the	Name of Company or Public Authority (Footnote Affiliations)	Statistical Classifi- cation	FERC Rate Schedule or Tariff Number	Average Monthly Billing Demand (MW)	Avera	Actual Den	nand (MW)  Average  Monthly CP Demand
of the Line No.	e service in a footnote for each adjustment  Name of Company or Public Authority  (Footnote Affiliations)  (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing	ss than one	Actual Den	nand (MW)  Average
of the Line No.	Name of Company or Public Authority (Footnote Affiliations)  (a)  REBECCA G LASKODY	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW)	Avera	Actual Den	nand (MW)  Average  Monthly CP Demand
of the Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)  REBECCA G LASKODY  REBECCA T COBEY	Statistical Classifi- cation (b) LU	FERC Rate Schedule or Tariff Number (c) (1)	Average Monthly Billing Demand (MW)	Avera	Actual Den	nand (MW)  Average  Monthly CP Demand
of the Line No.	Name of Company or Public Authority (Footnote Affiliations)  (a)  REBECCA G LASKODY	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c) (1) (1)	Average Monthly Billing Demand (MW)	Avera	Actual Den	nand (MW)  Average  Monthly CP Demand
of the Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)  REBECCA G LASKODY  REBECCA T COBEY  REDMON SOLAR FARM, LLC	Statistical Classification (b) LU LU LU LU	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1)	Average Monthly Billing Demand (MW)	Avera	Actual Den	nand (MW)  Average  Monthly CP Demand
of the Line No.	Name of Company or Public Authority (Footnote Affiliations) (a) REBECCA G LASKODY REBECCA T COBEY REDMON SOLAR FARM, LLC REI 2 LLC ROBERT SKIRBOLL	Statistical Classifi- cation (b) LU LU LU	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1)	Average Monthly Billing Demand (MW)	Avera	Actual Den	nand (MW)  Average  Monthly CP Demand
of the No.	Name of Company or Public Authority (Footnote Affiliations) (a)  REBECCA G LASKODY  REBECCA T COBEY  REDMON SOLAR FARM, LLC	Statistical Classification (b) LU LU LU LU	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1)	Average Monthly Billing Demand (MW)	Avera	Actual Den	nand (MW)  Average  Monthly CP Demand
of the No.  1 2 3 4 5 6 7	REBECCA G LASKODY REBECCA T COBEY REDMON SOLAR FARM, LLC ROBERT SKIRBOLL ROBERT W STONE	Statistical Classification (b) LU LU LU LU LU LU LU LU LU	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Average Monthly Billing Demand (MW)	Avera	Actual Den	nand (MW)  Average  Monthly CP Demand
of the No.  1 2 3 4 5 6 7 8	Name of Company or Public Authority (Footnote Affiliations) (a)  REBECCA G LASKODY  REBECCA T COBEY  REDMON SOLAR FARM, LLC  REI 2 LLC  ROBERT SKIRBOLL  ROBERT W STONE  ROCKWELL SOLAR, LLC	Statistical Classification (b) LU LU LU LU LU LU LU LU LU LU LU LU	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Average Monthly Billing Demand (MW)	Avera	year. Des Actual Den age CP Demand	nand (MW)  Average  Monthly CP Demand
of the No.  Line No.  1 2 3 4 5 6 7 8 9	REBECCA G LASKODY REBECCA T COBEY REDMON SOLAR FARM, LLC ROBERT SKIRBOLL ROBERT W STONE ROCKWELL SOLAR, LLC RONNIE B POWERS ROPER FARM, LLC	Statistical Classification (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW)	Avera	year. Des Actual Den age CP Demand	nand (MW)  Average  Monthly CP Demand
of the No.  Line No.  1 2 3 4 5 6 7 8 9 10	REBECCA G LASKODY REBECCA T COBEY REDMON SOLAR FARM, LLC ROBERT SKIRBOLL ROBERT W STONE ROCKWELL SOLAR, LLC RONNIE B POWERS ROPER FARM, LLC	Statistical Classification (b) LU LU LU LU LU LU LU LU LU LU LU LU LU	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Average Monthly Billing Demand (MW)	Avera	year. Des Actual Den age CP Demand	nand (MW)  Average  Monthly CP Demand
of the No.  Line No.  1 2 3 4 5 6 7 8 9 10 11	REBECCA G LASKODY REBECCA T COBEY REDMON SOLAR FARM, LLC ROBERT SKIRBOLL ROBERT W STONE ROCKWELL SOLAR, LLC RONNIE B POWERS ROPER FARM, LLC ROUSCH & YATES RACING ENGINES, LLC	Statistical Classification (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW)	Avera	year. Des Actual Den age CP Demand	nand (MW)  Average  Monthly CP Demand
of the No.  Line No.  1 2 3 4 5 6 7 8 9 10 11 12	REBECCA G LASKODY REBECCA T COBEY REDMON SOLAR FARM, LLC ROBERT SKIRBOLL ROBERT W STONE ROCKWELL SOLAR, LLC RONNIE B POWERS ROPER FARM, LLC ROUSCH & YATES RACING ENGINES, LLC RUNAWAY PROPERTIES LLC	Statistical Classification (b)  LU  LU  LU  LU  LU  LU  LU  LU  LU  L	FERC Rate Schedule or Tariff Number (c) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Average Monthly Billing Demand (MW)	Avera	year. Des Actual Den age CP Demand	nand (MW)  Average  Monthly CP Demand
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of the No.  Line No.  1 2 3 4 5 6 7 8 9 10 11 12 13	REBECCA G LASKODY REBECCA T COBEY REDMON SOLAR FARM, LLC ROBERT SKIRBOLL ROBERT W STONE ROCKWELL SOLAR, LLC RONNIE B POWERS ROPER FARM, LLC ROUSCH & YATES RACING ENGINES, LLC RUNAWAY PROPERTIES LLC RUSSELL VON STEIN	Statistical Classification (b) LU LU LU LU LU LU LU LU LU LU LU LU LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW)	Avera	year. Des Actual Den age CP Demand	nand (MW)  Average  Monthly CP Demand
of the No.  Line No.  1 2 3 4 5 6 7 8 9 10 11 12 13	REBECCA G LASKODY REBECCA T COBEY REDMON SOLAR FARM, LLC ROBERT SKIRBOLL ROBERT W STONE ROCKWELL SOLAR, LLC RONNIE B POWERS ROPER FARM, LLC ROUSCH & YATES RACING ENGINES, LLC RUNAWAY PROPERTIES LLC RUSSELL VON STEIN	Statistical Classification (b) LU LU LU LU LU LU LU LU LU LU LU LU LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW)	Avera	year. Des Actual Den age CP Demand	nand (MW)  Average  Monthly CP Demand
of the No.  Line No.  1 2 3 4 5 6 7 8 9 10 11 12 13	REBECCA G LASKODY REBECCA T COBEY REDMON SOLAR FARM, LLC ROBERT SKIRBOLL ROBERT W STONE ROCKWELL SOLAR, LLC RONNIE B POWERS ROPER FARM, LLC ROUSCH & YATES RACING ENGINES, LLC RUNAWAY PROPERTIES LLC RUSSELL VON STEIN	Statistical Classification (b) LU LU LU LU LU LU LU LU LU LU LU LU LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW)	Avera	year. Des Actual Den age CP Demand	nand (MW)  Average  Monthly CP Demand
of the No.  Line No.  1 2 3 4 5 6 7 8 9 10 11 12 13	REBECCA G LASKODY REBECCA T COBEY REDMON SOLAR FARM, LLC ROBERT SKIRBOLL ROBERT W STONE ROCKWELL SOLAR, LLC RONNIE B POWERS ROPER FARM, LLC ROUSCH & YATES RACING ENGINES, LLC RUNAWAY PROPERTIES LLC RUSSELL VON STEIN	Statistical Classification (b) LU LU LU LU LU LU LU LU LU LU LU LU LU	FERC Rate Schedule or Tariff Number (c)  (1)  (1)  (1)  (1)  (1)  (1)  (1)	Average Monthly Billing Demand (MW)	Avera	year. Des Actual Den age CP Demand	nand (MW)  Average  Monthly CP Demand

Nam	e of Respondent	This Re	port Is: ]An Original	Date of R (Mo, Da,			eriod of Report
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/201		End of	2017/Q4
		PURC (In	HASED POWER (Accour	t 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	e year. Als d any settl n an excha o interest o	to report exchanges of ements for imbalanced nge transaction in colur raffiliation the responder	electricity (i.e., t exchanges. nn (a). Do not a ent 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 s	n its syster	n resource planning). I	n addition, the r			
ecor ener whic	for long-term firm service. "Long-term" menomic reasons and is intended to remain reasy from third parties to maintain deliveries the meets the definition of RQ service. For an ed as the earliest date that either buyer or	liable ever of LF servi all transact	n under adverse condition ce). This category sho ion identified as LF, pro	ons (e.g., the su uld not be used vide in a footno	pplier must for long-teri	attempt to m firm ser\	buy emergency vice firm service
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	for short-term service. Use this category f or less.	or all firm s	services, where the dura	ation of each pe	riod of com	mitment 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 desigr er than one year but less than five years.	ated gene	rating unit. The same a	as LU service ex	rpect that "ir	ntermediat	e-term" means
	For exchanges of electricity. Use this cate any settlements for imbalanced exchanges		ansactions involving a t	alancing of deb	oits and cred	lits for ene	rgy, capacity, etc.
anu	any settlements for imparanced exchanges	).					
non-	for other service. Use this category only f firm service regardless of the Length of the	contract a					
or th	e service in a footnote for each adjustment				1	A / 15	1.0000
Line	Name of Company or Public Authority	Statistical Classifi-	FERC Rate Schedule or	Average Monthly Billing	Avera	Actual Den	nand (MW) Average
No.	(Footnote Affiliations) (a)	cation (b)	Tariff Number (c)	Demand (MW) (d)		CP Demand	Monthly CP Demand (f)
1	SAIA MOTOR FREIGHT LINE, LLC	LU	(1)				
2	SALEM ENERGY SYSTEMS, LLC	LU	(1)				
3	SANDAN FARM	LU	(1)				
4	SHELBY RANDOLPH ROAD SOLAR I, LLC	LU	(1)				
5	SHELDON R PINNELL						
	SHELDON R PINNELL	LU	(1)				
6	SHOE SHOW, INC	LU	(1) (1)				
			1 1				
7	SHOE SHOW, INC	LU	(1)				
7 8	SHOE SHOW, INC SID SOLAR I, LLC	LU	(1)				
7 8 9	SHOE SHOW, INC SID SOLAR I, LLC SIGMON CATAWBA FARM,LLC	LU LU	(1) (1) (1)				
7 8 9 10	SHOE SHOW, INC SID SOLAR I, LLC SIGMON CATAWBA FARM,LLC SONNE TWO,LLC	LU LU LU	(1) (1) (1) (1) (1)				
7 8 9 10 11	SHOE SHOW, INC SID SOLAR I, LLC SIGMON CATAWBA FARM,LLC SONNE TWO,LLC SOPHIE SOLAR, LLC	LU LU LU LU	(1) (1) (1) (1)				
7 8 9 10 11	SHOE SHOW, INC SID SOLAR I, LLC SIGMON CATAWBA FARM,LLC SONNE TWO,LLC SOPHIE SOLAR, LLC SOUTH WINSTON FARM, LLC	LU LU LU LU LU LU	(1) (1) (1) (1) (1) (1)				
7 8 9 10 11	SHOE SHOW, INC SID SOLAR I, LLC SIGMON CATAWBA FARM,LLC SONNE TWO,LLC SOPHIE SOLAR, LLC SOUTH WINSTON FARM, LLC South Yadkin Power, Inc. SOUTHDATA INC	LU	(1) (1) (1) (1) (1) (1) (1)				
7 8 9 10 11 12 13	SHOE SHOW, INC SID SOLAR I, LLC SIGMON CATAWBA FARM,LLC SONNE TWO,LLC SOPHIE SOLAR, LLC SOUTH WINSTON FARM, LLC South Yadkin Power, Inc. SOUTHDATA INC	LU	(1) (1) (1) (1) (1) (1) (1)				
7 8 9 10 11 12 13	SHOE SHOW, INC SID SOLAR I, LLC SIGMON CATAWBA FARM,LLC SONNE TWO,LLC SOPHIE SOLAR, LLC SOUTH WINSTON FARM, LLC South Yadkin Power, Inc. SOUTHDATA INC	LU	(1) (1) (1) (1) (1) (1) (1)				
7 8 9 10 11 12 13	SHOE SHOW, INC SID SOLAR I, LLC SIGMON CATAWBA FARM,LLC SONNE TWO,LLC SOPHIE SOLAR, LLC SOUTH WINSTON FARM, LLC South Yadkin Power, Inc. SOUTHDATA INC	LU	(1) (1) (1) (1) (1) (1) (1)				
7 8 9 10 11 12 13	SHOE SHOW, INC SID SOLAR I, LLC SIGMON CATAWBA FARM,LLC SONNE TWO,LLC SOPHIE SOLAR, LLC SOUTH WINSTON FARM, LLC South Yadkin Power, Inc. SOUTHDATA INC	LU	(1) (1) (1) (1) (1) (1) (1)				
7 8 9 10 11 12 13	SHOE SHOW, INC SID SOLAR I, LLC SIGMON CATAWBA FARM,LLC SONNE TWO,LLC SOPHIE SOLAR, LLC SOUTH WINSTON FARM, LLC South Yadkin Power, Inc. SOUTHDATA INC	LU	(1) (1) (1) (1) (1) (1) (1)				

Nam	e of Respondent	This Re	port Is: An Original	Date of Re (Mo, Da, Y		Year/Period of Report
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018		End of2017/Q4
		PURC	HASED POWER (Account cluding power exchanges)	555)		
debi 2. E acro	teport all power purchases made during the ts and credits for energy, capacity, etc.) and the the name of the seller or other party in 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	or report exchanges of el ements for imbalanced e nge transaction in columi r affiliation the responder	ectricity (i.e., track xchanges. In (a). Do not a not has with the	bbreviate o seller.	r truncate the name or us
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	addition, the re		
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 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 shoultion identified as LF, prov	ns (e.g., the sup d not be used t ide in a footnot	oplier must for long-terr	attempt to buy emergenc n firm service firm service
	for intermediate-term firm service. The san five years.	ne as LF s	ervice expect that "interm	nediate-term" m	neans longe	er than one year but less
	for short-term service. Use this category for less.	or all firm s	services, where the durat	ion of each per	iod 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 design er than one year but less than five years.	ated gene	rating unit. The same as	LU service ex	pect that "ir	ntermediate-term" means
long	ci man one year but less than nive years.					
	For exchanges of electricity. Use this cate		ansactions involving a ba	lancing of debi	ts and cred	its for energy, capacity, e
and	any settlements for imbalanced exchanges	i.				
non-	for other service. Use this category only form service regardless of the Length of the	contract a				
or th	e service in a footnote for each adjustment		T T			
Line	Name of Company or Public Authority	Statistical Classifi-	FERC Rate Schedule or	Average Nonthly Billing	Avera	Actual Demand (MW)
No.	(Footnote Affiliations) (a)	cation (b)		emand (MW) (d)	Monthly NC	P Demand Monthly CP Der
1	SPARTANBURG WATER SYSTEM	LU	(1)			
2	SPENCER FARM, LLC	LU	(1)			
3	SPENCER MOUNTAIN HYDROPOWER, LLC	LU	(1)			
4	SPENCER YOST	LU	(1)			
5	STANLEY CHAMBERLAIN	LU	(1)			
6	Star Solar, LLC	LU	(1)			
	1	LU	(1)		İ	
7	Steve Mason Ent., Inc Long Shoals		( · /			<u>l</u>
7 8	Steve Mason Ent., Inc Long Shoals Hydro					
8	·	LU	(1)			
8	Hydro	_				
8 9 10	Hydro STIKELEATHER FARM, LLC STONEVILLE SOLAR LLC	LU	(1)			
8 9 10 11	Hydro STIKELEATHER FARM, LLC STONEVILLE SOLAR LLC	LU LU	(1)			
8 9 10 11 12	Hydro STIKELEATHER FARM, LLC STONEVILLE SOLAR LLC STOUT FARM LLC	LU LU	(1) (1) (1)			
8 9 10 11 12	Hydro STIKELEATHER FARM, LLC STONEVILLE SOLAR LLC STOUT FARM LLC SUMMIT SHOPPING CENTER COMPANY	LU LU LU	(1) (1) (1) (1)			
8 9 10 11 12 13	Hydro STIKELEATHER FARM, LLC STONEVILLE SOLAR LLC STOUT FARM LLC SUMMIT SHOPPING CENTER COMPANY	LU LU LU	(1) (1) (1) (1)			
8 9 10 11 12 13	Hydro STIKELEATHER FARM, LLC STONEVILLE SOLAR LLC STOUT FARM LLC SUMMIT SHOPPING CENTER COMPANY	LU LU LU	(1) (1) (1) (1)			
8 9 10 11 12 13	Hydro STIKELEATHER FARM, LLC STONEVILLE SOLAR LLC STOUT FARM LLC SUMMIT SHOPPING CENTER COMPANY	LU LU LU	(1) (1) (1) (1)			
8 9 10 11 12 13	Hydro STIKELEATHER FARM, LLC STONEVILLE SOLAR LLC STOUT FARM LLC SUMMIT SHOPPING CENTER COMPANY	LU LU LU	(1) (1) (1) (1)			
8 9 10 11 12 13	Hydro STIKELEATHER FARM, LLC STONEVILLE SOLAR LLC STOUT FARM LLC SUMMIT SHOPPING CENTER COMPANY	LU LU LU	(1) (1) (1) (1)			

	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	04/12/2018	End of
		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 noter the name of the seller or other party in nyms. Explain in a footnote any ownership oclumn (b), enter a Statistical Classificati	e year. Als d any settl n an excha o interest o	to report exchanges of elements for imbalanced enge transaction in columing affiliation the responder	ectricity (i.e., transaction cchanges. n (a). Do not abbreviate it has with the seller.	or truncate the name or use
supp	for requirements service. Requirements solier includes projects load for this service is same as, or second only to, the supplier's so	n its syster	n resource planning). In	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 h meets the definition of RQ service. For hed as the earliest date that either buyer or	liable ever of LF servi all transacti	n under adverse condition ce). 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 sar five years.	ne as LF s	ervice expect that "interm	ediate-term" means long	ger than one year but less
	for short-term service. Use this category or less.	or all firm s	services, where the durat	on of each period of cor	nmitment for service is one
	for long-term service from a designated goice, aside from transmission constraints, m	•	•		
IU -	for intermediate-term service from a desigi	nated gene	rating unit. The same as	LU service expect that '	'intermediate-term" means
	er than one year but less than five years.	Ü	J	•	
	For exchanges of electricity. Use this cate		ansactions involving a ba	lancing of debits and cre	edits for energy, capacity, etc.
and	any settlements for imbalanced exchanges	S.			
OS -	for other service. Use this category only	or those se	ervices which cannot be r	placed 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		•		,
Line	Name of Company or Public Authority	Statistical	FERC Rate	Average	Actual Demand (MW)
No.	(Footnote Affiliations)	Classifi- cation		Nonthly Billing Ave	erage Average ICP Demand Monthly CP Demand
	(a)	(b)	(C)	` '   /	(e) (f)
1	SUN EDISON LLC	LU	(1)	, ,	
2	SUN LIGHT 1 LLC	LU	(1)		
			` '		
	SUSAN E REYNOLDS	LU	(1)		
4		LU	(1)		
	T.S. DESIGNS, INC. TEMPLE EMANUEL		(1)		
5	T.S. DESIGNS, INC. TEMPLE EMANUEL	LU	(1)		
5	T.S. DESIGNS, INC. TEMPLE EMANUEL TENCARVA MACHINERY COMPANY	LU	(1) (1) (1)		
5 6	T.S. DESIGNS, INC. TEMPLE EMANUEL TENCARVA MACHINERY COMPANY	LU LU LU	(1)		
5 6 7	T.S. DESIGNS, INC.  TEMPLE EMANUEL  TENCARVA MACHINERY COMPANY  TerraForm LLC; DBA: SunE B9	LU LU LU	(1) (1) (1) (1)		
5 6 7 8	T.S. DESIGNS, INC.  TEMPLE EMANUEL  TENCARVA MACHINERY COMPANY  TerraForm LLC; DBA: SunE B9  Holdings, LLC	LU LU LU	(1) (1) (1)		
5 6 7 8 9	T.S. DESIGNS, INC.  TEMPLE EMANUEL  TENCARVA MACHINERY COMPANY  TerraForm LLC; DBA: SunE B9  Holdings, LLC  TerraForm LLC; DBA: SunE B9  Holdings, LLC	LU LU LU	(1) (1) (1) (1) (1)		
5 6 7 8 9 10	T.S. DESIGNS, INC.  TEMPLE EMANUEL  TENCARVA MACHINERY COMPANY  TerraForm LLC; DBA: SunE B9  Holdings, LLC  TerraForm LLC; DBA: SunE B9  Holdings, LLC	LU LU LU AD	(1) (1) (1) (1) (1) (1)		
5 6 7 8 9 10	T.S. DESIGNS, INC.  TEMPLE EMANUEL  TENCARVA MACHINERY COMPANY  TerraForm LLC; DBA: SunE B9  Holdings, LLC  TerraForm LLC; DBA: SunE B9  Holdings, LLC  THE CITY OF CHARLOTTE  THE MEASURED DOSE PHARMACY INC.	LU LU LU LU AD	(1) (1) (1) (1) (1) (1) (1)		
5 6 7 8 9 10 11	T.S. DESIGNS, INC.  TEMPLE EMANUEL  TENCARVA MACHINERY COMPANY  TerraForm LLC; DBA: SunE B9  Holdings, LLC  TerraForm LLC; DBA: SunE B9  Holdings, LLC  THE CITY OF CHARLOTTE  THE MEASURED DOSE PHARMACY INC.	LU LU LU AD LU	(1) (1) (1) (1) (1) (1)		
5 6 7 8 9 10 11 12	T.S. DESIGNS, INC.  TEMPLE EMANUEL  TENCARVA MACHINERY COMPANY  TerraForm LLC; DBA: SunE B9  Holdings, LLC  TerraForm LLC; DBA: SunE B9  Holdings, LLC  THE CITY OF CHARLOTTE  THE MEASURED DOSE PHARMACY INC.  THE NORTHWESTERN MUTUAL LIFE	LU LU LU AD LU	(1) (1) (1) (1) (1) (1) (1)		
5 6 7 8 9 10 11 12	T.S. DESIGNS, INC.  TEMPLE EMANUEL  TENCARVA MACHINERY COMPANY  TerraForm LLC; DBA: SunE B9  Holdings, LLC  TerraForm LLC; DBA: SunE B9  Holdings, LLC  THE CITY OF CHARLOTTE  THE MEASURED DOSE PHARMACY INC.  THE NORTHWESTERN MUTUAL LIFE	LU LU LU AD LU	(1) (1) (1) (1) (1) (1) (1)		
5 6 7 8 9 10 11 12	T.S. DESIGNS, INC.  TEMPLE EMANUEL  TENCARVA MACHINERY COMPANY  TerraForm LLC; DBA: SunE B9  Holdings, LLC  TerraForm LLC; DBA: SunE B9  Holdings, LLC  THE CITY OF CHARLOTTE  THE MEASURED DOSE PHARMACY INC.  THE NORTHWESTERN MUTUAL LIFE	LU LU LU AD LU	(1) (1) (1) (1) (1) (1) (1)		
5 6 7 8 9 10 11 12	T.S. DESIGNS, INC.  TEMPLE EMANUEL  TENCARVA MACHINERY COMPANY  TerraForm LLC; DBA: SunE B9  Holdings, LLC  TerraForm LLC; DBA: SunE B9  Holdings, LLC  THE CITY OF CHARLOTTE  THE MEASURED DOSE PHARMACY INC.  THE NORTHWESTERN MUTUAL LIFE	LU LU LU AD LU	(1) (1) (1) (1) (1) (1) (1)		
5 6 7 8 9 10 11 12	T.S. DESIGNS, INC.  TEMPLE EMANUEL  TENCARVA MACHINERY COMPANY  TerraForm LLC; DBA: SunE B9  Holdings, LLC  TerraForm LLC; DBA: SunE B9  Holdings, LLC  THE CITY OF CHARLOTTE  THE MEASURED DOSE PHARMACY INC.  THE NORTHWESTERN MUTUAL LIFE	LU LU LU AD LU	(1) (1) (1) (1) (1) (1) (1)		

Duke	e of Respondent		eport Is: []An Original	Date of R (Mo, Da,			Period of Report
	Energy Carolinas, LLC	(2)	A Resubmission	04/12/201		End of	2017/Q4
		PURC (In		: 555)			
debit 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 hyms. Explain in a footnote any ownership column (b), enter a Statistical Classification	year. Als d any settl an excha interest o	so report exchanges of e ements for imbalanced nge transaction in colur r affiliation the responde	electricity (i.e., t exchanges. In (a). Do not a ent has with the	abbreviate o seller.	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 se	ı its systeı	m resource planning). I	addition, the r			
econ energy which	for long-term firm service. "Long-term" mea omic reasons and is intended to remain rel gy from third parties to maintain deliveries of the meets the definition of RQ service. For a ed as the earliest date that either buyer or	iable ever of LF serv II transact	n under adverse condition ice). This category show ion identified as LF, pro	ns (e.g., the su lld not be used vide in a footno	pplier must for long-teri	attempt to m firm serv	buy emergency vice firm service
	or intermediate-term firm service. The sam five years.	ie as LF s	ervice expect that "inter	mediate-term" r	neans 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 pe	riod of comi	mitment fo	r service is one
	for long-term service from a designated ge ce, aside from transmission constraints, mu						and reliability of
	or intermediate-term service from a designer than one year but less than five years.	ated gene	rating unit. The same a	s LU service ex	rpect that "ir	ntermediat	e-term" means
	For exchanges of electricity. Use this cate any settlements for imbalanced exchanges.		ansactions involving a t	alancing of det	oits and cred	lits for ene	ergy, capacity, etc.
and	arry settlements for imbalanced exchanges.	•					
non-	for other service. Use this category only for service regardless of the Length of the	contract a					
non-		contract a				year. Des	scribe the nature
non-fof the	firm service regardless of the Length of the e service in a footnote for each adjustment.  Name of Company or Public Authority	contract a	FERC Rate	Average	ss than one	year. Des	nand (MW)
non-f	firm service regardless of the Length of the e service in a footnote for each adjustment.	contract a	and service from design	ated units of Le	ss than one	Actual Den	scribe the nature
non-fof the	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)	Statistical Classifi- cation	FERC Rate Schedule or Tariff Number	Average Monthly Billing Demand (MW)	Avera	Actual Den	nand (MW)  Average  Monthly CP Demand
non-fof the Line No.	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)  THE ROCKET SHOP, LLC	Statistical Classifi- cation (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW)	Avera	Actual Den	nand (MW)  Average  Monthly CP Demand
non-i of the Line No.	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)  THE ROCKET SHOP, LLC  THE ROPER GROUP, LLC	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c) (1)	Average Monthly Billing Demand (MW)	Avera	Actual Den	nand (MW)  Average  Monthly CP Demand
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Name	e of Respondent	This Re	port Is: ]An Original	Date of Re (Mo, Da, Y		Year/Period of Report
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/201		End of2017/Q4
		PURC (In	HASED POWER (Account cluding power exchanges)	555)		
debit 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 in column (b), enter a Statistical Classification	year. Als I any settl an excha interest o	to report exchanges of el ements for imbalanced e nge transaction in colum r affiliation the responder	ectricity (i.e., tr xchanges. n (a). Do not a nt has with the	bbreviate o seller.	r 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	addition, the re		
econ ener whic	for long-term firm service. "Long-term" meanomic reasons and is intended to remain relegy 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 transact	n under adverse condition ce). This category shou ion identified as LF, prov	ns (e.g., the sup d not be used ide in a footnot	oplier must for long-terr	attempt to buy emergency m firm service firm service
	for intermediate-term firm service. The sam five years.	e as LF s	ervice expect that "intern	nediate-term" n	neans longe	er than one year but less
	for short-term service. Use this category for less.	or all firm s	services, where the durat	ion of each per	riod of com	mitment for service is one
	for long-term service from a designated gelice, aside from transmission constraints, mu					
	for intermediate-term service from a designate from a designate than one year but less than five years.	ated gene	rating unit. The same as	LU service ex	pect that "ir	ntermediate-term" means
	For exchanges of electricity. Use this cate		ansactions involving a ba	lancing of deb	its and cred	lits for energy, capacity, etc.
anu	any settlements for imbalanced exchanges.	•				
non-	for other service. Use this category only for firm service regardless of the Length of the	contract a				
or th	e service in a footnote for each adjustment.		I I		1	
Line	Name of Company or Public Authority	Statistical Classifi-	FERC Rate Schedule or	Average Nonthly Billing	Avera	Actual Demand (MW) age Average
No.	(Footnote Affiliations) (a)	cation (b)		emand (MW) (d)		CP Demand Monthly CP Demar
1	TWC ADMINISTRATION LLC	LU	(1)			
2	TWC ADMINISTRATION LLC	AD	(1)			
3	TWO LINES FARM, LLC	LU	(1)			
4	UNC - CHAPEL HILL	LU	(1)			
5	UNIFI MANUFACTURING, INC	LU	(1)			
6	UNITED SEWING MACHINE SALES, LLC	LU	(1)			
7	UNITED THERAPEUTICS CORPORATION	LU	(1)			
8	URBAN MINISTRIES OF DURHAM	LU	(1)			
9	VETDODEOUNALLO	LU	(1)			
$\overline{}$	VETRORESINA LLC					
10		LU	(1)			
	VIDYA SAGAR SETHI	LU	(1) (1)			
11	VIDYA SAGAR SETHI VOLT SOLAR, LLC					
11 12	VIDYA SAGAR SETHI VOLT SOLAR, LLC W B MOORE CO OF CHAR	LU	(1)			
11 12	VIDYA SAGAR SETHI  VOLT SOLAR, LLC  W B MOORE CO OF CHAR  WACO FARM, LLC	LU	(1)			
11 12 13	VIDYA SAGAR SETHI  VOLT SOLAR, LLC  W B MOORE CO OF CHAR  WACO FARM, LLC	LU	(1)			
11 12 13	VIDYA SAGAR SETHI  VOLT SOLAR, LLC  W B MOORE CO OF CHAR  WACO FARM, LLC	LU	(1)			
11 12 13	VIDYA SAGAR SETHI  VOLT SOLAR, LLC  W B MOORE CO OF CHAR  WACO FARM, LLC	LU	(1)			
11 12 13	VIDYA SAGAR SETHI  VOLT SOLAR, LLC  W B MOORE CO OF CHAR  WACO FARM, LLC	LU	(1)			
11 12 13	VIDYA SAGAR SETHI  VOLT SOLAR, LLC  W B MOORE CO OF CHAR  WACO FARM, LLC	LU	(1)			

Duke	e of Respondent		eport Is: ( An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report
Dane	Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of
		PURO	CHASED POWER (Account account	555)	
debit 2. El acroi	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 hyms. Explain in a footnote any ownership column (b), enter a Statistical Classification	year. Als I any sett an excha interest o	so report exchanges of ellements for imbalanced einge transaction in columior affiliation the responder	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 service includes projects load for this service in ame as, or second only to, the supplier's service.	its syste	m resource planning). In	addition, the reliability of	
econ energ which	for long-term firm service. "Long-term" mea omic reasons and is intended to remain reli gy from third parties to maintain deliveries of h meets the definition of RQ service. For all ed as the earliest date that either buyer or s	iable eve of LF serv Il transac	n under adverse conditior 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 sam five years.	e as LF s	ervice expect that "interm	ediate-term" means long	er than one year but less
	for short-term service. Use this category fo or less.	or all firm	services, where the durat	on of each period of con	nmitment for service is one
	for long-term service from a designated ger ce, aside from transmission constraints, mu				
	or intermediate-term service from a designate than one year but less than five years.	ated gene	erating unit. The same as	LU service expect that "	intermediate-term" means
	For exchanges of electricity. Use this cate		ansactions involving a ba	lancing of debits and cre	dits for energy, capacity, etc.
and a	any settlements for imbalanced exchanges.				
	for other service. Use this category only for service regardless of the Length of the				
non-1		contract			
non-1	firm service regardless of the Length of the e service in a footnote for each adjustment.	contract Statistical	and service from designa	Average	e year. Describe the nature  Actual Demand (MW)
non-f	firm service regardless of the Length of the e service in a footnote for each adjustment.	Statistical Classifi- cation	FERC Rate Schedule or	Average Averand (MW)  Average Average Monthly Billing Average Monthly N	e year. Describe the nature
non-for the Line No.	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)	contract Statistical Classifi-	FERC Rate Schedule or Tariff Number (c)	Average Averand (MW)  Average Average Monthly Billing Average Monthly N	Actual Demand (MW) rage Average CP Demand Monthly CP Demand
non-fof the Line No.	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)  WALLACE & GRAHAM PA	Statistical Classifi- cation (b)	FERC Rate Schedule or Tariff Number (c) (1)	Average Averand (MW)  Average Average Monthly Billing Average Monthly N	Actual Demand (MW) rage Average CP Demand Monthly CP Demand
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non-i of the Line No.	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)  WALLACE & GRAHAM PA  WALTER C. MCGERVEY  UNAUTHOR OF BRADLEY	Statistical Classifi- cation (b) LU	FERC Rate Schedule or Tariff Number (c) (1) (1)	Average Averand (MW)  Average Average Monthly Billing Average Monthly N	Actual Demand (MW) rage Average CP Demand Monthly CP Demand
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	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)	An Onginal A Resubmission	04/12/2018	End of
		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.) an nter 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 o interest o	o report exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the respondent	ctricity (i.e., transactio changes. (a). Do not abbreviate thas with the seller.	e 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	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 h meets the definition of RQ service. For a ned 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 mu I not be used for long-t le in a footnote the ten	st 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 "interme	ediate-term" means lor	nger than one year but less
	for short-term service. Use this category f or less.	or all firm s	services, where the duration	on of each period of co	emmitment for service is one
	for long-term service from a designated geice, aside from transmission constraints, m	•	•		, ,
1	for intermediate-term service from a desigr er than one year but less than five years.	ated gene	rating unit. The same as	LU service expect that	"intermediate-term" means
long	er than one year but less than live years.				
	For exchanges of electricity. Use this cate		ansactions involving a bal	ancing of debits and c	redits for energy, capacity, etc.
and	any settlements for imbalanced exchanges				
08-	for other service. Use this category only f	or those se	arvices which cannot be n	laced in the above-def	ined categories, such as all
	firm service regardless of the Length of the				
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	Schedule or Mariff Number De		verage Average NCP Demand Monthly CP Demand
	(a)	(b)	(c)	(d)	Troi Boniana Monting of Boniana
1	WM RENEWABLE ENERGY,LLC				(e) (f)
	WIN KENEWABLE LINEKOT, LLC	LU	(1)	. ,	(e) (f)
2	·	LU LU	(1)		(e) (f)
	·		(1)		(e) (f)
	WM3 PROPERTIES	LU	(1) (1)		(e) (f)
3	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM,LLC	LU	(1)		(e) (f)
3	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM,LLC YADKINVILLE SOLAR, LLC	LU LU	(1) (1) (1)		(e) (f)
3 4 5	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM,LLC YADKINVILLE SOLAR, LLC YORK ROAD SOLAR I, LLC	LU LU LU	(1) (1) (1) (1)		(e) (f)
3 4 5 6	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM,LLC YADKINVILLE SOLAR, LLC YORK ROAD SOLAR I , LLC YUZE HOLDINGS LLC	LU LU LU LU LU	(1) (1) (1) (1) (1) (1)		(e) (f)
3 4 5 6 7	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM,LLC YADKINVILLE SOLAR, LLC YORK ROAD SOLAR I , LLC YUZE HOLDINGS LLC	LU LU LU LU LU	(1) (1) (1) (1) (1) (1) (1)		(e) (f)
3 4 5 6 7 8 9	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM, LLC YADKINVILLE SOLAR, LLC YORK ROAD SOLAR I , LLC YUZE HOLDINGS LLC YVES NAAR	LU LU LU LU LU LU LU LU LU	(1) (1) (1) (1) (1) (1) (1)		(e) (f)
3 4 5 6 7 8 9	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM,LLC YADKINVILLE SOLAR, LLC YORK ROAD SOLAR I , LLC YUZE HOLDINGS LLC YVES NAAR Southeastern Power Administration Residential Solar Credit	LU LU LU LU LU LU LU OS	(1) (1) (1) (1) (1) (1) (1)		(e) (f)
3 4 5 6 7 8 9 10	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM,LLC YADKINVILLE SOLAR, LLC YORK ROAD SOLAR I , LLC YUZE HOLDINGS LLC YVES NAAR Southeastern Power Administration Residential Solar Credit	LU LU LU LU LU LU OS	(1) (1) (1) (1) (1) (1) (1) (1) (1)		(e) (f)
3 4 5 6 7 8 9 10	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM, LLC YADKINVILLE SOLAR, LLC YORK ROAD SOLAR I , LLC YUZE HOLDINGS LLC YVES NAAR Southeastern Power Administration Residential Solar Credit North Carolina Municipal Power Agency	LU LU LU LU LU IU OS OS EX	(1) (1) (1) (1) (1) (1) (1) (1) (1) 124		(e) (f)
3 4 5 6 7 8 9 10 11	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM,LLC YADKINVILLE SOLAR, LLC YORK ROAD SOLAR I , LLC YUZE HOLDINGS LLC YVES NAAR Southeastern Power Administration Residential Solar Credit North Carolina Municipal Power Agency North Carolina Electric Member	LU LU LU LU LU IU OS OS EX	(1) (1) (1) (1) (1) (1) (1) (1) (1) 124		(e) (f)
3 4 5 6 7 8 9 10 11 12	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM,LLC YADKINVILLE SOLAR, LLC YORK ROAD SOLAR I , LLC YUZE HOLDINGS LLC YVES NAAR Southeastern Power Administration Residential Solar Credit North Carolina Municipal Power Agency North Carolina Electric Member Corporation	LU LU LU LU IU OS OS EX EX	(1) (1) (1) (1) (1) (1) (1) (1) (1) 124		(e) (f)
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3 4 5 6 7 8 9 10 11 12	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM,LLC YADKINVILLE SOLAR, LLC YORK ROAD SOLAR I , LLC YUZE HOLDINGS LLC YVES NAAR Southeastern Power Administration Residential Solar Credit North Carolina Municipal Power Agency North Carolina Electric Member Corporation	LU LU LU LU IU OS OS EX EX	(1) (1) (1) (1) (1) (1) (1) (1) (1) 124		(e) (f)
3 4 5 6 7 8 9 10 11 12 13	WM3 PROPERTIES WRIGHT OF THOMASVILLE INC YADKIN 601 FARM,LLC YADKINVILLE SOLAR, LLC YORK ROAD SOLAR I , LLC YUZE HOLDINGS LLC YVES NAAR Southeastern Power Administration Residential Solar Credit North Carolina Municipal Power Agency North Carolina Electric Member Corporation	LU LU LU LU IU OS OS EX EX	(1) (1) (1) (1) (1) (1) (1) (1) (1) 124		(e) (f)

Duke Energy Carolinas, LLC    2)	Nam	e of Respondent	This Re	eport Is: (]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 debits and credits for energy, capacity, et.) 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 arroy 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 plants to provide on an ongoing basis (i.e., the supplier includes projects load for his service in its system resource) praining. 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 unliaterally 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 intermediate-term service from a designated generating unit. "Long-term" means five years or longer. The availability and relia	Duke	e Energy Carolinas, LLC				End of
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, et.) 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 arroy 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 plants to provide on an ongoing basis (i.e., the supplier includes projects load for his service in its system resource) praining. 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 unliaterally 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 intermediate-term service from a designated generating unit. "Long-term" means five years or longer. The availability and relia			PURC	HASED POWER (Account 5 cluding power exchanges)	55)	
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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) (a)  Pledmont Municipal Power Agency Street			or all firm s	services, where the duration	on of each period of com	nmitment for service is one
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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.  Ine Name of Company or Public Authority (Footnote Affiliations)  (a)  Statistical Schedule or Tariff Number (c)  (b)  Pedmont Municipal Power Agency  North Carolina Municipal Power Agency  Average Monthly NCP Demand (MW)  Average Monthly NCP Demand (MW)  Average Monthly NCP Demand (MW)  Average Monthly NCP Demand (MW)  Average Monthly NCP Demand (MW)  Average Monthly NCP Demand (MW)  Average Monthly NCP Demand (MW)  Average Monthly NCP Demand (MW)  For the Carolina Electric Member  Service of the service of the service of the service of the nature of the service from designated units of Less than one year. Describe the nature of the service from designated units of Less than one year. Describe the nature of the service from designated units of Less than one year. Describe the nature of the service from designated units of Less than one year. Describe the nature of the service from designated units of Less than one year. Describe the nature of the service from designated units of Less than one year. Describe the nature of the service from designated units of Less than one year. Describe the nature of the service from designated units of Less than one year. Describe the nature of the service from designated units of Less than one year. Describe the nature of the service from designated units of Less than one year. Describe the nature of the service from designated units of Less than one year. Describe the nature of the service of the nature of the service of the nature of the service of the nature of the service of the nature of the service of the nature of the service of the nature of the service of the nature of the service of the nature of the servic	long	or than one year bat lede than live years.				
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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.    Including   Name of Company or Public Authority (Footnote Affiliations)   Statistical (a)   FERC Rate Schedule or Tariff Number (b)   (c)   (d)   Morthly Billing Demand (MW) (d)   Average Monthly NCP Demand (MW) (e)   Morth Carolina Municipal Power Agency   EX   314     Statistical California Municipal Power Agency   Statistical (c)   Statistical California Municipal Power Agency   Average Monthly Municipal Power Agency   Average Monthly Municipal Power Agency   Average Monthly Municipal Power Agency   Average Monthly Municipal Power Agency   Average Monthly Municipal Power Agency   Average Monthly Municipal Power Agency   Average Monthly Municipal P	and	any settlements for imbalanced exchanges.				
Line No. No. No. No. No. No. No. No. No. No.	non-	firm service regardless of the Length of the	contract a			
No. (Footnote Affiliations) (a)  Piedmont Municipal Power Agency (b)  North Carolina Municipal Power Agency (c)  North Carolina Municipal Power Agency (d)  North Carolina Municipal Power Agency (e)  North Carolina Municipal Power Agency (f)  North Carolina Electric Member (g)  North Carolina Electric Member (g)  North Carolina Electric Member (h)  North Carolina Electric Member (g)  North Carolina Electric Member (h)  Nort	or th	e service in a foothole for each adjustment.		T I		
No. (Footnote Affiliations) (a) (b) (cation (b) (c) (d) (d) (e) (f) (e) (f) (f) (h) (f) (e) (f) (f) (h) (f) (h) (f) (h) (f) (h) (f) (h) (f) (h) (f) (h) (f) (h) (f) (h) (f) (h) (f) (h) (f) (h) (f) (h) (h) (h) (h) (h) (h) (h) (h) (h) (h	Line	' ' '			5	· /
2 North Carolina Municipal Power Agency         OS         271           3 North Carolina Electric Member         OS         273           4 Corporation         ————————————————————————————————————	No.	, , , , , , , , , , , , , , , , , , , ,	cation	Tariff Number De	emand (MW) Monthly N	CP Demand Monthly CP Demand
3 North Carolina Electric Member   OS   273	1	Piedmont Municipal Power Agency	EX	314		
4 Corporation 5 Piedmont Municipal Power Agency 6 Blue Ridge Electric Membership 7 Corporation 8 Cargill Power Markets, LLC 9 Cherokee County Cogeneration 10 Partners, LLC 11 City of Concord, North Carolina 12 City of Kings Mountain, North Carolina 13 DE Progress 14 DE Progress 16 Slue Ridge Electric Membership 17 RQ 18 Slue Ridge Electric Membership 18 RQ 19 Slue Ridge Electric Membership 19 RQ 19 Slue Ridge Electric Membership 10 Corporation 10 City of Concord, North Carolina 11 City of Concord, North Carolina 12 RQ 13 Slue Ridge Electric Membership 14 DE Progress 15 Slue Ridge Electric Membership 16 RQ 17 Slue Ridge Electric Membership 17 Slue Ridge Electric Membership 18 Slue Ridge Electric Membership 19 RQ 10 Slue Ridge Electric Membership 19 RQ 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 11 Slue Ridge Electric Membership 12 Slue Ridge Electric Membership 13 Slue Ridge Electric Membership 15 Slue Ridge Electric Membership 16 Slue Ridge Electric Membership 17 Slue Ridge Electric Membership 18 Slue Ridge Electric Membership 19 Slue Ridge Electric Membership 19 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Membership 10 Slue Ridge Electric Memb	2	North Carolina Municipal Power Agency	OS	271		
5 Piedmont Municipal Power Agency OS 313 6 Blue Ridge Electric Membership RQ 315 7 Corporation 8 Cargill Power Markets, LLC OS (2) 9 Cherokee County Cogeneration OS (2) 10 Partners, LLC 11 City of Concord, North Carolina RQ 327 12 City of Kings Mountain, North Carolina RQ 331 13 DE Progress OS 341 14 DE Progress AD 341	3	North Carolina Electric Member	OS	273		
6 Blue Ridge Electric Membership RQ 315  7 Corporation  8 Cargill Power Markets, LLC OS (2)  9 Cherokee County Cogeneration OS (2)  10 Partners, LLC  11 City of Concord, North Carolina RQ 327  12 City of Kings Mountain, North Carolina RQ 331  13 DE Progress OS 341  14 DE Progress AD 341	4	Corporation				
7 Corporation	5	Piedmont Municipal Power Agency	OS	313		
8 Cargill Power Markets, LLC         OS         (2)           9 Cherokee County Cogeneration         OS         (2)           10 Partners, LLC         City of Concord, North Carolina         RQ         327           12 City of Kings Mountain, North Carolina         RQ         331           13 DE Progress         OS         341           14 DE Progress         AD         341	6	Blue Ridge Electric Membership	RQ	315		
9 Cherokee County Cogeneration OS (2)  10 Partners, LLC  11 City of Concord, North Carolina RQ 327  12 City of Kings Mountain, North Carolina RQ 331  13 DE Progress OS 341  14 DE Progress AD 341	7	Corporation				
10 Partners, LLC  11 City of Concord, North Carolina RQ 327  12 City of Kings Mountain, North Carolina RQ 331  13 DE Progress OS 341  14 DE Progress AD 341	8	Cargill Power Markets, LLC	OS	(2)		
11 City of Concord, North Carolina RQ 327  12 City of Kings Mountain, North Carolina RQ 331  13 DE Progress OS 341  14 DE Progress AD 341	9	Cherokee County Cogeneration	OS	(2)		
12 City of Kings Mountain, North Carolina RQ 331  13 DE Progress OS 341  14 DE Progress AD 341	10	Partners, LLC				
13 DE Progress OS 341  14 DE Progress AD 341	11	City of Concord, North Carolina	RQ	327		
14 DE Progress AD 341	12	City of Kings Mountain, North Carolina	RQ	331		
	13	DE Progress	OS	341		
Total	14	DE Progress	AD	341		
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TOTAL		Total				
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Nam	e of Respondent	This Re	port Is: []An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report
Duk	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	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.) 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 any settlan an excha interest o	oreport exchanges of ele ements for imbalanced ex nge transaction in column r affiliation the respondent	ctricity (i.e., transaction changes. (a). Do not abbreviate has with the seller.	or truncate the name or use
supp	for requirements service. Requirements so olier includes projects load for this service in same as, or second only to, the supplier's se	its syster	m resource planning). In a	ddition, the reliability of	
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	for intermediate-term firm service. The sam five years.	e as LF s	ervice expect that "interme	ediate-term" means lonç	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
	for long-term service from a designated gerice, aside from transmission constraints, mu	•	•	,	
	for intermediate-term service from a designate than one year but less than five years.	ated gene	rating unit. The same as	LU service expect that '	intermediate-term" means
long	or than one year but less than live years.				
	For exchanges of electricity. Use this cate		ansactions involving a bal	ancing of debits and cre	edits for energy, capacity, etc.
and	any settlements for imbalanced exchanges.				
08	for other service. Use this category only for	r those se	anvices 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.		ŭ		,
Line	Name of Company or Public Authority	Statistical	FERC Rate	Average	Actual Demand (MW)
No.	(Footnote Affiliations)	Classifi- cation		onthly Billing Ave emand (MW) Monthly N	erage Average ICP Demand Monthly CP Demand
	(a)	(b)	(c)	` '	(e) (f)
1	EDF Trading North America, LLC	OS	(2)		
2	Exelon Generation Company, LLC	OS	(2)		
3	Haywood Electric Membership	RQ	335		
4	Corporation				
5	Macquarie Energy, LLC	OS	(2)		
6	Morgan Stanley Capital Group Inc.	OS	(2)		
7	NC Electric Member Corporation	RQ	326		
8	NC Electric Member Corporation	OS	(2)		
9	North Carolina Municipal Power Agency	RQ	318		
10	Number 1				
11	North Carolina Municipal Power Agency	OS	(2)		
12	Number 1				
13	Piedmont Electric Membership	RQ	316		
14	Corporation				
<b>—</b>			<del>                                     </del>		
					l l
	Total				

IName	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	04/12/2018	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 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 settl 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 ( has with the seller.	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 s	n its syster	n resource planning). In a	addition, the reliability of	
econ 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 h meets the definition of RQ service. For a led as the earliest date that either buyer or	liable ever of LF servi Ill 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 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	nmitment for service is one
	for long-term service from a designated ge ce, aside from transmission constraints, m	•	•	,	, ,
I	for intermediate-term service from a designer than one year but less than five years.	ated gene	rating unit. The same as	LU 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 bal	ancing of debits and cre	dits for energy, capacity, etc.
and a	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		onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
	(a)	(b)	(c)	, ,	e) (f)
1	Piedmont Municipal Power Agency	RQ	340		
2	PJM Settlements, Inc	os			
		US	(2)		
3	PJM Settlements, Inc	AD			
4			(2)		
	PJM Settlements, Inc	AD			
4	PJM Settlements, Inc South Carolina Electric & Gas Company	AD AD	(2)		
4 5	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company	AD AD	(2)		
4 5 6	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company Transmission	AD AD OS	(2) (2) (2)		
4 5 6 7	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company Transmission Southern Company Services, Inc.	AD AD OS	(2) (2) (2) (2)		
4 5 6 7 8	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company Transmission Southern Company Services, Inc. Southern Company Services, Inc.	AD AD OS OS AD	(2) (2) (2) (2) (2)		
4 5 6 7 8 9	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company Transmission Southern Company Services, Inc. Southern Company Services, Inc. Tennessee Valley Authority	AD OS OS AD OS	(2) (2) (2) (2) (2) (2)		
4 5 6 7 8 9 10	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company Transmission Southern Company Services, Inc. Southern Company Services, Inc. Tennessee Valley Authority Tennessee Valley Authority	AD OS OS AD OS	(2) (2) (2) (2) (2) (2)		
4 5 6 7 8 9 10	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company Transmission Southern Company Services, Inc. Southern Company Services, Inc. Tennessee Valley Authority Transmission	AD OS OS AD OS OS OS	(2) (2) (2) (2) (2) (2) (2)		
4 5 6 7 8 9 10 11	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company Transmission Southern Company Services, Inc. Southern Company Services, Inc. Tennessee Valley Authority Tennessee Valley Authority Transmission The Energy Authority	AD OS OS AD OS OS OS OS OS	(2) (2) (2) (2) (2) (2) (2) (2)		
4 5 6 7 8 9 10 11 12	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company Transmission Southern Company Services, Inc. Southern Company Services, Inc. Tennessee Valley Authority Tennessee Valley Authority Transmission The Energy Authority	AD OS OS AD OS OS OS OS OS	(2) (2) (2) (2) (2) (2) (2) (2)		
4 5 6 7 8 9 10 11 12	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company Transmission Southern Company Services, Inc. Southern Company Services, Inc. Tennessee Valley Authority Tennessee Valley Authority Transmission The Energy Authority	AD OS OS AD OS OS OS OS OS	(2) (2) (2) (2) (2) (2) (2) (2)		
4 5 6 7 8 9 10 11 12	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company Transmission Southern Company Services, Inc. Southern Company Services, Inc. Tennessee Valley Authority Tennessee Valley Authority Transmission The Energy Authority	AD OS OS AD OS OS OS OS OS	(2) (2) (2) (2) (2) (2) (2) (2)		
4 5 6 7 8 9 10 11 12	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company Transmission Southern Company Services, Inc. Southern Company Services, Inc. Tennessee Valley Authority Tennessee Valley Authority Transmission The Energy Authority	AD OS OS AD OS OS OS OS OS	(2) (2) (2) (2) (2) (2) (2) (2)		
4 5 6 7 8 9 10 11 12 13	PJM Settlements, Inc South Carolina Electric & Gas Company South Carolina Electric & Gas Company Transmission Southern Company Services, Inc. Southern Company Services, Inc. Tennessee Valley Authority Tennessee Valley Authority Transmission The Energy Authority	AD OS OS AD OS OS OS OS OS	(2) (2) (2) (2) (2) (2) (2) (2)		

	e of Respondent	This Re	An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of
		PURC	HASED POWER (Account 55 cluding power exchanges)	55)	-
debit 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 in column (b), enter a Statistical Classificatio	year. Als I any settle an exchai interest o	o report exchanges of electements 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	
econ ener whic	for long-term firm service. "Long-term" meanomic 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	iable even of LF servi Il transacti	under adverse conditions ce). This category should on identified as LF, provid	(e.g., the supplier mus not be used for long-te e in a footnote the term	t attempt to buy emergency rm firm service firm service
	for intermediate-term firm service. The same five years.	e as LF se	ervice expect that "interme	diate-term" means long	er than one year but less
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	for long-term service from a designated geinde, aside from transmission constraints, mu	•	•		,
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	For exchanges of electricity. Use this cate any settlements for imbalanced exchanges.		ansactions involving a bala	ancing of debits and cre	dits for energy, capacity, etc.
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os -	for other service. Use this category only for	or those se	ervices which cannot be plant	aced in the above-defin	ed categories, such as all
	firm service regardless of the Length of the		and service from designate	d units of Less than on	e year. Describe the nature
of th	e service in a footnote for each adjustment.		1		
Line	Name of Company or Public Authority	Statistical Classifi-		Average	Actual Demand (MW)
No.	(Footnote Affiliations)			onthly Billing Ave	
	(a)	cation (b)	(c)		rage Average CP Demand Monthly CP Demand e) (f)
1	(a)				CP Demand Monthly CP Demand
	(a) Town of Forest City, North Carolina	(b)	(c)		CP Demand Monthly CP Demand
	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine	(b)	(c) 330		CP Demand Monthly CP Demand
3	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp	(b)	(c) 330 (3)		CP Demand Monthly CP Demand
2 3 4	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC	(b) RQ EX	(c) 330		CP Demand Monthly CP Demand
2 3 4 5	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC	(b) RQ EX	(c) 330 (3) (3) (3)		CP Demand Monthly CP Demand
2 3 4 5 6	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA	(b) RQ EX EX	(c) 330 (3) (3)		CP Demand Monthly CP Demand
2 3 4 5 6 7	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA Piedmont Municipal Power Agency	(b) RQ EX EX EX EX	(c) 330 (3) (3) (3) (3)		CP Demand Monthly CP Demand
2 3 4 5 6 7	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA Piedmont Municipal Power Agency	(b) RQ EX EX EX EX EX	(c) 330 (3) (3) (3) (3) (3)		CP Demand Monthly CP Demand
2 3 4 5 6 7 8	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA Piedmont Municipal Power Agency Southern Power Company - Cleveland Plant	(b) RQ EX EX EX EX EX	(c) 330 (3) (3) (3) (3) (3) (3)		CP Demand Monthly CP Demand
2 3 4 5 6 7 8 9	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA Piedmont Municipal Power Agency Southern Power Company - Cleveland Plant Southern Power Company - Rowan Plant	(b) RQ EX EX EX EX EX EX EX	(c) 330 (3) (3) (3) (3) (3) (3) (3) (3) (3)		CP Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA Piedmont Municipal Power Agency Southern Power Company - Cleveland Plant Southern Power Company - Rowan Plant City of Seneca	(b) RQ EX EX EX EX EX EX EX EX	(c) 330 (3) (3) (3) (3) (3) (3)		CP Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA Piedmont Municipal Power Agency Southern Power Company - Cleveland Plant Southern Power Company - Rowan Plant City of Seneca EnergyUnited Electric Memb	(b) RQ EX EX EX EX EX EX EX EX EX	(c) 330 (3) (3) (3) (3) (3) (3) (3) (3) (4)		CP Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA Piedmont Municipal Power Agency Southern Power Company - Cleveland Plant Southern Power Company - Rowan Plant City of Seneca EnergyUnited Electric Memb	(b) RQ EX EX EX EX EX EX EX EX EX	(c) 330 (3) (3) (3) (3) (3) (3) (3) (3) (4) (4)		CP Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA Piedmont Municipal Power Agency Southern Power Company - Cleveland Plant Southern Power Company - Rowan Plant City of Seneca EnergyUnited Electric Memb	(b) RQ EX EX EX EX EX EX EX EX EX	(c) 330 (3) (3) (3) (3) (3) (3) (3) (3) (4) (4)		CP Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA Piedmont Municipal Power Agency Southern Power Company - Cleveland Plant Southern Power Company - Rowan Plant City of Seneca EnergyUnited Electric Memb	(b) RQ EX EX EX EX EX EX EX EX EX	(c) 330 (3) (3) (3) (3) (3) (3) (3) (3) (4) (4)		CP Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA Piedmont Municipal Power Agency Southern Power Company - Cleveland Plant Southern Power Company - Rowan Plant City of Seneca EnergyUnited Electric Memb	(b) RQ EX EX EX EX EX EX EX EX EX	(c) 330 (3) (3) (3) (3) (3) (3) (3) (3) (4) (4)		CP Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA Piedmont Municipal Power Agency Southern Power Company - Cleveland Plant Southern Power Company - Rowan Plant City of Seneca EnergyUnited Electric Memb	(b) RQ EX EX EX EX EX EX EX EX EX	(c) 330 (3) (3) (3) (3) (3) (3) (3) (3) (4) (4)		CP Demand Monthly CP Demand
2 3 4 5 6 7 8 9 10 11 12	(a) Town of Forest City, North Carolina Broad River Energy Center c/o Calpine Corp Cargill-Alliant, LLC Macquarie Energy LLC NCMPA Piedmont Municipal Power Agency Southern Power Company - Cleveland Plant Southern Power Company - Rowan Plant City of Seneca EnergyUnited Electric Memb	(b) RQ EX EX EX EX EX EX EX EX EX	(c) 330 (3) (3) (3) (3) (3) (3) (3) (3) (4) (4)		CP Demand Monthly CP Demand

Nam	e of Respondent		eport Is: (]An Original	Date of Rep (Mo, Da, Yr)			iod of Report
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	<b>'</b>	End of	2017/Q4
		PURC	CHASED 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 Classification	year. Als any settl an excha interest c	so report exchanges of ele ements for imbalanced ex nge transaction in column or affiliation the responden	ctricity (i.e., tranchanges. (a). Do not able t has with the se	breviate o	r truncate th	e name or use
supp	for requirements service. Requirements service includes projects load for this service in same as, or second only to, the supplier's se	its system	m resource planning). In a	addition, the reli			
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	for intermediate-term firm service. The sam five years.	e as LF s	ervice expect that "interme	ediate-term" me	ans longe	er than one y	ear but less
	for short-term service. Use this category fo or less.	or all firm	services, where the duration	on of each perio	od of comr	mitment for s	service is one
	for long-term service from a designated ger ice, aside from transmission constraints, mu						nd reliability of
	for intermediate-term service from a designa er than one year but less than five years.	ated gene	erating unit. The same as	LU service expe	ect that "in	ntermediate-	term" means
	For exchanges of electricity. Use this category		ansactions involving a bal	ancing of debits	and cred	lits for energ	y, capacity, etc.
and	any settlements for imbalanced exchanges.						
os -	for other service. Use this category only fo	r those s	ervices which cannot be p	laced in the abo	ve-define	d categories	s, such as all
non-	firm service regardless of the Length of the						
of th	e service in a footnote for each adjustment.						
Line	Name of Company or Public Authority	Statistical		Average		Actual Dema	,
No.	(Footnote Affiliations) (a)	cation (b)		onthly Billing emand (MW) (d)	Avera Monthly NC (e)	P Demand M	Average Ionthly CP Demand (f)
1	` '	EX	(4)	(u)	(6)	,	(1)
		=X EX	(4)				
	·	=X EX	(4)				
4		_^ EX	(4)				
5		_^	(4)				
	7 ' '	OS	Ferc 890				
	· · · · ·	)S )S					
	•	OS OS	Ferc 890 Ferc 890				
	• •						
9		OS OS	Ferc 890				
	' '	OS OS	Ferc 890				
	, 0,	OS OS	Ferc 890 Ferc 890				
	Involgan Stanley Capital Group Inc						
	Painhow Energy Marketing			Į.		l	
	Rainbow Energy Marketing (	OS	Ferc 890				
14	Rainbow Energy Marketing (	JS	Ferc 890				
	Rainbow Energy Marketing (		Ferc 890				
	Rainbow Energy Marketing (	JS	Ferc 890				
	Rainbow Energy Marketing (	JS	Ferc 890				
	Rainbow Energy Marketing (	J.S	Ferc 890				

Duke	e of Respondent	This Re	An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report
Danc	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of
		PURC (In	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 in column (b), enter a Statistical Classificatio	year. Als d any settle an exchai 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 came as, or second only to, the supplier's se	its syster	n resource planning). In a	ddition, the reliability of	
econ ener whic	for long-term firm service. "Long-term" meanomic 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	iable even of LF servi Il transacti	n under adverse conditions ce). This category should ion identified as LF, provice	(e.g., the supplier must not be used for long-te e in a footnote the term	attempt to buy emergency m firm service firm service
	for intermediate-term firm service. The same five years.	ie as LF se	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
I	for long-term service from a designated geinge, aside from transmission constraints, mu	•	•	,	,
I	for intermediate-term service from a designate than one year but less than five years.	ated gene	rating unit. The same as	_U service expect that "i	intermediate-term" means
					19. 6
	For exchanges of electricity. Use this cate any settlements for imbalanced exchanges.		ansactions involving a bal	ancing of debits and cre	dits for energy, capacity, etc.
	for other service. Use this category only for service regardless of the Length of the				
	e service in a footnote for each adjustment.		and dervice from debignate	d unite of Lege than one	year. Becombe the nature
Line	Name of Company or Public Authority	Statistical			
		Statistical	FERC Rate	Average	Actual Demand (MW)
No.	(Footnote Affiliations)	Classifi- cation	Schedule or Mo Tariff Number De	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 NO.	(Footnote Affiliations) (a)	Classifi-	Schedule or Mo	onthly Billing Ave emand (MW) Monthly N	rage Average
	(Footnote Affiliations) (a)	Classifi- cation (b)	Schedule or Mo Tariff Number De (c)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1	(Footnote Affiliations) (a) South Carolina Public Service Authority - p2p	Classifi- cation (b)	Schedule or Mo Tariff Number De (c)	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2	(Footnote Affiliations) (a)  South Carolina Public Service  Authority - p2p  Southern Wholesale	Classification (b)	Schedule or Tariff Number (c) Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4	(Footnote Affiliations) (a) South Carolina Public Service Authority - p2p Southern Wholesale The Energy Authority	Classification (b) OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4	(Footnote Affiliations) (a)  South Carolina Public Service Authority - p2p  Southern Wholesale The Energy Authority  Westar Energy	Classification (b) OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4 5 6	(Footnote Affiliations) (a)  South Carolina Public Service Authority - p2p  Southern Wholesale The Energy Authority  Westar Energy	Classification (b) OS OS OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4 5 6 7 8	(Footnote Affiliations) (a)  South Carolina Public Service Authority - p2p  Southern Wholesale The Energy Authority  Westar Energy	Classification (b) OS OS OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4 5 6 7 8	(Footnote Affiliations) (a)  South Carolina Public Service Authority - p2p  Southern Wholesale The Energy Authority  Westar Energy	Classification (b) OS OS OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4 5 6 7 8 9	(Footnote Affiliations) (a)  South Carolina Public Service Authority - p2p  Southern Wholesale The Energy Authority  Westar Energy	Classification (b) OS OS OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4 5 6 7 8 9 10	(Footnote Affiliations) (a)  South Carolina Public Service Authority - p2p  Southern Wholesale The Energy Authority  Westar Energy	Classification (b) OS OS OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4 5 6 7 8 9 10 11	(Footnote Affiliations) (a)  South Carolina Public Service Authority - p2p  Southern Wholesale The Energy Authority  Westar Energy	Classification (b) OS OS OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4 5 6 7 8 9 10	(Footnote Affiliations) (a)  South Carolina Public Service Authority - p2p  Southern Wholesale The Energy Authority  Westar Energy	Classification (b) OS OS OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4 5 6 7 8 9 10 11 12	(Footnote Affiliations) (a)  South Carolina Public Service Authority - p2p  Southern Wholesale The Energy Authority  Westar Energy	Classification (b) OS OS OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4 5 6 7 8 9 10 11 12	(Footnote Affiliations) (a)  South Carolina Public Service Authority - p2p  Southern Wholesale The Energy Authority  Westar Energy	Classification (b) OS OS OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4 5 6 7 8 9 10 11 12	(Footnote Affiliations) (a)  South Carolina Public Service Authority - p2p  Southern Wholesale The Energy Authority  Westar Energy	Classification (b) OS OS OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4 5 6 7 8 9 10 11 12	(Footnote Affiliations) (a)  South Carolina Public Service  Authority - p2p  Southern Wholesale  The Energy Authority  Westar Energy  Operating Regulating	Classification (b) OS OS OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand
1 2 3 4 5 6 7 8 9 10 11 12	(Footnote Affiliations) (a)  South Carolina Public Service Authority - p2p  Southern Wholesale The Energy Authority  Westar Energy	Classification (b) OS OS OS OS	Schedule or Tariff Number (c) Ferc 890 Ferc 890 Ferc 890 Ferc 890	onthly Billing Ave emand (MW) Monthly N	rage Average CP Demand Monthly CP Demand

Duko Enoray Cara	ent	(1)	s Report Is:  XAn Original	(Mo, Da		Year/Period of Report End of 2017/Q4	
Duke Energy Caro	milias, LLC	(2)	A Resubmission	04/12/2	018		
		PURCH	ASED POWER(Accoun (Including power exch	t 555) (Continued) anges)			
-	eriod adjustment. Use in explanation in a foot			ments or "true-ups"	for service pro	ovided in prior reporting	
	•		•				
designation for th				•		nclude an appropriate under which service, as	
	nn (b), is provided. nts RO purchases and	d any tyne of se	ervice involving dema	nd charges imposed	l on a monnthi	ly (or longer) basis, ente	≥r
						in column (e), and the	
						nns (d), (e) and (f). Mor	
						and is the metered dema ported in columns (e) an	
	watts. Footnote any de				0	(0) 4	(.)
						) and (i) the megawatth	ours
•	ges received and deliv nd charges in column (			•	•	narges including	
						n (I). Report in column (	(m)
						olumn (m) the settlemen	
	et receipt of energy. If charges other than in					If the settlement amour	nt (I)
	de an explanatory foo	-	cration expenses, or	(2) excludes certain	Cicalis of Cita	inges covered by the	
	olumn (g) through (m)						
	hases on Page 401, lii I amount in column (i)					Received on Page 401	,
	ies as required and pro	•	_	_	iiiC 10.		
MegaWatt Hours	POWER EXCH			COST/SETTLEME			Line
MegaWatt Hours Purchased	MegaWatt Hours M	legaWatt Hours	Demand Charges	Energy Charges	Other Charg	jes Total (j+k+l)	Line
			Demand Charges (\$) (j)				1 1
Purchased	MegaWatt Hours M Received	egaWatt Hours Delivered		Energy Charges	Other Charg	res Total (j+k+l) of Settlement (\$)	No.
Purchased (g)	MegaWatt Hours M Received	egaWatt Hours Delivered		Energy Charges (\$) (k) 71,432 5,161	Other Charg	res Total (j+k+l) of Settlement (\$) (m) 71,432 5,161	No. 1 2
Purchased (g) 1,071 101 3	MegaWatt Hours M Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k) 71,432 5,161	Other Charg	Total (j+k+l) of Settlement (\$) (m) 71,432 5,161	No. 1 2 3
(g) 1,071 101 3 452	MegaWatt Hours M Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k) 71,432 5,161 166 28,257	Other Charg	Total (j+k+l) of Settlement (\$) (m) 71,432 5,161 166 28,257	No. 1 2 3 4
Purchased (g) 1,071 101 3 452 73	MegaWatt Hours Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k) 71,432 5,161 166 28,257 3,233	Other Charg	Total (j+k+l) of Settlement (\$) (m) 71,432 5,161 166 28,257 3,233	No. 1 2 3 4 5
Purchased (g) 1,071 101 3	MegaWatt Hours Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k) 71,432 5,161 166 28,257	Other Charg	Total (j+k+l) of Settlement (\$) (m) 71,432 5,161 166 28,257	No. 1 2 3 4 5 6
Purchased (g) 1,071 101 3 452 73 5,868	MegaWatt Hours Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k) 71,432 5,161 166 28,257 3,233 392,517	Other Charg	Total (j+k+l) of Settlement (\$) (m) 71,432 5,161 166 28,257 3,233 392,517 3	No.  1 2 3 4 5 6 7
Purchased (g) 1,071 101 3 452 73 5,868	MegaWatt Hours Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k) 71,432 5,161 166 28,257 3,233 392,517 3 622,568	Other Charg	Total (j+k+l) of Settlement (\$) (m) 71,432 5,161 166 28,257 3,233 392,517 3 622,568	No.  1 2 3 4 5 6 7
Purchased (g) 1,071 101 3 452 73 5,868 9,353 39,600	MegaWatt Hours Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k)  71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668	Other Charg	res Total (j+k+l) of Settlement (\$) (m) 71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668	No.  1 2 3 4 5 6 7 8 9
Purchased (g) 1,071 101 3 452 73 5,868	MegaWatt Hours Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k) 71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668 4,449,394	Other Charg	Total (j+k+l) of Settlement (\$) (m) 71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668 4,449,394	No.  1 2 3 4 5 6 7 8 9 10
Purchased (g)  1,071  101  3  452  73  5,868  9,353  39,600  77,631	MegaWatt Hours Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k) 71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668 4,449,394 111,397	Other Charg	Total (j+k+l) of Settlement (\$) (m) 71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668 4,449,394 111,397	No.  1 2 3 4 5 6 7 8 9 10 11
Purchased (g)  1,071  101  3  452  73  5,868  9,353  39,600  77,631	MegaWatt Hours Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k)  71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668 4,449,394 111,397 2,154,424	Other Charg	Total (j+k+l) of Settlement (\$) (m) 71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668 4,449,394 111,397 2,154,424	No.  1 2 3 4 5 6 7 8 9 10 11 12
Purchased (g)  1,071  101  3  452  73  5,868  9,353  39,600  77,631	MegaWatt Hours Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k) 71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668 4,449,394 111,397	Other Charg	Total (j+k+l) of Settlement (\$) (m) 71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668 4,449,394 111,397	No.  1 2 3 4 5 6 7 8 9 10 11 12 13
Purchased (g)  1,071  101  3  452  73  5,868  9,353  39,600  77,631	MegaWatt Hours Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k)  71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668 4,449,394 111,397 2,154,424	Other Charg	Total (j+k+l) of Settlement (\$) (m) 71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668 4,449,394 111,397 2,154,424	No.  1 2 3 4 5 6 7 8 9 10 11 12
Purchased (g)  1,071  101  3  452  73  5,868  9,353  39,600  77,631	MegaWatt Hours Received (h)	egaWatt Hours Delivered		Energy Charges (\$) (k)  71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668 4,449,394 111,397 2,154,424	Other Charg	Total (j+k+l) of Settlement (\$) (m) 71,432 5,161 166 28,257 3,233 392,517 3 622,568 2,335,668 4,449,394 111,397 2,154,424	No.  1 2 3 4 5 6 7 8 9 10 11 12 13

7,462,847

8,108,954

9,478,719

23,132,149

325,638,134

348,770,283

Name of Responde	ent		「his Report Is: 1) □ X An Original	Date of (Mo, Date	Report Xr)	Year/Period of Report	
Duke Energy Caro	linas, LLC	1 :	2) A Resubmission	04/12/2		End of2017/Q4	
		PURC	CHASED POWER(Account (Including power excha	555) (Continued)			
•	eriod adjustment. In explanation in a	Use this code for	r any accounting adjustm		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 during the hour (c) and the column to the mean out-of-period adjusted in the monthly or the near the column term of the mean column term of the mean out-of-period adjusted in the mean out-of-period in the mean out-of-period adjusted in the mean out-of-period adjusted in the mean out-of-period adjusted in the mean out-of-period adjusted in the mean out-of-period adjusted in the mean out-of-period adjusted in the mean out-of-period adjusted in the m	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 National Parate lines, list and any type of d in column (d), to CP) demand in column (for the column of the column	Number or Tariff, or, for rall FERC rate schedules, service involving demanche average monthly non olumn (f). For all other tyninute integration) demanched supplier's system reaches at the basis for settlementarges in column (k), and a footnote all component by the respondent. For was delivered than receneration expenses, or (filled on the last line of the otal amount in column (horted as Exchange Delivations following all requirements).	d charges imposed coincident peak (I pes of service, enter a month. Mores its monthly peal is and explain. Pespondent. Report not. Do not report not the total of any ot so of the amount shor power exchange eived, enter a negal eschedule. The total of must be reported ered on Page 401,	designations under a monnthly NCP) demand iter NA in columnathly CP demand report in columns (h) at exchange, the exchange of the column es, report in columnative amount, are dits or chait all amount in columnatal amount in columnatal amount in columnatal amount in columnatal 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	-	XCHANGES		COST/SETTLEM			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.
39,731	, ,		, , , , , , , , , , , , , , , , , , ,	2,849,531		2,849,531	1
				82,201		82,201	2
4,096				225,058		225,058	3
4,243				230,724		230,724	4
5,888				447,009		447,009	5
				10		10	6
9,019				690,916		690,916	7
7,007				463,387		463,387	8
5,107				340,502		340,502	9
3,673				260,257		260,257	
10							
315				กสสเ		6881	10
010				688 16,659		688 16.659	10 11
11				16,659		16,659	10 11 12
1							10 11

325,638,134

348,770,283

9,478,719

8,108,954

Name of Responde Duke Energy Caro			his Report Is: 1) XAn Original	Date of (Mo, Da	, Yr)	Year/Period of Report End of 2017/Q4	
Duke Lifelgy Calo	Jillas, LLC	,	2) A Resubmission	04/12/20	018		
		PURC	HASED POWER(Account 555 (Including power exchange	es) (Continued)			
-	eriod adjustment. In explanation in a		any accounting adjustmen adjustmen	ts or "true-ups" f	or service pro	vided 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 design of the detail in column for the design of the detail in column for the design of the detail in column for the design of the detail in column for the design of the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in the	identify the FERC ne contract. On sem (b), is provided nts RQ purchases age billing demand coincident peak (the maximum meter of the maximum maximum (g) the megaw ges received and charges in columustments, in columustments, in columustments, in columustments, in columustments of the the ceipt of energy of the charges of the the dide an explanatory of the column (g) through thases on Page 40 amount in column	Rate Schedule National Parate lines, list and any type of din column (d), to CP) demand in cered hourly (60-noion) in which the my demand not statthours shown addivered, used a mn (j), energy chann (l). Explain in a leived as settlement y. If more energy an incremental generation of the column (e), must be total of the column (i) must be reported.	Aumber or Tariff, or, for non all FERC rate schedules, tar service involving demand cone average monthly non-coolumn (f). For all other types into integration) demand is supplier's system reaches if ated on a megawatt basis at bills rendered to the responsibles the basis for settlement. If arges in column (k), and the affootnote all components on the post of the respondent. For pay was delivered than received eneration expenses, or (2) eled on the last line of the social amount in column (h) morted as Exchange Delivered ations following all required	charges imposed incident peak (Nos of service, enter in a month. Monits monthly peak and explain. Ondent. Report in the amount she power exchange excludes certain chedule. The total of nost peak excludes certain chedule. The total of nost peak excludes certain chedule. The total of nost peak excludes certain chedule. The total of nost peak excludes do n Page 401,	on a monnthl ICP) demand er NA in colun thly CP dema . Demand rep n columns (h) t exchange. her types of ch own in column s, report in co tive amount. credits or cha al amount in ca as Exchange	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 megawatthous arges, including (I). Report in column (e) alumn (m) the settlement amount ges covered by the column (g) must be	thly nd d (f) ours m) t t (l)
MagaWatt Haura	POWER E	XCHANGES		COST/SETTLEME	NT OF POWER	۲	Line
MegaWatt Hours Purchased (g)	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	Demand Charges Er	nergy Charges (\$) (k)	Other Charg (\$) (I)	es Total (j+k+l) of Settlement (\$) (m)	No.
3	, ,	.,	J,	158	.,	158	
5,906				386,949		386,949	1
6,221						417,739	1 2
				417,739			
7,409				563,595		563,595	2
7,409 4							3
7,409 4 1,771				563,595		563,595	3 4
4 1,771				563,595 220 117,320		563,595 220	2 3 4 5
4				563,595 220		563,595 220 117,320	2 3 4 5 6
4 1,771 8,696 3				563,595 220 117,320 571,621 132		563,595 220 117,320 571,621	2 3 4 5 6 7
4 1,771 8,696 3 9,912				563,595 220 117,320 571,621 132 697,652		563,595 220 117,320 571,621 132 697,652	2 3 4 5 6 7 8
4 1,771 8,696 3 9,912 5,166				563,595 220 117,320 571,621 132 697,652 342,852		563,595 220 117,320 571,621 132 697,652 342,852	2 3 4 5 6 7 8 9
4 1,771 8,696 3 9,912				563,595 220 117,320 571,621 132 697,652 342,852 7,244		563,595 220 117,320 571,621 132 697,652 342,852 7,244	2 3 4 5 6 7 8 9 10
4 1,771 8,696 3 9,912 5,166 143				563,595 220 117,320 571,621 132 697,652 342,852 7,244 230		563,595 220 117,320 571,621 132 697,652 342,852 7,244 230	2 3 4 5 6 7 8 9 10 11
4 1,771 8,696 3 9,912 5,166				563,595 220 117,320 571,621 132 697,652 342,852 7,244		563,595 220 117,320 571,621 132 697,652 342,852 7,244	2 3 4 5 6 7 8 9 10

325,638,134

348,770,283

9,478,719

8,108,954

Name of Responde			This Report Is: (1)      X An Original	Date of Ro (Mo, Da, `		Year/Period of Report End of 2017/Q4	
Duke Energy Caro	linas, LLC		(2) A Resubmission	04/12/201		End of	
		PUR	CHASED POWER(Account 555) ( (Including power exchanges)	Continued)	•		
-	eriod adjustment. n explanation in a		or any accounting adjustments on adjustments of the control of the	or "true-ups" fo	r service prov	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 folial that the hour (c) and the hour (c) and the hour department of power exchanged the total charges amount for the nonclude credits or agreement, proving the total in column c	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 I. s and any type of d in column (d), CP) demand in dered hourly (60-tion) in which the demand not stratthours shown delivered, used a mn (j), energy of the column (j). Explain in the eived as settlemental gran incremental gran	Number or Tariff, or, for non-FE all FERC rate schedules, tariffs if service involving demand charthe average monthly non-coince column (f). For all other types of minute integration) demand in a sesupplier's system reaches its stated on a megawatt basis and on bills rendered to the responsas the basis for settlement. Do narges in column (k), and the total a footnote all components of the ent by the respondent. For power years delivered than received, eneration expenses, or (2) excelled on the last line of the schedular total amount in column (h) must ported as Exchange Delivered contains following all required data.	ges imposed of ident peak (NC f service, enter a month. Month monthly peak. I explain. I dent. Report in not report net e amount show wer exchanges, enter a negatifudes certain or dule. The total to be reported an Page 401, lir	esignations un on a monnthly CP) demand in NA in column nly CP demand Demand repo columns (h) a exchange. er types of cha wn in column , report in column , report in column tredits or charge I amount in column as Exchange F	order which service, as or (or longer) basis, entern column (e), and the ns (d), (e) and (f). Mond is the metered demandered in columns (e) and and (i) the megawatth carges, including (l). Report in column (umn (m) the settlement of the settlement amount ges covered by the	thly and d (f) burs m) t at (l)
MegaWatt Hours	-	XCHANGES		ST/SETTLEMEN			Line
Purchased (g)	MegaWatt Hours Received (h)	MegaWatt Hou Delivered (i)	rs Demand Charges Energ (\$) (j)	yy Charges (\$) (k)	Other Charge (\$) (I)	es Total (j+k+l) of Settlement (\$) (m)	No.
2,424	, ,			156,932		156,932	1
13				641		641	2
12				576		576	3
2				80		80	4
8				331		331	5
6,724				448,647		448,647	6
681				48,926		48,926	7
				7		7	8
26				1,511		1,511	9
6,496				421,495		421,495	10
6				302		302	11
17,770				764,092		764,092	12
867				56,585		56,585	13
							14

325,638,134

348,770,283

9,478,719

8,108,954

	ent		his Report Is: 1) XAn Original	(Mo, Da	f Report	Year/Period of Report	•
Duke Energy Caro	linas, LLC	(2	2) A Resubmission	04/12/2	·	End of2017/Q4	
		PURC	HASED POWER(Accour (Including power exch	nt 555) (Continued) nanges)	<del>-</del>		
-	eriod adjustment. n explanation in a			tments or "true-ups"	for service prov	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 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 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 New parate lines, list and any type of and any type of and and any type of and and any type of and any type of and any type of any demand in ordered hourly (60-mion) in which the any demand not state atthours shown of delivered, used a min (j), energy chann (j), energ	Jumber or Tariff, or, for all FERC rate schedule service involving demande average monthly no plumn (f). For all other ninute integration) dem supplier's system reacted on a megawatt base to bills rendered to the sethe basis for settleme arges in column (k), are footnote all component by the respondent. If was delivered than remeration expenses, or led on the last line of the	es, tariffs or contract and charges imposed on-coincident peak (I types of service, entiand 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 negal (2) excludes certain the schedule. The to (h) must be reported ivered on Page 401,	designations under a monnthly NCP) demand iter NA in columnthly CP demand report in columns (h) et exchange. The types of change in column es, report in column es, report in column es, report in column et a credits or change ital amount in column et a sexchange	y (or longer) basis, entern column (e), and the ins (d), (e) and (f). Mond is the metered demonted in columns (e) and (i) the megawatthe arges, including (I). Report in column (blumn (m) the settlement of the settlement amourges covered by the	athly and d (f) cours (m) at t at (I)
	POWER E	XCHANGES		COST/SETTLEM	ENT OF POWER	3	
MegaWatt Hours		XCHANGES  MegaWatt Hours	B Demand Charges	COST/SETTLEMI Energy Charges		es   Total (j+k+l)	Line
Purchased	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges	Other Charge	es Total (j+k+l) of Settlement (\$)	Line No.
Purchased (g)	MegaWatt Hours	MegaWatt Hours	Demand Charges (\$) (j)	Energy Charges (\$) (k)		of Settlement (\$) (m)	1 1
Purchased (g) 2,680	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k) 182,267	Other Charge	Total (j+k+l) of Settlement (\$) (m) 182,267	No.
Purchased (g)	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)	Other Charge	es Total (j+k+l) of Settlement (\$) (m) 182,267 17,028	No.
Purchased (g) 2,680	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k) 182,267	Other Charge	Total (j+k+l) of Settlement (\$) (m) 182,267	No. 1 2 3
Purchased (g) 2,680 302	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k) 182,267 17,028 6	Other Charge	Total (j+k+l) of Settlement (\$) (m) 182,267 17,028 6	No. 1 2 3 4
Purchased (g) 2,680 302	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)  182,267  17,028  6  4  1,068	Other Charge	es Total (j+k+l) of Settlement (\$) (m) 182,267 17,028 6 4 1,068	No. 1 2 3 4 5
Purchased (g) 2,680 302	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)  182,267  17,028  6  4  1,068  232	Other Charge	Total (j+k+l) of Settlement (\$) (m)  182,267  17,028  6  4  1,068	No. 1 2 3 4 5 6
Purchased (g) 2,680 302	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)  182,267  17,028  6  4  1,068	Other Charge	Total (j+k+l) of Settlement (\$) (m) 182,267 17,028 6 4 1,068 232	No. 1 2 3 4 5 6 7
Purchased (g) 2,680 302 21 5	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)  182,267  17,028  6  4  1,068  232  10  6	Other Charge	es Total (j+k+l) of Settlement (\$) (m) 182,267 17,028 6 4 1,068 232 10 6	No.  1 2 3 4 5 6 7
Purchased (g) 2,680 302 21 5	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)  182,267  17,028  6  4  1,068  232  10  6  442,964	Other Charge	Total (j+k+l) of Settlement (\$) (m)  182,267  17,028  6  4  1,068  232  10  6  442,964	No.  1 2 3 4 5 6 7 8 9
Purchased (g)  2,680  302  21  5  7,587  9,388	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)  182,267  17,028  6  4  1,068  232  10  6  442,964  624,670	Other Charge	Total (j+k+l) of Settlement (\$) (m)  182,267  17,028  6  4  1,068  232  10  6  442,964  624,670	No.  1 2 3 4 5 6 7 8 9 10
Purchased (g) 2,680 302 21 5	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)  182,267  17,028  6  4,068  232  10  6  442,964  624,670  432,524	Other Charge	Total (j+k+l) of Settlement (\$) (m)  182,267  17,028  6  4  1,068  232  10  6  442,964  624,670  432,524	No.  1 2 3 4 5 6 7 8 9 10 11
Purchased (g)  2,680  302  21  5  7,587  9,388	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)  182,267  17,028  6  4,  1,068  232  10  6  442,964  624,670  432,524  49	Other Charge	Total (j+k+l) of Settlement (\$) (m)  182,267  17,028  6  4  1,068  232  10  6  442,964  624,670  432,524	No.  1 2 3 4 5 6 7 8 9 10 11 12
Purchased (g)  2,680  302  21  5  7,587  9,388	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)  182,267  17,028  6  4,068  232  10  6  442,964  624,670  432,524	Other Charge	Total (j+k+l) of Settlement (\$) (m)  182,267  17,028  6  4  1,068  232  10  6  442,964  624,670  432,524	No.  1 2 3 4 5 6 7 8 9 10 11 12 13
Purchased (g)  2,680  302  21  5  7,587  9,388	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)  182,267  17,028  6  4,  1,068  232  10  6  442,964  624,670  432,524  49	Other Charge	Total (j+k+l) of Settlement (\$) (m)  182,267  17,028  6  4  1,068  232  10  6  442,964  624,670  432,524	No.  1 2 3 4 5 6 7 8 9 10 11 12
Purchased (g)  2,680  302  21  5  7,587  9,388	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)  182,267  17,028  6  4,  1,068  232  10  6  442,964  624,670  432,524  49	Other Charge	Total (j+k+l) of Settlement (\$) (m)  182,267  17,028  6  4  1,068  232  10  6  442,964  624,670  432,524	No.  1 2 3 4 5 6 7 8 9 10 11 12 13
Purchased (g)  2,680  302  21  5  7,587  9,388	MegaWatt Hours Received	MegaWatt Hours Delivered		Energy Charges (\$) (k)  182,267  17,028  6  4,  1,068  232  10  6  442,964  624,670  432,524  49	Other Charge	Total (j+k+l) of Settlement (\$) (m)  182,267  17,028  6  4  1,068  232  10  6  442,964  624,670  432,524	No.  1 2 3 4 5 6 7 8 9 10 11 12 13

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Name of Responde			Γhis Report Is: 1)	Date of (Mo, Da	Report a, Yr)	Year/Period of Report End of 2017/Q4	
Duke Energy Caro	olinas, LLC		A Resubmission	04/12/2	018		
		PUR	CHASED POWER(Account 5 (Including power exchar	555) (Continued) iges)			
	•		r any accounting adjustm h adjustment.	ents or "true-ups"	for service pro	vided 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 design of the detail in column for the design of the detail in column for the design of the detail in column for the design of the detail in column for the design of the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in the	ne contract. On sem (b), is provided nts RQ purchases age billing demandation coincident peak (the maximum met 60-minute integral watts. Footnote arm (g) the megaw ges received and charges in colunustments, in colunustments, in colunustments of energer charges other that ide an explanatory olumn (g) through hases on Page 40 and amount in column	Rate Schedule Is parate lines, list d. 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 (delivered, used a mn (j), energy chann (l). Explain in eived as settlemental gran incremental g	Number or Tariff, or, for mall FERC rate schedules, service involving demand the average monthly non-olumn (f). For all other typininute integration) demands supplier's system reachested on a megawatt basis on bills rendered to the reast the basis for settlementarges in column (k), and a footnote all components ent by the respondent. For ywas delivered than receiveneration expenses, or (2) the otal amount in column (h) orted as Exchange Deliverations following all requires	tariffs or contract of charges imposed coincident peak (Notes of service, entaid in a month. Mores its monthly peaks and explain. spondent. Report to the total of any off the amount short power exchanges ived, enter a negatived, enter a negatived, enter a negative control of the total of any off the amount short power exchanges ived, enter a negative control of the total of any off the amount short power exchanges ived, enter a negative control of the total of any off the amount short power exchanges in the total of the	designations up to a monnth lace) demand er NA in column the CP demand repair columns (h) to exchange, the exchange of chown in columner, report in columner, report in column the column t	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 (l). Report in column (rolumn (m) the settlement of the settlement amount rges covered by the	hly nd I (f) urs m)
	POWER E	EXCHANGES		COST/SETTLEME	ENT OF POWE	2	
MegaWatt Hours	MegaWatt Hours	MegaWatt Hour	s Demand Charges	Energy Charges	Other Charg	es Total (j+k+l)	Line No.
Purchased (g)	Received (h)	Delivered (i)	(\$) (j)	(\$) (k)	(\$) (I)	of Settlement (\$) (m)	140.
117				5,886		5,886	1
2,632				129,897		129,897	2
6				311		311	3
4				188		188	4
13,137				562,645		562,645	
1,265				62,940		62,940	5
3,227				222 222		220,000	
				238,909		238,909	5
48				238,909		2,727	5 6
48 6,392							5 6 7
_				2,727		2,727	5 6 7 8
6,392				2,727 448,704		2,727 448,704	5 6 7 8 9
6,392				2,727 448,704 11,303 309		2,727 448,704 11,303	5 6 7 8 9
6,392 225 6 65,844				2,727 448,704 11,303 309 4,582,742		2,727 448,704 11,303 309 4,582,742	5 6 7 8 9 10
6,392 225 6				2,727 448,704 11,303 309		2,727 448,704 11,303 309	5 6 7 8 9 10 11

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Name of Responde Duke Energy Card			Гhis Report Is: 1) ХАп Original	Date of (Mo, Da	ı, Yr)	Year/Period of Report End of 2017/Q4	
Duke Ellergy Card	Jillas, LLO		2) A Resubmission	04/12/2	018		
		PUR	CHASED POWER(Account ( (Including power exchai	nges)			
•	eriod adjustment. an explanation in a		r any accounting adjustm h adjustment.	ents or "true-ups"	for service pro	ovided in prior reporting	
	·		•				
designation for th	ne contract. On se	parate lines, list	Number or Tariff, or, for n all FERC rate schedules,	•			
	mn (b), is provided		service involving demand	d charges imposed	l on a monnthl	ly (or longer) basis, ente	r
			the average monthly non-				'
			column (f). For all other ty				
			ninute integration) demar supplier's system reache				
			tated on a megawatt basi			(-,	. ( )
			on bills rendered to the re			and (i) the megawattho	urs
•	•		as the basis for settlemen narges in column (k), and	•	•	narges, including	
out-of-period adj	ustments, in colum	nn (I). Explain in	a footnote all components	s of the amount sh	own in column	ı (I). Report in column (r	
			ent by the respondent. For				
			y was delivered than rece eneration expenses, or (2				(1)
agreement, provi	ide an explanatory	footnote.					
			lled on the last line of the				
			otal amount in column (h orted as Exchange Delive			Received on Page 401,	
			ations following all requir	-			
MegaWatt Hours	POWER E MegaWatt Hours	XCHANGES  MegaWatt Hour	s Demand Charges	COST/SETTLEME Energy Charges	Other Charg		Line
Purchased	Received	Delivered	(\$)	(\$) (k)	(\$) (I)	of Settlement (\$)	No.
(g)	(h)	(i)	(j)	` '	(I)	(m)	
2,746				150,991 1,208		150,991 1,208	1
3,781				252,619		252,619	
56				5,560		5,560	3
48				-,			3
1	3 I			3,055		3,055	3
	3			3,055 37		3,055	3
9,225							3 4 5
9,225 6				37		37	3 4 5 6
				37 613,176		37 613,176	3 4 5 6 7
				37 613,176 352		37 613,176 352	3 4 5 6 7 8 9
				37 613,176 352 158		37 613,176 352 158 83 204	3 4 5 6 7 8 9 10
6 4 2 4				37 613,176 352 158 83 204 5		37 613,176 352 158 83 204	3 4 5 6 7 8 9 10 11
				37 613,176 352 158 83		37 613,176 352 158 83 204	3 4 5 6 7 8 9 10 11 12
6 4 2 4				37 613,176 352 158 83 204 5		37 613,176 352 158 83 204	3 4 5 6 7 8 9 10 11
6 4 2 4				37 613,176 352 158 83 204 5		37 613,176 352 158 83 204	3 4 5 6 7 8 9 10 11 12
6 4 2 4				37 613,176 352 158 83 204 5		37 613,176 352 158 83 204	3 4 5 6 7 8 9 10 11 12

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Name of Responde			Γhis Report Is: (1) □ X An Original	Date of (Mo, Da	Report a, Yr)	Year/Period of Report End of 2017/Q4	
Duke Energy Caro	olinas, LLC		(2) A Resubmission	04/12/2		End of	
		PUR	CHASED POWER(Account 555 (Including power exchange	) (Continued) s)	•		
	eriod adjustment. In explanation in a		r any accounting adjustment hadjustment	ts or "true-ups"	for service prov	vided 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 power exchanged the total charge stamount for the negal and the credits or agreement, proving 12. The total charge in the data in correported as Purcine 12. The total	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, in columustments 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. I. and any type of d in column (d), CP) demand in dered hourly (60-rion) in which the my demand not statthours shown delivered, used a mn (j), energy chan (l). Explain in eived as settlemely. If more energian incremental go footnote.  (m) must be total of, line 10. The fine (i) must be rep	Number or Tariff, or, for non- all FERC rate schedules, tar service involving demand clather average monthly non-coi column (f). For all other types minute integration) demand it supplier's system reaches in tated on a megawatt basis a con bills rendered to the responses the basis for settlement. En arges in column (k), and the anarges in column (k), and the anarges in column (k), and the anarges in column (k) and the anarges in column (k) and the anarges in column (k) and the anarges in column (k) and the anarges in column (k) and the anarges in column (k) and the anarges in column (k) and the anarges in column (k) morted as Exchange Deliverere ations following all required	arges imposed incident peak (Note of service, enter a month. More to mother than a month. More to mother than a month incident. Report to mother than a mount shower exchanged, enter a negative control of the amount shower exchanged, enter a negative to mother than a mount shower exchanged, enter a negative than a mount shower exchanged, enter a negative than a mount shower exchanged, enter a negative than a mount shower exchanged on the state of the to mount shower exchanged and the shower e	designations under a monnthly NCP) demand is er NA in columnathly CP demand. Demand reposition columns (h) et exchange. The types of challow amount. I credits or chartal amount in columnative amount. It can be a mount in columnative amount. It credits or chartal amount in columnative amount.	y (or longer) basis, entern column (e), and the ins (d), (e) and (f). Monind 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 and d (f) burs m) t
	DOWED F	VOLIANOES		NOT/OFTH FM	THE OF DOWER		
MegaWatt Hours	MegaWatt Hours	XCHANGES  MegaWatt Hour		COST/SETTLEME ergy Charges	Other Charge		Line
Purchased (g)	Received (h)	Delivered (i)	(\$) (j)	(\$) (k)	(\$) (I)	of Settlement (\$) (m)	No.
107				5,470		5,470	1
39				1,959		1,959	2
7				339		339	3
33				1,665		1,665	4
6				341		341	5
9,337				717,597		717,597	6
5				236		236	7
6,982				534,882		534,882	8
6				256		256	9
5				258		258	10
				7		7	11
9,027				603,714		603,714	12
15,407				893,769		893,769	13
							14

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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	04/12/2		End of2017/Q4	
		PUR	RCHASED POWER(Accoun (Including power exch	t 555) (Continued) anges)	*		
-	eriod adjustment. In explanation in a	Use this code for	or 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 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 energy in incremental go footnote. (m) must be toto 1, line 10. The n (i) must be rel	ch adjustment.  Number or Tariff, or, for tall FERC rate schedules of service involving demand the average monthly not column (f). For all other the integration of t	nd charges imposed in-coincident peak (Natypes of service, entand in a month. Mornes its monthly peak is and explain. The service of the amount short power exchange ceived, enter a negative of the schedule. The toth must be reported wered on Page 401,	designations up to a monnth lace) demand er NA in column the CP demand repair columns (h) to exchange, the exchange of chown in columner, report in columner, report in column the column t	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	thly and d (f) burs
MegaWatt Hours	-	XCHANGES		COST/SETTLEME			Line
Purchased (g)	MegaWatt Hours Received (h)	MegaWatt Hou Delivered (i)	urs Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charg (\$) (I)	es Total (j+k+l) of Settlement (\$) (m)	No.
6,262		( )	37	415,302		415,302	1
91				3,673		3,673	2
-							3
9,635				687,179		687,179	4
3				118		118	5
6				298		298	6
1				43		43	7
898				60,620		60,620	8
3,630				240,126		240,126	9
9,703				643,086		643,086	10
8,563				567,031		567,031	11
5				257		257	12
36				1,826		1,826	13
				.,.20		.,320	14

325,638,134

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8,108,954

Name of Responde			「his Report Is: 1)	Date of (Mo, Da	ı, Yr)	Year/Period of Report End of 2017/Q4	
Duke Energy Card	Jillas, LLC	,	2) A Resubmission	04/12/2	018		
		PURC	CHASED POWER(Account (Including power exch	t 555) (Continued) anges)			
•			r any accounting adjusti h adjustment.	ments or "true-ups"	for service pro	ovided in prior reporting	
4. In column (c), designation for the dentified in column 5. For requirement he monthly average monthly NCP demand is fouring the hour (must be in mega 6. Report in column for exchange fout-of-period adjudent for the nonclude credits of agreement, proving 12. The total charge is greented as Purcine 12. The total	the contract. On sem (b), is provided that RQ purchases that RQ purchases that RQ purchases that RQ purchases that RQ purchases that RQ purchases that RQ purchases that RQ purchases that RQ purchases that RQ purchases that RQ purchases that RQ purchases on Page 40 and 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 eived as settlemedy. If more energian incremental gran incrementa	Number or Tariff, or, for all FERC rate schedules service involving demande average monthly nor olumn (f). For all other to initiate integration) demanded on a megawatt base on bills rendered to the reast the basis for settlementarges in column (k), and a footnote all components by the respondent. If y was delivered than receneration expenses, or alled on the last line of the	and charges imposed in-coincident peak (Naypes of service, entrand in a month. Monthes its monthly peak is and explain. The spondent. Report and the total of any other than the service of the amount should be served, enter a negative of the service. The total of any other is of the amount should be served, enter a negative of the service of the total of any other is of the amount should be served, enter a negative of the service of the total of any other is of the amount should be serviced. The total of the service of the ser	designations up to a monnth lace) demand er NA in columnathly CP demand repair columns (h) to exchange, and the columnative amount, credits or chala amount in columnatal amount	ly (or longer) basis, enter in column (e), and the inns (d), (e) and (f). Montind is the metered demandered in columns (e) and and (i) the megawattho larges, including in (I). Report in column (rollumn (m) the settlement of the settlement amount rges covered by the	thly nd d (f) urs m) t (l)
MagaWatt Hours	POWER E	XCHANGES		COST/SETTLEME	NT OF POWER	٦	Line
MegaWatt Hours Purchased (g)	MegaWatt Hours Received (h)	MegaWatt Hour Delivered (i)	s Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charg (\$) (I)	es Total (j+k+l) of Settlement (\$) (m)	No.
9,247	` '	( )	G/	619,719		619,719	1
1				17		17	2
104				4,963		4,963	3
6,029				404,914		404,914	4
5,553	3			370,912		370,912	5
9				459		459	
28,034				1,877,244		1,877,244	6
29,786	3			1,861,650		1,861,650	6 7
1,369							
				92,524		92,524	7
6						92,524 290	7
2.942				92,524 290		290	7 8 9
2,942 8				92,524			7 8 9 10
8				92,524 290 206,968 398		290 206,968 398	7 8 9 10
				92,524 290 206,968		290 206,968	7 8 9 10 11

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Name of Responde Duke Energy Card		Thi (1)		(Mo, D		Year/Period of Report End of 2017/Q4	
		(2) DUDCH		04/12/2	2018		
		FUNCII	ASED POWER(Accour (Including power exch	nanges)			
•	•	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 adduring 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 demandrate coincident peak (of the maximum metical maximum metical maximum metical maximum (g) the megawatts. Footnote arm (g) the megawatts in columustments, in columustments, in columustments, in columustments, in columustments, in columustments, in columustments, in columustments of energing receipt of energing rec	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 cion) in which the su demand not stat satthours shown on delivered, used as mn (j), energy charnn (l). Explain in a feived as settlement y. If more energy van incremental gen of footnote. (m) must be totalle 11, 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	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 of the total of any of the amount should be received, enter a negulation of the schedule. The total in the schedule. The total in the schedule. The total in the schedule. The total in the schedule. The total in the schedule in th	designations of don a monnth NCP) demand ter NA in colurnathly CP demand repair columns (heat exchange). The types of change in column es, report in column active amount. In credits or change das Exchange	n (I). Report in column ( blumn (m) the settlemen If the settlement amour arges covered by the	athly and d (f) burs  (m) at t at t (l)
NA NA/- 44	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)	ges Total (j+k+l) of Settlement (\$) (m)	Line No.
34		()	0,	1,872	( )	1,872	1
15,008				727,807		727,807	2
4				210		210	3
402				28,101		28,101	4
6				287		287	5
4,200				307,278		307,278	
8,411				644,024		644,024	
70				2,802		2,802	8
147				7,366		7,366	
9,413				626,839 570,788		626,839	$\vdash$
8,541				570,788		570,788	12
10,157				682,320		682,320	
98				6,304		6,304	ı 131
							14

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Name of Responde Duke Energy Caro			This Report Is: 1) XAn Original	Date of (Mo, Da	ı, Yr)	Year/Period of Report End of 2017/Q4	
Duke Ellergy Card	Jillas, LLO	1 '	2) A Resubmission	04/12/2	018		
		PURC	CHASED POWER(Account 555 (Including power exchange	s) (Continued)			
-	eriod adjustment. In explanation in a		r any accounting adjustment h adjustment.	ts 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 design of the detail in column for the design of the detail in column for the design of the detail in column for the design of the detail in column for the design of the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in column for the detail in the	identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demandation coincident peak (of the maximum meters and (b) the megaw ges received and charges in columustments, in columustme	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 eived as settlemedy. If more energian incremental go footnote.  (m) must be total of line 10. The ton (i) must be rep	Number or Tariff, or, for non- all FERC rate schedules, tar service involving demand of the average monthly non-col- olumn (f). For all other types ninute integration) demand i supplier's system reaches i ated on a megawatt basis a on bills rendered to the responses the basis for settlement. It arges in column (k), and the a footnote all components of ent by the respondent. For pay was delivered than receive eneration expenses, or (2) et alled on the last line of the so total amount in column (h) morted as Exchange Deliverer ations following all required	harges imposed incident peak (Nos of service, enter a month. More than a month. More than a month. More than a month. Report to not report new total of any other than a mount shower exchanged, enter a negative cludes certain whedule. The total of negative to the total of any other than a mount shower exchanged, enter a negative cludes certain whedule. The total of negative to negative to negative the total of negative to negative the total on Page 401,	designations upon a monnth ICP) demand er NA in columnathly CP demand repoin columns (h) texchange, her types of chown in columnes, report in columnative amount, credits or chaital amount in columnation as Exchange	ly (or longer) basis, enter in column (e), and the inns (d), (e) and (f). Monind is the metered demandered in columns (e) and (i) the megawatthous arges, including in (l). Report in column (e) lumn (m) the settlement amount ges covered by the column (g) must be	thly nd d (f) ours m) t t (l)
MegaWatt Hours	POWER E	XCHANGES		COST/SETTLEME	ENT OF POWE	₹	Line
Purchased (g)	MegaWatt Hours Received (h)	MegaWatt Hour Delivered (i)	s Demand Charges En	ergy Charges (\$) (k)	Other Charg (\$) (I)	es Total (j+k+l) of Settlement (\$) (m)	No.
3,596	` '	(-)	U)	275,611	(-)	275,611	
3,351				257,580		257,580	1
3,105							1
0,.00	1			207,411		207,411	
3,663				207,411 243,564		207,411	2
							3
3,663				243,564		243,564	3 4
3,663 3,884 3,655				243,564 259,077		243,564 259,077 242,161	2 3 4 5
3,663 3,884 3,655 3,428				243,564 259,077 242,161 246,412		243,564 259,077 242,161 246,412	2 3 4 5 6 7
3,663 3,884 3,655 3,428				243,564 259,077 242,161 246,412 4,066		243,564 259,077 242,161 246,412 4,066	2 3 4 5 6 7 8
3,663 3,884 3,655 3,428				243,564 259,077 242,161 246,412 4,066 651,934		243,564 259,077 242,161 246,412 4,066 651,934	2 3 4 5 6 7 8 9
3,663 3,884 3,655 3,428				243,564 259,077 242,161 246,412 4,066 651,934 230		243,564 259,077 242,161 246,412 4,066 651,934 230	2 3 4 5 6 7 8 9
3,663 3,884 3,655 3,428				243,564 259,077 242,161 246,412 4,066 651,934 230 439		243,564 259,077 242,161 246,412 4,066 651,934 230 439	2 3 4 5 6 7 8 9 10
3,663 3,884 3,655 3,428				243,564 259,077 242,161 246,412 4,066 651,934 230 439 55		243,564 259,077 242,161 246,412 4,066 651,934 230 439	2 3 4 5 6 7 8 9 10 11
3,663 3,884 3,655 3,428				243,564 259,077 242,161 246,412 4,066 651,934 230 439		243,564 259,077 242,161 246,412 4,066 651,934 230 439	2 3 4 5 6 7 8 9 10

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Name of Responde	ent		his Report Is: 1) XAn Original	Date of (Mo, Da		Year/Period of Report	
Duke Energy Card	olinas, LLC	1 :	2) A Resubmission	04/12/2		End of2017/Q4	
		PURC	HASED POWER(Account 558 (Including power exchange	5) (Continued)	<u>.</u>		
•	•	Use this code for	any accounting adjustmen		for service pro	vided in prior reporting	
4. In column (c), designation for the dentified in column 5. For requirement he monthly average monthly NCP demand is fouring the hour (must be in mega 6. Report in column for exchange fout-of-period adjudent for the nonclude credits of agreement, proving 12. The total charge is greented as Purcine 12. The total	the contract. On separation (b), is provided that RQ purchases that RQ purchases that RQ purchases that RQ purchases that RQ purchases that RQ purchases that RQ purchases the coincident peak (60-minute integration (g) the megawages received and charges in columnstance of the coincident of energy of the coincident of the columns (g) through that RQ purchases on Page 40 and amount in columns (b), is provided that RQ purchases on Page 40 and amount in columns (g) through that RQ purchases on Page 40 and amount in columns (g) through RQ purchases on Page 40 and RQ purchases on Page 40 and RQ purchases on Page 40 and RQ purchases on Page 40 and RQ purchases on RQ pur	Rate Schedule No parate lines, list a same and any type of a din column (d), tl CP) demand in column (60-mion) in which the my demand not structured, used a mn (j), energy chan (l). Explain in a served as settlemely. If more energy in incremental generation (m) must be total 1, line 10. The ton (i) must be reported and and the property of the server	Jumber or Tariff, or, for non- all FERC rate schedules, tangervice involving demand one average monthly non-column (f). For all other type induce integration) demand supplier's system reaches ated on a megawatt basis an bills rendered to the respect to the basis for settlement. If arges in column (k), and the footnote all components on the other expenses, or (2) of the defendance of the last line of the second amount in column (h) in the orted as Exchange Delivered ations following all required	charges imposed pincident peak (Nos of service, entine a month. Morits monthly peak and explain. Proposed for the amount shower exchanged, enter a negative chedule. The tomust be reported and on Page 401,	designations undesignations under NA in columnation (h) to exchange, and in columnation in columnation in columnation and in columnation and in columnation and in columnation and in columnation and in columnation and in columnation and in columnation and in columnation and in columnation and in columnation and in columnation and in columnation in co	y (or longer) basis, enter in column (e), and the nns (d), (e) and (f). Monthind is the metered demand orted in columns (e) and (i) and (i) the megawatthous arges, including (l). Report in column (molumn (m) the settlement lif the settlement amount (rges covered by the	f) f) rs
	DOWED E	VOLIANIOEO		0007/05771 5145	NT OF DOME		
MegaWatt Hours	MegaWatt Hours	XCHANGES  MegaWatt Hours		COST/SETTLEME nergy Charges	Other Charg	LL	ne
Purchased (g)	Received (h)	Delivered (i)	(\$)	(\$) (k)	(\$) (I)	of Settlement (\$)	lo.
11	` '	(.)	0/	506	(1)	506	1
5				237		237	
1				47		47	2
10				419		419	3
10				473		473	
13				779			
13	3			641		641	3
13						641	3 4 5
3						172	3 4 5 6 7 8
3	3			641			3 4 5 6 7
3 1 4				641 172		172	3 4 5 6 7 8
3 1 4 13	3			641 172 26		172 26	3 4 5 6 7 8 9
3 1 4				641 172 26 223		172 26 223	3 4 5 6 7 8 9 10 11
3 1 4 13				641 172 26 223 657		172 26 223 657	3 4 5 6 7 8 9 10
3 1 4 13				641 172 26 223 657 236,753		172 26 223 657 236,753	3 4 5 6 7 8 9 10 11
3 1 4 13				641 172 26 223 657 236,753		172 26 223 657 236,753	3 4 5 6 7 8 9 10 11 12 13
3 1 4 13				641 172 26 223 657 236,753		172 26 223 657 236,753	3 4 5 6 7 8 9 10 11 12 13

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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	04/12/2	,	End of2017/Q4	
		PUR	CHASED POWER(Account & (Including power exchar	555) (Continued) nges)	<del>'</del>		
-	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), in the lesignation for the dentified in column is. For requirement the monthly average monthly average monthly average monthly average monthly average monthly in the hour (c) average in column in the month of power exchanges average in the total charge is a mount for the near the column in the month of the month in the mont	identify the FERC ne contract. On sepenn (b), is provided nts RQ purchases age billing demand coincident peak (6 the maximum meters of the maximum meters of the maximum meters of the maximum meters of the maximum meters of the maximum on the column on bills receipt of energy of the column of the column of the column (g) through the column (g) through the column (g) through the column (g) through the column of the colum	Rate Schedule parate lines, list . and any type o'd in column (d), CP) demand in dered hourly (60-ion) in which the hydemand not satthours shown delivered, used mn (j), energy con (l). Explain in eived as settlem y. If more energy in incremental grant footnote. (m) must be total, line 10. The n (i) must be representation in the set of the n (ii) must be representation in the set of the n (ii) must be representation in the set of the set	Number or Tariff, or, for nall FERC rate schedules, f service involving demand the average monthly noncolumn (f). For all other tylminute integration) demands supplier's system reaches tated on a megawatt basion bills rendered to the reas the basis for settlementharges in column (k), and a footnote all components ent by the respondent. For ywas delivered than receipeneration expenses, or (2) alled on the last line of the total amount in column (high ported as Exchange Deliverations following all requires	d charges imposed coincident peak (New pes of service, entered in a month. Mores its monthly peak and explain. Espondent. Report it. Do not report net the total of any off sof the amount short power exchange eived, enter a negatived, enter a negatived, enter a negatived. Eschedule. The to must be reported ered on Page 401,	designations under a monnth NCP) demander NA in columnathly CP demandrep in columns (h) texchange, her types of chown in columnes, report in coative amount, credits or chall amount in columner types of chown in columnes, report in coative amount.	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 (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		COST/SETTLEME			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.
27				1,329		1,329	1
8				347		347	2
3				126		126	3
44				2,202		2,202	4
9,286				599,319		599,319	5
3,534				247,036		247,036	6
4,137				289,156		289,156	
18,740				1,011,965		1,011,965	
3				1,011,303		1,011,303	
4,682				327,298		327,298	
4,082							
44.45				30		30	
11,496				738,024		738,024	12
7,537				501,463		501,463	
							14

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Name of Responde			Γhis Report Is: (1) □ X An Original	Date of I (Mo, Da		Year/Period of Report End of 2017/Q4	
Duke Energy Caro	olinas, LLC	1 '	(2) A Resubmission	04/12/20	)18	End of	
		PUR	CHASED POWER(Account 555) (Including power exchanges)	(Continued)			
-	eriod adjustment. In explanation in a		r any accounting adjustments h adjustment.	or "true-ups" f	or 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 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 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 energen incremental grant incremental grant footnote.  (m) must be total of the column (i) must be rep	Number or Tariff, or, for non-Fall FERC rate schedules, tariff service involving demand chathe average monthly non-coince column (f). For all other types of minute integration) demand in 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 transfer in column (k), and the transfer in column (k) and the transfer in column (k) and the transfer in column (k) and the transfer in column (k) and the transfer in column (k) must delivered than received eneration expenses, or (2) excelled on the last line of the schedular amount in column (h) must orted as Exchange Delivered dations following all required data	rges imposed sident peak (N of service, enter a month. Month monthly peak. I explain. dent. Report in not report net otal of any other amount shower exchanges, enter a negaralludes certain of the total of any other exchanges, enter a negaralludes certain of the total of any other exchanges, enter a negaralludes certain of the total of any other exchanges, enter a negaralludes certain of the total of any other exchanges.	on a monnthly CP) demand is NA in columthly CP demand report in columns (h) exchange. The types of chown in columns, report in columns, report in columns at amount in cas 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 at (l)
MegaWatt Hours	_	XCHANGES		ST/SETTLEME	NT OF POWER	8	Line
Purchased (g)	MegaWatt Hours Received (h)	MegaWatt Hour Delivered (i)	S Demand Charges Ener (\$) (j)	gy Charges (\$) (k)	Other Charge (\$) (I)	es Total (j+k+l) of Settlement (\$) (m)	No.
4,012				270,473		270,473	1
64				3,380		3,380	2
190				9,679		9,679	3
9,638				639,806		639,806	4
3				143		143	5
8,923				597,132		597,132	6
8,442				646,267		646,267	7
1				29		29	8
76				3,858		3,858	9
7				327		327	10
				10		10	11
1,492				112,283		112,283	12
3,030			+	219,719		219,719	13
3,300						,0	14

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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	04/12/2	,	End of	
		PUR	RCHASED POWER(Accoun (Including power exch	t 555) (Continued) langes)			
-	eriod adjustment. n explanation in a		or any accounting adjust ch adjustment.	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 ne contract. On sepenn (b), is provided nts RQ purchases age billing demand coincident peak (6 the maximum meters of the maximum meters of the maximum meters of the maximum meters of the maximum meters of the maximum on the column on bills receipt of energy of the column of the column of the column (g) through the column (g) through the column (g) through the column (g) through the column of the colum	Rate Schedule parate lines, list . and any type od in column (d), CP) demand in dered hourly (60-ion) in which the hydemand not satthours shown delivered, used mn (j), energy can (l). Explain in eived as settlem y. If more energy in incremental grant incremental grant footnote. (m) must be total, line 10. The n (i) must be representations are represented in the same contact.	Number or Tariff, or, for all FERC rate schedules of service involving demathe average monthly not column (f). For all other teminute integration) demates supplier's system reactive as the basis for settlementates in column (k), and a footnote all componerment by the respondent. If you was delivered than regeneration expenses, or alled on the last line of the total amount in column (ported as Exchange Delinations following all requirements and provided as the last line of the total amount in column (ported as Exchange Delinations following all requirements and the last line of last line of last line of last line of last line of last line of last line of last line of last line of last line of last line of last line of last line of last line of last line of last line of last line of last line of last line of last last line of last last line of last last line of l	nd charges imposed n-coincident peak (Natypes of service, entand in a month. More hes its monthly peak sis and explain. The service of the amount should be a mount should be	designations of on a monnth NCP) demand for NA in colurnathly CP demand report in columns (hot exchange) for types of chown in columnes, report in coative amount. It credits or chall 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 demandered in columns (e) and (i) the megawatthe marges, including in (l). Report in column (blumn (m) the settlement amour arges covered by the column (g) must be	athly and d (f) burs (m) at t at (l)
\\\.	POWER E	XCHANGES		COST/SETTLEME	ENT OF POWE	R	Lino
MegaWatt Hours Purchased	MegaWatt Hours	MegaWatt Hou		Energy Charges	Other Charg	ges Total (j+k+l)	Line No.
(g)	Received (h)	Delivered (i)	(\$) (j)	(\$) (k)	(\$) (I)	of Settlement (\$) (m)	
9,864				658,771	.,	658,771	1
25				1,423		1,423	2
3				111		111	3
75				5,029		5,029	4
2,812				196,003		196,003	5
1,607				108,951		108,951	6
10,034				666,844		666,844	
5,963				394,667		394,667	8
7,555				542		542	9
5,816				384,205		384,205	
							11
9,451				629,837		629,837	
9,101				694,925		694,925	
9,540				635,713		635,713	
							14

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8,108,954

Name of Responde Duke Energy Card		Th (1)		(Mo, Da		Year/Period of Report End of 2017/Q4	
		(2)	, i i	04/12/2	018	-	
		FUNCI	HASED POWER(Accour (Including power exch	langes)			
•	•	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 adduring 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 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 al l. s and any type of s d in column (d), the CP) demand in column (60-mition) in which the say demand not star atthours shown or delivered, used as mn (j), energy chann (l). Explain in a eived as settlementy. If more energy an incremental ger of footnote. (m) must be totalled in (i) must be reportant.	umber or Tariff, or, for I FERC rate schedule ervice involving dema e average monthly no lumn (f). For all other nute integration) demonstrated on a megawatt bath bills rendered to the the basis for settlemetres in column (k), and footnote all component by the respondent. was delivered than reneration expenses, or	s, tariffs or contract and charges imposed in-coincident peak (I types of service, enter and in a month. Monthes its monthly peal sis and explain. In respondent. Reportent. Do not report nead the total of any other to five amount should be received, enter a negacive of the schedule. The total in the schedule. The total in the schedule. The total in the schedule. The total in the schedule. The total in the schedule. The total in the schedule. The total in the schedule in the	designations of on a monnth NCP) demand for NA in colurnathly CP demand report in columns (hot exchange) for types of chown in columnes, report in coative amount. It credits or chall amount in the sexchange	n (I). Report in column ( blumn (m) the settlemen If the settlement amour arges covered by the	athly and d (f) ours  (m) at t at (I)
	POWER E	XCHANGES	T	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)	ges Total (j+k+l) of Settlement (\$) (m)	Line No.
8,771	( )	( )	07	672,350	( )	672,350	1
935				46,410		46,410	
3				145		145	3
12				787		787	4
3,183				215,977		215,977	5
544				26,265		26,265	6
178				9,037		9,037	
9,122				698,913		698,913	
2,693				135,174		135,174	
8,528				425,914		425,914	
0,020				720,017		720,314	11
4,529				224,837		224,837	12
11,360				564,385		564,385	
11,300				504,565		504,365	14
							17

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Name of Responde			his Report Is: 1) XAn Original	Date of (Mo, Da		Year/Period of Report End of 2017/Q4	
Duke Energy Card	olinas, LLC		2) A Resubmission	04/12/2		End of	
		PURC	HASED POWER(Account (Including power excha	555) (Continued) anges)	•		
•	-		any accounting adjustn	nents or "true-ups"	for service pro	ovided in prior reporting	
years. Provide a	an explanation in a	i loothote for each	i adjustment.				
* * *	•		lumber or Tariff, or, for i	•			
-		•	all FERC rate schedules	, tariffs or contract	designations u	ınder which service, as	
	mn (b), is provided		service involving deman	nd charges imposed	l on a monnthi	ly (or longer) basis, ente	r
			ne average monthly non				'
average monthly	coincident peak (	CP) demand in c	olumn (f). For all other ty	ypes of service, ent	er NA in colun	nns (d), (e) and (f). Mont	
						nd is the metered demai	
			supplier's system reacn ated on a megawatt bas		. Demand rep	orted in columns (e) and	1 (T)
					in columns (h)	and (i) the megawattho	urs
			s the basis for settleme				
			arges in column (k), and				
						n (I). Report in column (r Dlumn (m) the settlement	
						If the settlement amount	
			eneration expenses, or (				(.)
•	ide an explanatory						
			led on the last line of the				
			orted as Exchange Deliv			Received on Page 401,	
			ations following all requi	_			
	•		-				
MagaWatt Haura	POWER E	EXCHANGES		COST/SETTLEME	ENT OF POWE	₹	Line
MegaWatt Hours Purchased	MegaWatt Hours	MegaWatt Hours		Energy Charges	Other Charg	es Total (j+k+l)	No.
(g)	Received (h)	Delivered (i)	(\$) (j)	(\$) (k)	(\$) (I)	of Settlement (\$) (m)	
225	` '	( )	0,	11,211	( )	11,211	1
26	6			1,302		1,302	2
24	l.			1,194		1,194	3
2,125	5			108,030		108,030	4
10,206	6			717,834		717,834	
2,867	7			177,603		177,603	5
29				•			5 6
9,691	9			1,838		1,838	
						1,838 646,751	6
4				1,838			6 7
5,972				1,838 646,751		646,751	6 7 8
5,972 4,685				1,838 646,751 183		646,751 183	6 7 8 9
				1,838 646,751 183 324,673		646,751 183 324,673	6 7 8 9 10 11
				1,838 646,751 183 324,673 255,911		646,751 183 324,673 255,911	6 7 8 9 10 11 12
				1,838 646,751 183 324,673 255,911		646,751 183 324,673 255,911 90	6 7 8 9 10 11
				1,838 646,751 183 324,673 255,911		646,751 183 324,673 255,911 90	6 7 8 9 10 11 12
				1,838 646,751 183 324,673 255,911		646,751 183 324,673 255,911 90	6 7 8 9 10 11 12

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Name of Responde			This Report Is: (1) XAn Original	(Mo, Da		Year/Period of Report End of 2017/Q4	
Duke Energy Card	oiirias, LLC		(2) A Resubmission	04/12/2	018	Lild Of	
		PUR	CHASED POWER(Accour (Including power exch	it 555) (Continued) langes)			
•	eriod adjustment. In explanation in a		r any accounting adjust h adjustment.	ments or "true-ups"	for service pro	ovided in prior reporting	
designation for th	ne contract. On se	parate lines, list	Number or Tariff, or, for all FERC rate schedule	•			
	mn (b), is provided		conting involving doma	nd abargas impasse	l on a mannthl	ly (or langer) basis, ante	
			the average monthly no			ly (or longer) basis, ente in column (e). and the	<del>,</del> 1
average monthly	coincident peak (	CP) demand in c	column (f). For all other	types of service, ent	er NA in colum	nns (d), (e) and (f). Mon	
						nd is the metered dema orted in columns (e) and	
			tated on a megawatt ba		t. Demand rep	orted in coldinins (e) and	u (i)
6. Report in colu	mn (g) the megaw	atthours shown	on bills rendered to the	respondent. Report		and (i) the megawattho	ours
•	•		as the basis for settlementarges in column (k), an	•	•	paraes including	
						n (I). Report in column (	m)
he total charge	shown on bills rece	eived as settleme	ent by the respondent.	For power exchange	es, report in co	olumn (m) the settlemen	t
			ly was delivered than re eneration expenses, or			If the settlement amoun	ıt (I)
	ide an explanatory	_	chiciation expenses, or	(2) excludes certain	Cicuits of Cita	iges covered by the	
			lled on the last line of the				
			otal amount in column ( orted as Exchange Deli			Received on Page 401	,
			ations following all requ	_	iiiC 10.		
MegaWatt Hours	POWER E MegaWatt Hours	XCHANGES  MegaWatt Hour	rs Demand Charges	COST/SETTLEMI Energy Charges	Other Charg		Line
Purchased	Received	Delivered	(\$)	(\$) (k)	(\$) (I)	of Settlement (\$)	No.
(g)	(h)	(i)	(j)	` ,	(I)	(m)	1
944				45,458 590		45,458 590	2
4				174		174	3
				1,333		1,333	4
7,017				451,265		451,265	5
722				42,982		42,982	6
6				282		282	
2				99		99	7
3						4	7
5				140		140	
				140 217		217	8 9 10
5				217 272		217 272	8 9 10 11
5 558				217		217 272 37,064	8 9 10 11 12
5 558				217 272		217 272	8 9 10 11 12 13
5 558				217 272		217 272 37,064	8 9 10 11 12
5 558				217 272		217 272 37,064	8 9 10 11 12 13
5 558				217 272		217 272 37,064	8 9 10 11 12 13

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Name of Responde			This Report Is: (1) X An Original	Date of (Mo, Da	Report Yr)	Year/Period of Report	
Duke Energy Caro	olinas, LLC		(2) A Resubmission	04/12/2	,	End of2017/Q4	
		PUR	RCHASED POWER(Account (Including power exch	t 555) (Continued) anges)	•		
-	eriod adjustment. In explanation in a	Use this code for	or any accounting adjustr		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 ide an explanatory olumn (g) through hases on Page 40 I amount in column	Rate Schedule parate lines, list I. Is 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 go footnote.  (m) must be total, line 10. The n (i) must be rej	Number or Tariff, or, for all FERC rate schedules of service involving demarthe average monthly nor column (f). For all other the integration) demarts are supplier's system reach stated on a megawatt base on bills rendered to the reas the basis for settleme tharges in column (k), and a footnote all component by the respondent. Figure as delivered than recognized on the last line of the total amount in column (in ported as Exchange Deliverations following all requirements and forms of the settlements of the settlements of the settlements of the last line of the total amount in column (in ported as Exchange Deliverations following all requirements of the settlements of th	s, tariffs or contract and charges imposed in-coincident peak (Name of service, entand in a month. More its monthly peak is and explain. The spondent. Report int. Do not report ned the total of any other of the amount short power exchange ceived, enter a negative of the service. The toth must be reported wered on Page 401,	designations under a monnth NCP) demand ter NA in columnthly CP demand repairs of characters of characters are columned and the columner of th	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 (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		COST/SETTLEMI			Line
Purchased (g)	MegaWatt Hours Received (h)	MegaWatt Hou Delivered (i)	urs Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charg (\$) (I)	Total (j+k+l) of Settlement (\$) (m)	No.
4				206		206	1
				9		9	2
4,018				265,752		265,752	3
8,816				380,313		380,313	4
3				138		138	5
1				52		52	6
6,100				404,807		404,807	7
481				22,520		22,520	8
9,993				666,969		666,969	
149				5,962		5,962	10
11				570		570	
2				85		85	
135,200				8,365,662		8,365,662	
.30,200				3,300,002		3,000,002	14

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Name of Responde	ent		This Report Is: (1) X An Original	Date of Report (Mo, Da, Yr)	Year/Period of Report	
Duke Energy Caro	linas, LLC		(2) A Resubmission	04/12/2018	End of2017/Q4	
		PUR	RCHASED POWER(Account 555) (C (Including power exchanges)	ontinued)	!	
-	eriod adjustment. n explanation in a	Use this code for	or any accounting adjustments or		ovided in prior reporting	
I. In column (c), in the dentified in column (c). For requirement the monthly average monthly NCP demand is the during the hour (c) and the hour (d) and the hour demand is the total charge so amount for the near the dude credits or agreement, proving the data in column (c). The data in column (c), and (c), a	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 l. and any type od in column (d), CP) demand in ered hourly (60-ion) in which they demand not satthours shown delivered, used mn (j), energy con (l). Explain in eived as settlemy. If more energy in incremental grant incremental grant footnote. (m) must be total, line 10. The n (i) must be rep	Number or Tariff, or, for non-FEF all FERC rate schedules, tariffs of service involving demand charge the average monthly non-coincide column (f). For all other types of seminute integration) demand in a see supplier's system reaches its mestated on a megawatt basis and everage on bills rendered to the respondence as the basis for settlement. Do not harges in column (k), and the total a footnote all components of the ment by the respondent. For power grown as delivered than received, even alled on the last line of the schedulation amount in column (h) must be ported as Exchange Delivered on nations following all required data	es imposed on a monntlent peak (NCP) demands ervice, enter NA in columonth. Monthly CP demonthly peak. Demand reexplain. Ent. Report in columns (hot report net exchange. In a mount shown in columner exchanges, report in center a negative amount. In the certain credits or challe. The total amount in per reported as Exchange Page 401, line 13.	under which service, as  ally (or longer) basis, enter if in column (e), and the mns (d), (e) and (f). Mon and is the metered dema ported in columns (e) an  an) and (i) the megawatthe charges, including an (I). Report in column (e) and (m) the settlement aft the settlement amour arges covered by the  column (g) must be	athly and d (f) burs (m) at the total thick (I)
MegaWatt Hours		XCHANGES		T/SETTLEMENT OF POWE		Line
Purchased (g)	MegaWatt Hours Received (h)	MegaWatt Hou Delivered (i)		Charges Other Char \$) (\$) (k) (I)	ges Total (j+k+l) of Settlement (\$) (m)	No.
372				25,024	25,024	1
27,273				1,502,910	1,502,910	2
31				1,551	1,551	3
3,658				246,140	246,140	4
3				121	121	5
5,708				290,817	290,817	6
8,861				597,770	597,770	7
9,162				609,211	609,211	8
9,718				650,230	650,230	9
8,179				544,511	544,511	10
9,490				674,036	674,036	11
775				56,229	56,229	
12				613	613	
						14

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Duke Energy Caro			This Report Is: (1) XAn Original	Date of (Mo, Date		Year/Period of Report	
	llinas, LLC		(2) A Resubmission	04/12/2		End of	
		PUR	CHASED POWER(Accour (Including power exch	it 555) (Continued) anges)	•		
•	eriod adjustment. In explanation in a		or any accounting adjust th adjustment.	ments or "true-ups"	for service prov	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 folial to the fol	identify the FERC ne contract. On sem (b), is provided nts RQ purchases age billing demand coincident peak (the maximum metal and charges 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 column	Rate Schedule parate lines, list l. and any type of d in column (d), CP) demand in dered hourly (60-ion) in which the demand not satthours shown delivered, used a mn (j), energy clan (l). Explain in eived as settlement, If more energy in incremental gran gran incremental gran incremental gran incremental gran incremental gran incremental gran incremental gran incremental gran incremental gran incremental gran incremental gran incremental gran g	Number or Tariff, or, for all FERC rate schedule service involving demathe average monthly not column (f). For all other minute integration) demates supplier's system react tated on a megawatt batten on bills rendered to the asthe basis for settlementarges in column (k), and a footnote all component by the respondent. By was delivered than referentation expenses, or alled on the last line of the total amount in column corted as Exchange Delivations following all requirements.	nd charges imposed n-coincident peak (I types of service, entand in a month. More hes its monthly peal sis and explain. respondent. Reportent. Do not report nead the total of any other of the amount should be served, enter a negacived, enter a negacived, enter a negacived. The total of must be reported to the schedule. The total of number of the schedule. The total on Page 401,	designations und on a monnthly NCP) demand iter NA in columnthly CP demand reports. Demand reports in columns (h) et exchange. The types of challown in columnes, report in columnes, repo	y (or longer) basis, entern column (e), and the nos (d), (e) and (f). Mond is the metered demonted in columns (e) and (i) the megawatthe arges, including (I). Report in column (bumn (m) the settlement of the settlement amourtiges covered by the	athly and d (f) burs (m) at the total thick (I)
MegaWatt Hours	-	XCHANGES		COST/SETTLEM			Line
MegaWatt Hours Purchased (g)	POWER E MegaWatt Hours Received (h)	XCHANGES MegaWatt Hour Delivered (i)	rs Demand Charges (\$) (j)	COST/SETTLEMI Energy Charges (\$) (k)	ENT OF POWER Other Charge (\$) (I)		Line No.
Purchased	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges	Other Charge	es Total (j+k+l) of Settlement (\$)	No.
Purchased (g)	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k)	Other Charge	of Settlement (\$) (m)	No.
Purchased (g) 1,184	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k) 71,055	Other Charge	Total (j+k+l) of Settlement (\$) (m) 71,055	No.
Purchased (g) 1,184 7,790	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k) 71,055 533,682	Other Charge	es Total (j+k+l) of Settlement (\$) (m) 71,055 533,682	No.  1 2 3 4
Purchased (g) 1,184 7,790	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k) 71,055 533,682 56,865	Other Charge	Total (j+k+l) of Settlement (\$) (m) 71,055 533,682 56,865	No. 1 2 3 4
Purchased (g) 1,184 7,790	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k) 71,055 533,682 56,865	Other Charge	Total (j+k+l) of Settlement (\$) (m) 71,055 533,682 56,865	No. 1 2 3 4 5
Purchased (g) 1,184 7,790 952 3	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k) 71,055 533,682 56,865 144 453	Other Charge	Total (j+k+l) of Settlement (\$) (m) 71,055 533,682 56,865 144 453	No. 1 2 3 4 5 6 7
Purchased (g) 1,184 7,790 952 3 9 9,682 1,686	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k) 71,055 533,682 56,865 144 453 643,856 119,393	Other Charge	Total (j+k+l) of Settlement (\$) (m) 71,055 533,682 56,865 144 453 643,856 119,393	No. 1 2 3 4 5 6 7 8
Purchased (g)  1,184 7,790 952 3 9 9,682	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k) 71,055 533,682 56,865 144 453 643,856	Other Charge	Total (j+k+l) of Settlement (\$) (m)  71,055  533,682  56,865  144  453  643,856	No.  1 2 3 4 5 6 7 8 9
Purchased (g)  1,184  7,790  952  3  9,682  1,686  9,266  13	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k) 71,055 533,682 56,865 144 453 643,856 119,393 613,857 650	Other Charge	Total (j+k+l) of Settlement (\$) (m) 71,055 533,682 56,865 144 453 643,856 119,393 613,857 650	No.  1 2 3 4 5 6 7 8 9 10
Purchased (g)  1,184 7,790 952 3 9 9,682 1,686 9,266 13 9,038	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k)  71,055  533,682  56,865  144  453  643,856  119,393	Other Charge	Total (j+k+l) of Settlement (\$) (m)  71,055  533,682  56,865  144  453  643,856  119,393	No.  1 2 3 4 5 6 7 8 9 10 11
Purchased (g)  1,184 7,790 952 3 9,682 1,686 9,266 13 9,038 21	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k)  71,055  533,682  56,865  144  453  643,856  119,393  613,857  650  592,667  1,293	Other Charge	Total (j+k+l) of Settlement (\$) (m) 71,055 533,682 56,865 144 453 643,856 119,393 613,857 650 592,667 1,293	No.  1 2 3 4 5 6 7 8 9 10 11 12
Purchased (g)  1,184 7,790 952 3 9 9,682 1,686 9,266 13 9,038	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (\$) 71,055 533,682 56,865 144 453 643,856 119,393 613,857 650 592,667	Other Charge	Total (j+k+l) of Settlement (\$) (m) 71,055 533,682 56,865 144 453 643,856 119,393 613,857 650 592,667	No.  1 2 3 4 5 6 7 8 9 10 11 12 13
Purchased (g)  1,184 7,790 952 3 9,682 1,686 9,266 13 9,038 21	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k)  71,055  533,682  56,865  144  453  643,856  119,393  613,857  650  592,667  1,293	Other Charge	Total (j+k+l) of Settlement (\$) (m) 71,055 533,682 56,865 144 453 643,856 119,393 613,857 650 592,667 1,293	No.  1 2 3 4 5 6 7 8 9 10 11 12
Purchased (g)  1,184 7,790 952 3 9,682 1,686 9,266 13 9,038 21	MegaWatt Hours Received (h)	MegaWatt Hou		Energy Charges (\$) (k)  71,055  533,682  56,865  144  453  643,856  119,393  613,857  650  592,667  1,293	Other Charge	Total (j+k+l) of Settlement (\$) (m) 71,055 533,682 56,865 144 453 643,856 119,393 613,857 650 592,667 1,293	No.  1 2 3 4 5 6 7 8 9 10 11 12 13

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Name of Responde Duke Energy Caro			This Report Is: (1) X An Original	(Mo, Da		Year/Period of Report End of 2017/Q4	
Duke Ellergy Caro	milas, LLC	DUD	(2) A Resubmission	04/12/2	2018		
		PUR	RCHASED POWER(Accourt (Including power excl	nt 555) (Continued) hanges)			
-	eriod adjustment. In explanation in a		or any accounting adjus <sup>.</sup> ch adjustment.	tments or "true-ups"	for service pro	ovided in prior reporting	
years. Provide a 4. In column (c), designation for the dentified in colur 5. For requirement the monthly avera average monthly NCP demand is to during the hour (for the month) The power exchange out-of-period adjust the total charge is amount for the near court of the near court of the near court of the near court of the near the total charge is amount for the near court of the near the total in core courted as Purcline 12. The total	identify the FERC ne contract. On sem (b), is provided nts RQ purchases age billing demandation to receive the maximum meters of the maximum meters of the maximum meters of the maximum meters of the maximum meters of the maximum meters of the maximum meters of the maximum of	Rate Schedule parate lines, list l. and any type of din column (d), CP) demand in ered hourly (60-cion) in which they demand not statthours shown delivered, used mn (j), energy con (l). Explain in eived as settlem y. If more energy in incremental gran increment	Number or Tariff, or, for all FERC rate schedule of service involving demay the average monthly not column (f). For all other-minute integration) demay the supplier's system reacts at the basis for settlementation as the basis for settlementation and the column (k), are a footnote all componement by the respondent. The generation expenses, or alled on the last line of the settlementation	r non-FERC jurisdictes, tariffs or contracted and charges imposed on-coincident peak (Not types of service, entend in a month. More the sits monthly peal asis and explain. The respondent. Reportent. Do not report nend the total of any of the amount should be a mount should be reported to the schedule. The toth (h) must be reported ivered on Page 401,	ional sellers, indesignations of don a monnth NCP) demand ter NA in columnthly CP demand reprint columns (het exchange, her types of character amount, credits or character amount in the data amount in the data amount in the designation of th	nclude an appropriate under which service, as ly (or longer) basis, enter in column (e), and the mns (d), (e) and (f). Monand is the metered demandered in columns (e) and (i) the megawatthe anarges, including in (l). Report in column (blumn (m) the settlement amountarges covered by the	thly and d (f) ours m) t at (I)
	POWER E	XCHANGES		COST/SETTLEM	ENT OF POWE	R	
MegaWatt Hours	MegaWatt Hours	MegaWatt Hou	urs 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)	INO.
11,684				792,170		792,170	1
180				9,094		9,094	2
12				583		583	3
12				594		594	4
6				312		312	5
183				9,089		9,089	6
15,983				1,083,667		1,083,667	7
,				1,723,721		1,200,000	8
				5,682		5,682	9
				3,002		5,002	10
400				07.010		07.646	
400				27,019		27,019	11
6				316		316	12
5				264		264	13
							14

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Name of Responde			his Report Is: I) XAn Original	(Mo, Da		Year/Period of Report End of 2017/Q4	
Duke Energy Card	Jillas, LLC	(2	· 🗀	04/12/2	018	Lild Of	
		PURC	HASED POWER(Account 555) (Including power exchanges	(Continued)			
•	eriod adjustment.  l an explanation in a		any accounting adjustments adjustment.	or "true-ups"	for service pro	vided in prior reporting	
	·		·	·			
• • •	•		lumber or Tariff, or, for non-F Il FERC rate schedules, tarif	•			
-	mn (b), is provided.					,, ,	
			service involving demand cha				er
			ne average monthly non-coin olumn (f). For all other types				thly
NCP demand is	the maximum mete	ered hourly (60-m	inute integration) demand in	a month. Mor	nthly CP dema	nd is the metered dema	ınd
			supplier's system reaches its		. Demand rep	orted in columns (e) and	d (f)
			ated on a megawatt basis an n bills rendered to the respo		in columns (h)	and (i) the megawattho	ours
of power exchan	ges received and d	lelivered, used a	s the basis for settlement. Do	not report ne	t exchange.	-	
			arges in column (k), and the				\
			footnote all components of the footnote all components of the footnote in the				
amount for the n	et receipt of energy	/. If more energy	was delivered than received	d, enter a nega	ative amount.	If the settlement amoun	
	-	-	neration expenses, or (2) ex	cludes certain	credits or cha	rges covered by the	
•	ide an explanatory olumn (a) through (		ed on the last line of the sch	edule. The to	tal amount in o	column (a) must be	
			otal amount in column (h) mu				,
			orted as Exchange Delivered	-	line 13.		
9. Footnote entr	ies as required and	i provide explana	ations following all required d	ata.			
MegaWatt Hours	POWER EX	XCHANGES			ENT OF POWER	٦	
Purchased	MegaWatt Hours	MegaWatt Hours		rgy Charges	Other Charg	es Total (j+k+l) of Settlement (\$)	Line
(g)	Received (h)	Delivered (i)	(\$) (j)	/ <b>(</b> \frac{1}{2})		Or Settlerife (ψ)	Line No.
2		` '	U/	(\$) (k)	(\$) (I)	(m)	-
			U)	104	(1)		No.
67		· · · · · · · · · · · · · · · · · · ·	U/	104 3,621	(1)	(m) 104 3,621	No. 1 2
67 7			G/	104 3,621 363	(b) (l)	(m) 104 3,621 363	No. 1 2 3
7				104 3,621 363 33	(b) (l)	(m) 104 3,621 363 33	No. 1 2 3 4
67 7 1 9,052				104 3,621 363 33 607,548	(b) (l)	(m) 104 3,621 363 33 607,548	No. 1 2 3 4 5
7		· · · · · · · · · · · · · · · · · · ·		104 3,621 363 33 607,548 425	(b) (l)	(m) 104 3,621 363 33 607,548 425	No. 1 2 3 4 5 6
7				104 3,621 363 33 607,548 425 227	(b) (l)	(m) 104 3,621 363 33 607,548 425 227	No. 1 2 3 4 5 6 7
7 1 9,052 9 4 4				104 3,621 363 33 607,548 425 227	(a) (l)	(m) 104 3,621 363 33 607,548 425 227 225	No. 1 2 3 4 5 6
7				104 3,621 363 33 607,548 425 227	(a) (l)	(m) 104 3,621 363 33 607,548 425 227	No.  1 2 3 4 5 6 7
7 1 9,052 9 4 4				104 3,621 363 33 607,548 425 227 225 342,291	(a) (l)	(m) 104 3,621 363 33 607,548 425 227 225 342,291	No.  1 2 3 4 5 6 7 8 9
7 1 9,052 9 4 4 5,224				104 3,621 363 33 607,548 425 227 225 342,291 205	(a) (l)	(m) 104 3,621 363 33 607,548 425 227 225 342,291 205	No.  1 2 3 4 5 6 7 8 9 10
7 1 9,052 9 4 4 5,224 3 10,187				104 3,621 363 33 607,548 425 227 225 342,291 205 658,093	(a) (l)	(m) 104 3,621 363 33 607,548 425 227 225 342,291 205 658,093	No.  1 2 3 4 5 6 7 8 9 10 11
7 1 9,052 9 4 4 5,224 3 10,187				104 3,621 363 33 607,548 425 227 225 342,291 205 658,093 84,462	(a) (l)	(m) 104 3,621 363 33 607,548 425 227 225 342,291 205 658,093 84,462	No.  1 2 3 4 5 6 7 8 9 10 11 12
7 1 9,052 9 4 4 5,224 3 10,187				104 3,621 363 33 607,548 425 227 225 342,291 205 658,093 84,462	(a) (l)	(m) 104 3,621 363 33 607,548 425 227 225 342,291 205 658,093 84,462	No.  1 2 3 4 5 6 7 8 9 10 11 12
7 1 9,052 9 4 4 5,224 3 10,187				104 3,621 363 33 607,548 425 227 225 342,291 205 658,093 84,462	(a) (l)	(m) 104 3,621 363 33 607,548 425 227 225 342,291 205 658,093 84,462	No.  1 2 3 4 5 6 7 8 9 10 11 12

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Name of Responde			「his Report Is: 1)	Date of (Mo, Da	Report a, Yr)	Year/Period of Report End of 2017/Q4	
Duke Energy Caro	olinas, LLC	,	2) A Resubmission	04/12/2	018	End of	
		PURC	CHASED POWER(Account (Including power excha	555) (Continued) nges)	•		
-	eriod adjustment. In explanation in a		r any accounting adjustm h adjustment.	nents 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 content of the total charges are the data in content of the total charges are the data in content of the total charges are the data in content of the total charges are the data in content of the total charges are the data in content of the total charges are the total c	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 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 Inparate lines, list and any type of d in column (d), to CP) demand in column (formal formal	Number or Tariff, or, for nall FERC rate schedules, service involving demandhe average monthly non-olumn (f). For all other tyninute integration) demanded and a megawatt basion bills rendered to the reast the basis for settlementarges in column (k), and a footnote all component by the respondent. For ywas delivered than recentation expenses, or (2) the otal amount in column (horted as Exchange Deliverations following all requires	d charges imposed coincident peak (Notes of service, entered in a month. Mores its monthly peak is and explain. Report not a persondent. Report not a power exchange eived, enter a negative excludes certain the schedule. 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 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 (lumn (m) the settlement amountings 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 Hour Delivered (i)	s Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charge (\$) (I)	es Total (j+k+l) of Settlement (\$) (m)	No.
1,305		.,	, , , , , , , , , , , , , , , , , , ,	86,261		86,261	1
102				6,471		6,471	2
8,809				680,328		680,328	3
7,054				380,221		380,221	4
1,419				95,282		95,282	5
377				24,241		24,241	
5,240				331,390		331,390	6
4							6 7
384				214		214	
				214 30,324		30,324	7
5				30,324			7 8
5 1.379				30,324 271		30,324 271	7 8 9
5 1,379 32				30,324 271 88,666		30,324 271 88,666	7 8 9 10
32				30,324 271 88,666 1,650		30,324 271 88,666 1,650	7 8 9 10 11 12
				30,324 271 88,666		30,324 271 88,666	7 8 9 10

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Name of Responde			This Report Is: (1) X An Original	Date of (Mo, Date	Report	Year/Period of Report	:
Duke Energy Caro	linas, LLC		(2) A Resubmission	04/12/2	,	End of2017/Q4	
		PUR	RCHASED POWER(Account (Including power exch	t 555) (Continued) anges)	•		
-	eriod adjustment. n explanation in a	Use this code for	or any accounting adjustr		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 sepenn (b), is provided nts RQ purchases age billing demand coincident peak (6 the maximum meters of the maximum meters of the maximum meters of the maximum meters of the maximum meters of the maximum on the column on bills receipt of energy of the column of the column of the column (g) through the column (g) through the column (g) through the column (g) through the column of the column of the column of the column (g) through the column of	Rate Schedule parate lines, list and any type of din column (d), CP) demand incred hourly (60-ion) in which they demand not statthours shown delivered, used mn (j), energy on (l). Explain incremental of footnote.  (m) must be tot 1, line 10. The n (i) must be rel	e Number or Tariff, or, for tall 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 related as the basis for settlemental component by the respondent. If any was delivered than regeneration expenses, or establed on the last line of the total amount in column (prorted as Exchange Delivered in a set of the column following all requirements following all requirements following all requirements.	s, tariffs or contract and charges imposed in-coincident peak (I types of service, enternand in a month. More its monthly peal is and explain. The sepondent. Report ent. Do not report need the total of any other of the amount should be received, enter a negative excludes certain the schedule. The toth must be reported on Page 401,	designations under a monnth NCP) demand ter NA in columnthly CP demand repairs of characters of characters are columned at the column columned are amount. It is credited amount in the columned as Exchange	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	_	XCHANGES	- I OI - I	COST/SETTLEMI			Line
Purchased (g)	MegaWatt Hours Received (h)	MegaWatt Hou Delivered (i)	urs Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charg (\$) (I)	ges Total (j+k+l) of Settlement (\$) (m)	No.
137				6,966		6,966	1
1				64		64	2
7				339		339	3
1				41		41	4
139				6,050		6,050	5
8,913				608,495		608,495	6
8,755				659,719		659,719	7
3,886				257,529		257,529	8
507				28,846		28,846	9
1				37		37	10
10				475		475	11
6				314		314	12
3				147		147	13
							14

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Duke Energy Card	dingo IIC	(1)	is Report Is:  XAn Original	(Mo, Da		Year/Period of Repore End of 2017/Q4	
	olinas, LLC	(2)		04/12/2	2018	Lild Of	•
		PURC	ASED POWER(Account (Including power exch	it 555) (Continued) langes)			
•	eriod adjustment.  l an explanation in a i			ments or "true-ups"	for service pro	ovided in prior reporting	
			•				
designation for th	ne contract. On sep	arate lines, list al		•		nclude an appropriate under which service, as	
	mn (b), is provided.		onico involvina doma	nd charges imposes	d on a monnth	ly (or longer) basis, and	or
						ly (or longer) basis, ent in column (e), and the	E
						nns (d), (e) and (f). Mo	
						and is the metered dem ported in columns (e) ar	
			ted on a megawatt ba		K. Demana rep		ia (i)
6. Report in colu	mn (g) the megawa	atthours shown or	bills rendered to the	respondent. Report		) and (i) the megawatth	ours
•	•		the basis for settleme	•	•	anna inaludian	
			rges in column (k), an footnote all componer			n (I). Report in column	(m)
						olumn (m) the settleme	
amount for the n	et receipt of energy	. If more energy	was delivered than re	ceived, enter a neg	ative amount.	If the settlement amou	
	-	_	eration expenses, or	(2) excludes certain	credits or cha	arges covered by the	
•	ide an explanatory		ed on the last line of th	ne schedule. The to	stal amount in	column (a) must be	
						Received on Page 40	1.
			ted as Exchange Deli				,
9. Footnote entr	ies as required and	l provide explana	ions following all requ	iired data.			
		(CHANGES		COST/SETTLEM			Line
MegaWatt Hours Purchased	MegaWatt Hours	MegaWatt Hours	Demand Charges	Energy Charges	Other Charg	ges   Total (j+k+l)	Line No.
			Demand Charges (\$)				
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered		Energy Charges	Other Charg	ges Total (j+k+l) of Settlement (\$)	No.
Purchased (g)	MegaWatt Hours Received (h)	MegaWatt Hours Delivered		Energy Charges (\$) (k)	Other Charg	ges Total (j+k+l) of Settlement (\$) (m)	No. 1
Purchased (g) 14,669 5	MegaWatt Hours Received (h)	MegaWatt Hours Delivered		Energy Charges (\$) (k) 958,566	Other Charg	ges Total (j+k+l) of Settlement (\$) (m) 958,566	No. 1
Purchased (g) 14,669 5 99 5,580	MegaWatt Hours Received (h)	MegaWatt Hours Delivered		Energy Charges (\$) (k) 958,566 255	Other Charg	ges Total (j+k+l) of Settlement (\$) (m) 958,566	No. 15 2 4 3 0 4
Purchased (g) 14,669 5 99 5,580 6,642	MegaWatt Hours Received (h)	MegaWatt Hours Delivered		Energy Charges (\$) (k) 958,566 255 5,024 370,380 438,831	Other Charg	Total (j+k+l) of Settlement (\$) (m) 958,566 255 5,024 370,386 438,83	No. 1 5 2 4 3 4 5
Purchased (g)  14,669  5  99  5,580  6,642  3,736	MegaWatt Hours Received (h)	MegaWatt Hours Delivered		Energy Charges (\$) (k) 958,566 255 5,024 370,380 438,831 248,124	Other Charg	Total (j+k+l) of Settlement (\$) (m)  958,566  259  5,024  370,386  438,83	No. 15 2 4 3 0 4 1 5 6
Purchased (g) 14,669 5 99 5,580 6,642	MegaWatt Hours Received (h)	MegaWatt Hours Delivered		Energy Charges (\$) (k) 958,566 255 5,024 370,380 438,831 248,124 1,930	Other Charg	Total (j+k+l) of Settlement (\$) (m)  958,566  256  5,024  370,386  438,83  248,124	No. 15 2 4 3 6 6 7
Purchased (g)  14,669  5  99  5,580  6,642  3,736	MegaWatt Hours Received (h)	MegaWatt Hours Delivered		Energy Charges (\$) (k)  958,566  255  5,024  370,380  438,831  248,124  1,930  166	Other Charg	Total (j+k+l) of Settlement (\$) (m)  958,566  258  5,024  370,386  438,83  248,124  1,936	No. 15 2 4 3 5 4 6 6 7 8 8
Purchased (g)  14,669  5  99  5,580  6,642  3,736	MegaWatt Hours Received (h)	MegaWatt Hours Delivered		Energy Charges (\$) (k)  958,566  255  5,024  370,380  438,831  248,124  1,930  166  114,047	Other Charg	Total (j+k+l) of Settlement (\$) (m)  958,566  259  5,024  370,386  438,83  248,124  1,936  114,043	No. 1 1 5 4 6 0 7 9
Purchased (g)  14,669  5  99  5,580  6,642  3,736	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	(\$) (j)	Energy Charges (\$) (k)  958,566  255  5,024  370,380  438,831  248,124  1,930  166  114,047  16,460	Other Charg	Total (j+k+l) of Settlement (\$) (m)  958,566  255  5,024  370,386  438,83  248,124  1,936  114,045  16,466	No. 15 1 3 3 0 4 1 5 6 0 7 6 8 8 7 9 0 10
Purchased (g)  14,669  5  99  5,580  6,642  3,736  34	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	(\$) (j)	Energy Charges (\$) (k)  958,566  255  5,024  370,380  438,831  248,124  1,930  166  114,047  16,460  4,929,958	Other Charg	Total (j+k+l) of Settlement (\$) (m)  958,566  258  5,024  370,386  438,83  248,124  1,936  114,045  16,466  4,196,155	No.  1
Purchased (g)  14,669  5  99  5,580  6,642  3,736	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	(\$) (j)	Energy Charges (\$) (k)  958,566  255  5,024  370,380  438,831  248,124  1,930  166  114,047  16,460	Other Charg	Total (j+k+l) of Settlement (\$) (m)  958,566  255  5,024  370,386  438,83  248,124  1,936  114,045  16,466	No.  1
(g) 14,669 5 99 5,580 6,642 3,736 34	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	(\$) (j)	Energy Charges (\$) (k)  958,566  255  5,024  370,380  438,831  248,124  1,930  166  114,047  16,460  4,929,958  3,315,836	Other Charg	Total (j+k+l) of Settlement (\$) (m)  958,566  256  5,024  370,386  438,83  248,124  1,936  114,04  16,466  4,196,15  2,714,03	No.    No.     No.
Purchased (g)  14,669  5  99  5,580  6,642  3,736  34	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	(\$) (j)	Energy Charges (\$) (k)  958,566  255  5,024  370,380  438,831  248,124  1,930  166  114,047  16,460  4,929,958	Other Charg	Total (j+k+l) of Settlement (\$) (m)  958,566  258  5,024  370,386  438,83  248,124  1,936  114,045  16,466  4,196,155	No.    No.     No.
Purchased (g)  14,669  5  99  5,580  6,642  3,736  34	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	(\$) (j)	Energy Charges (\$) (k)  958,566  255  5,024  370,380  438,831  248,124  1,930  166  114,047  16,460  4,929,958  3,315,836	Other Charg	Total (j+k+l) of Settlement (\$) (m)  958,566  256  5,024  370,386  438,83  248,124  1,936  114,04  16,466  4,196,15  2,714,03	No.    No.     No.
Purchased (g)  14,669  5  99  5,580  6,642  3,736  34	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	(\$) (j)	Energy Charges (\$) (k)  958,566  255  5,024  370,380  438,831  248,124  1,930  166  114,047  16,460  4,929,958  3,315,836	Other Charg	Total (j+k+l) of Settlement (\$) (m)  958,566  256  5,024  370,386  438,83  248,124  1,936  114,04  16,466  4,196,15  2,714,03	No.    No.     No.

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Name of Responde Duke Energy Card		Tr   (1	nis Report Is: ) XAn Original	(Mo, Da		Year/Period of Report End of 2017/Q4	
Duke Energy Card	olilias, LLC	(2	, m	04/12/2	2018	Elid of	
		PURCI	HASED POWER(Accour (Including power exch	it 555) (Continued) langes)			
•	eriod adjustment. In explanation in a			ments or "true-ups"	for service prov	vided 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 6. Report in column for the mout-of-period adjudent for the negation of the total charge samount for the negation of the detail in correported as Purcine 12. The total	identify the FERC ne contract. On set mn (b), is provided into RQ purchases age billing demand coincident peak (the maximum metal formation of the megaway ges received and charges in columustments, in columustments, in columustments, in columustments, in columustments, in columustments, in columustments, in columustments, in columustments, in columustments, in columustments of the metal formation of the metal	Rate Schedule N parate lines, list a l. and any type of s d in column (d), th CP) demand in column (60-m ion) in which the say demand not statthours shown or delivered, used as mn (j), energy chann (l). Explain in a leived as settlemery. If more energy an incremental gent footnote. (m) must be totalled, line 10. The ton (i) must be repo	umber or Tariff, or, for II FERC rate schedule service involving dema te average monthly no plumn (f). For all other inute integration) dem supplier's system reacted on a megawatt ban bills rendered to the sthe basis for settlemes arges in column (k), and footnote all component by the respondent. was delivered than reneration expenses, or	nd charges imposed n-coincident peak (I types of service, end and in a month. Monthes its monthly peal sis and explain. respondent. Reportent. Do not report nead the total of any other to the amount short power exchanguacived, enter a negacived, enter a negacived. The total of the schedule. The total of must be reported the schedule. The total on Page 401, wered on Page 401,	designations und on a monnthly NCP) demand inter NA in columnthly CP demand reports. Demand reports in columns (h) et exchange. The types of challown in columnes, report in columnes, rep	nder which service, as  y (or longer) basis, enter n column (e), and the ns (d), (e) and (f). Monta nd is the metered dema orted in columns (e) and and (i) the megawattho arges, including (I). Report in column (i) umn (m) the settlement of the settlement amoun ges covered by the	thly nd d (f) urs m) t (l)
MegaWatt Hours		XCHANGES		COST/SETTLEM			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.
	1,232,739	1,138,48	3 -244,603	442,406		197,803	1
-2,450		2,45	0	-52,358		-52,358	2
-2,010		2,01	0	-42,939		-42,939	3
							4
-817		81	7	-17,453		-17,453	5
291,577		<del>-</del> -	8,002,177	7,440,208		15,442,385	6
			1,11	, , , , ,		-, ,	7
123,724				4,806,976		4,806,976	8
622,523			10,480,820	21,433,078		31,913,898	9
022,020			10,400,020	21,400,070		31,913,090	10
704			0.200	33.053		40.000	11
734			9,309			42,262	
E 040 440			107,748			107,748 145,066,188	
5,313,446	1 I		I	145,066,188			12
1,792				51 5-0			13
				51,573		51,573	

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Name of Responde			This Report Is: 1) □ X An Original	(Mo, Date of	Report a, Yr)	Year/Period of Report End of 2017/Q4	
Duke Energy Card	olinas, LLC	,	2) A Resubmission	04/12/2	2018	EII0 01	
		PURC	CHASED POWER(Account (Including power exch	it 555) (Continued) langes)			
-	eriod adjustment. In explanation in a		r any accounting adjust n adjustment.	ments or "true-ups"	for service prov	vided in prior reporting	
4. In column (c), designation for the dentified in column 5. For requirementhe monthly average monthly NCP demand is during the hour (must be in mega 5. Report in column for the mout-of-period adjudent for the north for the north for the north formulation of the north fo	identify the FERC ne contract. On seem (b), is provided nts RQ purchases age billing demandation coincident peak (of the maximum meters and (b) the megaw ges received and charges in columustments, in columustme	Rate Schedule National Parate lines, list and any type of d in column (d), to CP) demand in cered hourly (60-nation) in which the my demand not structured, used a mn (j), energy chann (j), energy chann (j). Explain in a served as settlemedy. If more energian incremental generation of the column to the total of the column to the total of the column to the total of the column to the total of the column to t	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 on bills rendered to the is the basis for settlement by the respondent. It is a footnote all componerent by the respondent. It is a footnote all componerent by the respondent. It is a footnote all componerent by the respondent. It is a footnote all componerent by the respondent. It is a footnote all componerent by the respondent of the last line of the otal amount in column of the control of the last line of	nd charges imposed n-coincident peak (I types of service, entand in a month. More hes its monthly peal sis and explain. respondent. Reportent. Do not report nead the total of any other of the amount short power exchanguacived, enter a negacived, enter a negacived. The total of the schedule. The total of nust be reported to the schedule. The total of nust be reported on Page 401,	designations und on a monnthly NCP) demand inter NA in columnthly CP demand reports. Demand reports in columns (h) et exchange. The types of challown in columnes, report in columnes, rep	nder which service, as  y (or longer) basis, enter n column (e), and the ns (d), (e) and (f). Mon nd is the metered demandered in columns (e) an and (i) the megawatthe arges, including (I). Report in column ( umn (m) the settlement f the settlement amour ages covered by the olumn (g) must be	thly and d (f) burs (m) t t nt (l)
	POWER F	XCHANGES		COST/SETTLEM	ENT OF POWER		
		XCHANGES  MegaWatt Hour	s Demand Charges	COST/SETTLEMI Energy Charges			Line
MegaWatt Hours Purchased (a)	MegaWatt Hours Received	MegaWatt Hour Delivered		Energy Charges	Other Charge	es Total (j+k+l) of Settlement (\$)	Line No.
Purchased (g)	MegaWatt Hours Received (h)	MegaWatt Hour	s Demand Charges (\$) (j)	Energy Charges (\$) (k)		Total (j+k+l) of Settlement (\$) (m)	- 1
Purchased	MegaWatt Hours Received (h)	MegaWatt Hour Delivered		Energy Charges	Other Charge	es Total (j+k+l) of Settlement (\$)	No.
Purchased (g) 1,264	MegaWatt Hours Received (h)	MegaWatt Hour Delivered		Energy Charges (\$) (k) 27,967 235,300	Other Charge	Total (j+k+l) of Settlement (\$) (m) 27,967	No. 1 2
Purchased (g) 1,264 10,035	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j)	Energy Charges (\$) (k) 27,967 235,300	Other Charge	PS Total (j+k+l) of Settlement (\$) (m) 27,967 235,300	No. 1 2
Purchased (g) 1,264 10,035	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j)	Energy Charges (\$) (k) 27,967 235,300	Other Charge	PS Total (j+k+l) of Settlement (\$) (m) 27,967 235,300	No. 1 2 3 4
Purchased (g) 1,264 10,035 78,408	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j)	Energy Charges (\$) (k) 27,967 235,300 1,981,162	Other Charge	Total (j+k+l) of Settlement (\$) (m) 27,967 235,300 4,014,842	No. 1 2 3 4 5
Purchased (g) 1,264 10,035 78,408	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j)	Energy Charges (\$) (k) 27,967 235,300 1,981,162 1,704,036 49,260	Other Charge	Total (j+k+l) of Settlement (\$) (m) 27,967 235,300 4,014,842 1,704,036	No. 1 2 3 4 5 6
Purchased (g) 1,264 10,035 78,408	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j) 2,033,680	Energy Charges (\$) (k) 27,967 235,300 1,981,162 1,704,036 49,260	Other Charge	Total (j+k+l) of Settlement (\$) (m) 27,967 235,300 4,014,842 1,704,036 49,260	No. 1 2 3 4 5 6 7
Purchased (g) 1,264 10,035 78,408 45,008 2,160	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j) 2,033,680	Energy Charges (\$) (k) 27,967 235,300 1,981,162 1,704,036 49,260	Other Charge	Total (j+k+l) of Settlement (\$) (m)  27,967  235,300  4,014,842  1,704,036  49,260  53,296	No.  1 2 3 4 5 6 7 8
Purchased (g) 1,264 10,035 78,408 45,008 2,160	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j) 2,033,680	Energy Charges (\$) (k)  27,967  235,300  1,981,162  1,704,036  49,260  181,750	Other Charge	Total (j+k+l) of Settlement (\$) (m)  27,967  235,300  4,014,842  1,704,036  49,260  53,296  181,750	No.  1 2 3 4 5 6 7 8
Purchased (g) 1,264 10,035 78,408 45,008 2,160	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j) 2,033,680	Energy Charges (\$) (k)  27,967  235,300  1,981,162  1,704,036  49,260  181,750	Other Charge	Total (j+k+l) of Settlement (\$) (m)  27,967  235,300  4,014,842  1,704,036  49,260  53,296  181,750	No.  1 2 3 4 5 6 7 8 9 10
Purchased (g)  1,264  10,035  78,408  45,008  2,160  2,820  467,732	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j) 2,033,680	Energy Charges (\$) (k)  27,967  235,300  1,981,162  1,704,036  49,260  181,750  13,097,418	Other Charge	Total (j+k+l) of Settlement (\$) (m)  27,967  235,300  4,014,842  1,704,036  49,260  53,296  181,750  13,097,418	No.  1 2 3 4 5 6 7 8 9 10
Purchased (g)  1,264  10,035  78,408  45,008  2,160  2,820  467,732	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j) 2,033,680	Energy Charges (\$) (k)  27,967  235,300  1,981,162  1,704,036  49,260  181,750  13,097,418  27,525	Other Charge	Total (j+k+l) of Settlement (\$) (m)  27,967  235,300  4,014,842  1,704,036  49,260  53,296  181,750  13,097,418	No.  1 2 3 4 5 6 7 8 9 10 11 12
Purchased (g)  1,264 10,035 78,408 45,008 2,160 2,820 467,732	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j) 2,033,680	Energy Charges (\$) (k)  27,967  235,300  1,981,162  1,704,036  49,260  181,750  13,097,418  27,525	Other Charge	Total (j+k+l) of Settlement (\$) (m)  27,967  235,300  4,014,842  1,704,036  49,260  53,296  181,750  13,097,418  27,525	No.  1 2 3 4 5 6 7 8 9 10 11 12
Purchased (g)  1,264 10,035 78,408 45,008 2,160 2,820 467,732	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j) 2,033,680	Energy Charges (\$) (k)  27,967  235,300  1,981,162  1,704,036  49,260  181,750  13,097,418  27,525	Other Charge	Total (j+k+l) of Settlement (\$) (m)  27,967  235,300  4,014,842  1,704,036  49,260  53,296  181,750  13,097,418  27,525	No.  1 2 3 4 5 6 7 8 9 10 11 12 13
Purchased (g)  1,264 10,035 78,408 45,008 2,160 2,820 467,732	MegaWatt Hours Received (h)	MegaWatt Hour Delivered	(\$) (j) 2,033,680	Energy Charges (\$) (k)  27,967  235,300  1,981,162  1,704,036  49,260  181,750  13,097,418  27,525	Other Charge	Total (j+k+l) of Settlement (\$) (m)  27,967  235,300  4,014,842  1,704,036  49,260  53,296  181,750  13,097,418  27,525	No.  1 2 3 4 5 6 7 8 9 10 11 12 13

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Name of Responde	ent		his Report Is:	Date of		Year/Period of Report	
Duke Energy Card	olinas, LLC	1	1) XAn Original 2) A Resubmission	(Mo, Da 04/12/2		End of2017/Q4	
		,	CHASED POWER(Account ( (Including power exchai	555) (Continued)			
•		Use this code for	any accounting adjustm		for service prov	vided in prior reporting	
years. Provide a	an explanation in a	tootnote for each	n adjustment.				
designation for the dentified in colum 5. For requireme	he contract. On se mn (b), is provided ents RQ purchases	parate lines, list a l. and any type of	Number or Tariff, or, for nall FERC rate schedules, service involving demande average monthly non-	tariffs or contract of charges imposed	designations ur	nder which service, as v (or longer) basis, ente	r
NCP demand is during the hour (	the maximum met 60-minute integrat	ered hourly (60-n tion) in which the	olumn (f). For all other ty ninute integration) demar supplier's system reache ated on a megawatt basi	nd in a month. Mon es its monthly peak	thly CP deman	nd is the metered deman	nd
of power exchan	ges received and	delivered, used a	on bills rendered to the re	t. Do not report ne	t exchange.		urs
out-of-period adj	ustments, in colum	nn (I). Explain in a	arges in column (k), and a footnote all components	s of the amount sh	own in column	(I). Report in column (r	
amount for the n	et receipt of energ	y. If more energ	ent by the respondent. For y was delivered than rece	eived, enter a nega	itive amount. I	f the settlement amount	
agreement, prov	ide an explanatory	footnote.	eneration expenses, or (2				
			lled on the last line of the otal amount in column (h				
			orted as Exchange Delive ations following all require	_	line 13.		
	·						
MegaWatt Hours	POWER E	XCHANGES	Domand Charges	COST/SETTLEME			Line
Purchased	Received	MegaWatt Hour Delivered	s Demand Charges (\$)	Energy Charges (\$) (k)	Other Charge (\$) (I)	of Settlement (\$)	No.
(g)	(h)	(i)	(j)	` '	(1)	(m)	
243,200				6,630,992		6,630,992	
528,908	3			14,230,292		14,230,292	1
				-6,263		-6,263	2
						050	2
				850		850	2 3 4
				850 44,926		44,926	2 3 4 5
				44,926		44,926	2 3 4 5 6
40,519				44,926 531,440		44,926 531,440	2 3 4 5 6 7
-184				44,926 531,440 -1,840		44,926 531,440 -1,840	2 3 4 5 6 7 8
				44,926 531,440 -1,840 325,730		44,926 531,440 -1,840 325,730	2 3 4 5 6 7 8 9
-184				44,926 531,440 -1,840		44,926 531,440 -1,840	2 3 4 5 6 7 8 9
-184 9,910				44,926 531,440 -1,840 325,730 19,968		44,926 531,440 -1,840 325,730 19,968	2 3 4 5 6 7 8 9 10
-184			7,000	44,926 531,440 -1,840 325,730		44,926 531,440 -1,840 325,730 19,968 71,480	2 3 4 5 6 7 8 9 10 11
-184 9,910			7,008	44,926 531,440 -1,840 325,730 19,968		44,926 531,440 -1,840 325,730 19,968	2 3 4 5 6 7 8 9 10 11 12
-184 9,910			7,008	44,926 531,440 -1,840 325,730 19,968		44,926 531,440 -1,840 325,730 19,968 71,480	2 3 4 5 6 7 8 9 10 11
-184 9,910			7,008	44,926 531,440 -1,840 325,730 19,968		44,926 531,440 -1,840 325,730 19,968 71,480	2 3 4 5 6 7 8 9 10 11 12
-184 9,910			7,008	44,926 531,440 -1,840 325,730 19,968		44,926 531,440 -1,840 325,730 19,968 71,480	2 3 4 5 6 7 8 9 10 11 12

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Name of Responde		Th (1)	iis Report Is: ) XAn Original	Date of (Mo, D	f Report a, Yr)	Year/Period of Report End of 2017/Q4	
Duke Energy Card	Diinas, LLC	(2)	, I	04/12/2	2018		
		PURCE	HASED POWER(Accoun (Including power exch	t 555) (Continued) anges)			
•	eriod adjustment. In explanation in a			ments 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 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 seemn (b), is provided into RQ purchases age billing demandrate coincident peak (of the maximum metical maximum metical maximum metical maximum (g) the megawatts. Footnote arm (g) the megawatts in columustments, in columustments, in columustments, in columustments, in columustments, in columustments, in columustments of energing receipt of energing r	Rate Schedule Not parate lines, list all.  It and any type of some din column (d), the CP) demand in column (60-micion) in which the some delivered, used as mn (j), energy chann (j), energy ch	umber or Tariff, or, for I FERC rate schedules ervice involving dema e average monthly no lumn (f). For all other to nute integration) dema supplier's system reached on a megawatt ban bills rendered to the sthe basis for settleme rges in column (k), an footnote all componer at by the respondent. I was delivered than reneration expenses, or	s, tariffs or contract and charges imposed in-coincident peak (I types of service, end and in a month. Mones its monthly peak is and explain. The service of the amount short of the amount short power exchanging ceived, enter a negular excludes certain the schedule. The total of any other than the schedule. The total of any other than the schedule. The total of any other than the schedule. The total of any other than the schedule. The total of any other than the schedule. The total of any other than the schedule. The total of any other than the schedule 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 columnes, report in columnes, report in columnes, recolumnes, y (or longer) basis, enterin column (e), and the nns (d), (e) and (f). Mon nd is the metered demandered in columns (e) and and (i) the megawatthe larges, including in (l). Report in column (blumn (m) the settlement amount rges covered by the	thly and d (f) burs m) t	
	POWER E	XCHANGES		COST/SETTLEM	ENT OF POWER	3 1	
MegaWatt Hours Purchased	MegaWatt Hours Received	MegaWatt Hours Delivered	Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charg (\$) (I)	es Total (j+k+l) of Settlement (\$)	Line No.
(g)	(h)	(i)	(J) 238,272	(K)	(1)	(m) 238,272	1
1,444			200,272	47,354		47,354	2
				· · · · · · · · · · · · · · · · · · ·			3
1,780				16,551		16,551	4
351				7,766		7,766	5
6,223				300,147		300,147	
1,918				22,867		22,867	6
7,074							6 7
				165,042		165,042	
				165,042		165,042	7
34.570							7 8 9
34,570				983,908		983,908	7 8 9 10
34,570	49			983,908 1,892		983,908 1,892	7 8 9 10
34,570				983,908		983,908 1,892 26,494	7 8 9 10
34,570	49 884			983,908 1,892 26,494		983,908 1,892	7 8 9 10 11 12

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Duke Energy Card		(1)	is Report Is:    X An Original	Date of (Mo, Date)	Report	Year/Period of Repo	
	olinas, LLC	(2)	<b>—</b> ~ ~	04/12/2		End of2017/Q-	-
		PURCH	HASED POWER(Accour (Including power exch	nt 555) (Continued)	<del> </del>		
-	eriod adjustment. I	Use this code for	any accounting adjust		for service pro	ovided in prior reporting	J
4. In column (c), designation for the dentified in column 5. For requirement he monthly average monthly NCP demand is during the hour (must be in mega 6. Report in column for exchand for the mout-of-period adjudent for the nonclude credits of agreement, proving 12. The total	identify the FERC ne contract. On segmn (b), is provided ints RQ purchases age billing demand coincident peak (0 the maximum meter 60-minute integration watts. Footnote and mn (g) the megawages received and charges in column shown on bills receipt of energy or charges other that ide an explanatory olumn (g) through (chases on Page 40 all amount in column	Rate Schedule No parate lines, list all parat	umber or Tariff, or, for I FERC rate schedule ervice involving dema e average monthly no lumn (f). For all other nute integration) demupplier's system reacted on a megawatt bathe basis for settlemerges in column (k), art footnote all component by the respondent. was delivered than reperation expenses, or	and charges imposed on-coincident peak (Notypes of service, ent and in a month. More these its monthly peak asis and explain.  The service of the amount should be total of any other than the total of any other than the total of any other than the total of any other than the schedule. The total of the schedule. The total of any other than the schedule. The total of any other than the schedule. The total of any other than the schedule. The total of any other than the schedule. The total of any other than the schedule. The total of any other than the schedule. The total of any other than the schedule. The total of any other than the schedule of a	designations under a monnthly CP) demand the NCP) demand the NCP demand repairs columns (h) at exchange, the types of chown in columnes, report in columnes, report in columnes, redits or chautal amount in columnes and the sexchange	n (I). Report in column blumn (m) the settleme If the settlement amount arges covered by the	ter  nthly land nd (f) nours  (m) nt int (l)
	DOWED E	VOLIANOTO		COST/SETTLEM	ENT OF DOWE	D	
		XCHANGES  MenaWatt Hours	Demand Charges	COST/SETTLEMI			Line
Purchased	MegaWatt Hours Received	MegaWatt Hours Delivered	Demand Charges	Energy Charges	Other Charg	ges Total (j+k+l) of Settlement (\$)	Line No.
	MegaWatt Hours Received (h)	MegaWatt Hours	Demand Charges (\$) (j)	Energy Charges (\$) (k)		res Total (j+k+l) of Settlement (\$) (m)	No.
Purchased	MegaWatt Hours Received (h) 8,432	MegaWatt Hours Delivered		Energy Charges (\$) (k) 448,033	Other Charg	res Total (j+k+l) of Settlement (\$) (m) 448,03	No.
Purchased	MegaWatt Hours Received (h) 8,432	MegaWatt Hours Delivered		Energy Charges (\$) (k) 448,033 30,234	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03	No. 3 1 4 2
Purchased	MegaWatt Hours Received (h) 8,432	MegaWatt Hours Delivered		Energy Charges (\$) (k) 448,033 30,234 4,058	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03 30,23 4,05	No. 3 1 4 2 8 3
Purchased	MegaWatt Hours Received (h) 8,432 1,308	MegaWatt Hours Delivered		Energy Charges (\$) (k) 448,033 30,234	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03	No. 3 1 4 2 8 3
Purchased	MegaWatt Hours Received (h) 8,432 1,308	MegaWatt Hours Delivered		Energy Charges (\$) (k) 448,033 30,234 4,058	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03 30,23 4,05	No. 3 1 4 2 8 3 5 4 5
Purchased	MegaWatt Hours Received (h) 8,432 1,308	MegaWatt Hours Delivered		Energy Charges (\$) (k)  448,033  30,234  4,058  935,095	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03 30,23 4,05 935,09	No. 3 1 4 2 8 3 5 4 5 6 6
Purchased	MegaWatt Hours Received (h) 8,432 1,308	MegaWatt Hours Delivered		Energy Charges (\$) (k)  448,033 30,234 4,058 935,095	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03 30,23 4,05 935,09	No. 3 1 4 2 8 3 5 4 5 6 6
Purchased	MegaWatt Hours Received (h) 8,432 1,308	MegaWatt Hours Delivered		Energy Charges (\$) (k)  448,033 30,234 4,058 935,095	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03 30,23 4,05 935,09	No.  3 1 4 2 8 3 5 4 5 6 6 6 8 7 7 8
Purchased	MegaWatt Hours Received (h) 8,432 1,308	MegaWatt Hours Delivered		Energy Charges (\$) (k)  448,033  30,234  4,058  935,095  396  548	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03 30,23 4,05 935,09	No.  3 1 4 2 8 3 5 4 5 6 6 6 8 7 7 8 8 9
Purchased	MegaWatt Hours Received (h) 8,432 1,308	MegaWatt Hours Delivered		Energy Charges (\$) (k)  448,033 30,234 4,058 935,095  396 548 7 508	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03 30,23 4,05 935,09 54	No.  3 1 4 2 8 3 5 4 5 6 6 8 7 7 8 8 9 7 10
Purchased	MegaWatt Hours Received (h) 8,432 1,308	MegaWatt Hours Delivered		Energy Charges (\$) (k)  448,033  30,234  4,058  935,095  396  548  7  508	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03 30,23 4,05 935,09 54	No.  3 1 4 2 8 3 5 4 5 6 6 6 8 7 7 8 8 9 7 10 0 11
	MegaWatt Hours Received (h) 8,432 1,308	MegaWatt Hours Delivered		Energy Charges (\$) (k)  448,033  30,234  4,058  935,095  396  548  7  508  17	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03 30,23 4,05 935,09 54 50 1 4 11	No.  3 1 4 2 8 3 5 4 5 6 6 6 8 7 7 8 8 9 7 10 0 11
Purchased	MegaWatt Hours Received (h) 8,432 1,308	MegaWatt Hours Delivered		Energy Charges (\$) (k)  448,033  30,234  4,058  935,095  396  548  7  508  17	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03 30,23 4,05 935,09 54 50 1 4 11	No.  3 1 4 2 8 3 5 4 5 6 6 8 7 7 8 8 9 7 10 0 11 7 12
Purchased	MegaWatt Hours Received (h) 8,432 1,308	MegaWatt Hours Delivered		Energy Charges (\$) (k)  448,033  30,234  4,058  935,095  396  548  7  508  17	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03 30,23 4,05 935,09 54 50 1 4 11	No.  3 1 4 2 8 3 5 4 5 6 6 6 8 7 7 8 8 9 7 10 0 11 7 12 3 13
Purchased	MegaWatt Hours Received (h) 8,432 1,308	MegaWatt Hours Delivered		Energy Charges (\$) (k)  448,033  30,234  4,058  935,095  396  548  7  508  17	Other Charg	Total (j+k+l) of Settlement (\$) (m) 448,03 30,23 4,05 935,09 54 50 1 4 11	No.  3 1 4 2 8 3 5 4 5 6 6 6 8 7 7 8 8 9 7 10 0 11 7 12 3 13

325,638,134

348,770,283

9,478,719

8,108,954

Duke Energy Card		/	his Repor			of Report	Year/Pe	riod of Report	
	linas, LLC	1 3		n Original Resubmission		Da, Yr) /2018	End of	2017/Q4	
		,	,		t 555) (Continued) anges)				
ND - for out-of-pe	eriod adjustment.  l					" for service pr	ovided in pri	ior reporting	
•	n explanation in a		-		ments of true-ups	Tor service pro	ovided iii pii	ior reporting	
esignation for the dentified in colure. For requirement me monthly averoverage monthly ICP demand is furing the hour (nust be in megals. Report in colure for the me total charges mount for the nuclude credits or greement, provident to the data in colure.	identify the FERC ne contract. On segmn (b), is provided, nts RQ purchases age billing demand coincident peak (C) the maximum meter 60-minute integrati watts. Footnote and (g) the megawages received and charges in columustments,	and any type of and any type of in column (d), to column (d), to column (d), to column (d), to column (e), demand in column (f), energy chan (f), energy chan (f). Explain in a fived as settlement. If more energy in incremental getfootnote.  m) must be total	service in the avera column (f) ninute into supplier atted on a control of the properties of the base arges in a footnote of the properties of the propertie	nvolving dema ge monthly no . For all other tegration) dema s system reach a megawatt bath andered to the sis for settleme column (k), and e all componer e respondent. livered than re expenses, or	nd charges impose imposed impo	ed on a monnthe (NCP) demand on the NA in columnthly CP demand repart in columns (hotel exchange. The thorn in columner to the	under which aly (or longe in column ( mns (d), (e) and is the m corted in col ) and (i) the harges, inclu n (I). Repor column (m) th If the settle arges covere column (g)	r) basis, enter (e), and the and (f). Monetered demailumns (e) and megawatthouting trin column (he settlement amoured by the must be	thly and d (f) ours (m) t nt (l)
ne 12. The tota	hases on Page 40 <sup>-</sup> I amount in columning as required and	i (i) must be repo	orted as I	Exchange Deli	vered on Page 40		e Received o	on Page 401	,
. Footnote entr	ies as required and	i provide explana	ations ioi	lowing all requ	ireu uata.				
MegaWatt Hours									
		XCHANGES				MENT OF POWE			Line
Purchased	MegaWatt Hours	MegaWatt Hours	s Dem	nand Charges	Energy Charges	Other Char	ges To	tal (j+k+l)	Line No.
			s Dem	nand Charges (\$) (j)			ges To	tal (j+k+l) ettlement (\$) (m)	
Purchased	MegaWatt Hours Received	MegaWatt Hours Delivered	s Dem		Energy Charges	Other Charge (\$)	ges To	ettlement (\$)	No.
Purchased	MegaWatt Hours Received	MegaWatt Hours Delivered	s Dem		Energy Charges (\$) (k)	Other Charge (\$)	ges To	ettlement (\$) (m)	No. 1 2
Purchased	MegaWatt Hours Received	MegaWatt Hours Delivered	s Dem		Energy Charges (\$) (k)	Other Charge (\$) (I)	ges To	ettlement (\$) (m)	No. 1 2
Purchased	MegaWatt Hours Received	MegaWatt Hours Delivered	s Dem		Energy Charges (\$) (k)	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88	No.
Purchased	MegaWatt Hours Received	MegaWatt Hours Delivered	s Dem		Energy Charges (\$) (k) 8	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88	No. 1 2 3 4
Purchased	MegaWatt Hours Received	MegaWatt Hours Delivered			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No. 1 2 3 4
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No.  1 2 3 4 5
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No. 1 2 3 4 5 6
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No. 1 2 3 4 5 6 7
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No. 1 2 3 4 5 6 7 8
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No.  1 2 3 4 5 6 7 8 9 10
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No.  1 2 3 4 5 6 7 8 9 10 11
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No.  1 2 3 4 5 6 7 8 9 10 11 12
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No.  1 2 3 4 5 6 7 8 9 10 11 12 13
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No.  1 2 3 4 5 6 7 8 9 10 11 12
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No.  1 2 3 4 5 6 7 8 9 10 11 12 13
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No.  1 2 3 4 5 6 7 8 9 10 11 12 13
Purchased	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)			Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No.  1 2 3 4 5 6 7 8 9 10 11 12 13
Purchased	MegaWatt Hours Received (h)  103,423	MegaWatt Hours Delivered (i)	23		Energy Charges (\$) (k)  8  73	Other Charge (\$) (I)	ges To	ettlement (\$) (m) 88 730 63	No.  1 2 3 4 5 6 7 8 9 10 11 12 13 14

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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

Schedule Page: 326 Line No.: 1 Column: c
(1) This company is a Qualifying Facility (QF) pursuant to PURPA. Rates for purchases from QF's are set by the North Carolina Utilities Commission and the South Carolina Public Service Commission and therefore have no designated FERC Rate Schedule or Tariff Number.

Schedule Page: 326.27 Line No.: 8 Column: c

(2) Purchase from this company is done pursuant to a Market Rate tariff of purchaser.

Schedule Page: 326.30 Line No.: 2 Column: c

(3) Settlement for imbalance exchange.

Schedule Page: 326.30 Line No.: 11 Column: c

(4) Settlement for imbalance exchange.

Schedule Page: 326.32 Line No.: 6 Column: c

(5) The Operation Regulation refers to MWHs scheduled in versus MWHs scheduled out of the Duke Balancing Authority.

		(1) X An Original	Date of Report (Mo, Da, Yr)	Year/Period of I	17/Q4
Duke Energy Carolinas, LLC		(2) A Resubmission	04/12/2018	End of 20	17/Q4
	TRANS	MISSION OF ELECTRICITY FOR OTHERS ncluding transactions referred to as 'wheel	S (Account 456.1)		
1 R	eport all transmission of electricity, i.e., wh			r nublic authorities	
	fying facilities, non-traditional utility supplie			public authorities	,
	se a separate line of data for each distinct			lumn (a), (b) and (	c).
	eport in column (a) the company or public				
publi	c authority that the energy was received from	om and in column (c) the company or p	oublic authority that the	energy was deliv	ered to.
	ide the full name of each company or publi			nyms. Explain in a	footnote
,	ownership interest in or affiliation the respo		. , . , . ,		
	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				
each	adjustment. See General Instruction for de	efinitions of codes.			
					10
Line	Payment By (Company of Public Authority)	Energy Received From (Company of Public Authority)	Energy De (Company of P	elivered To Jublic Authority)	Statistical Classifi-
No.	(Footnote Affiliation)	(Footnote Affiliation)	(Footnote		cation
	(a)	(b)	· ·	c)	(d)
1	Brookfield Energy Marketing LP	Various	Various		LFP
2	Brookfield Energy Marketing LP	Various	Various		LFP
3	Brookfield Energy Marketing LP	Various	Various		SFP
4	Brookfield Energy Marketing LP	Various	Various		os
5	Calpine Power Services Company	Various	Various		os
6	Cargill-Alliant LLC	Various	Various		os
7	Cargill-Alliant LLC	Various	Various		SFP
8	Carolina Power & Light	Various	Various		LFP
9	Carolina Power & Light	Various	Various		LFP
	Carolina Power & Light	Various	Various		LFP
11	Carolina Power & Light	Various	Various		LFP
12	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
	EDF Trading North America	Various	Various		SFP
	Endure Energy LLC	Various	Various		os
	Exelon Power Team	Various	Various		os
	Exelon Power Team				SFP
		Various	Various		OS
	FPLEMT (Regulated Marketing Arm of FP&L)	Various	Various		
	Florida Power Corp	Various	Various		os
	J.P. Morgan Ventures Energy Corporation	Various	Various		os
	Macquarie Energy LLC	Various	Various		OS
	Macquarie Energy LLC	Various	Various		SFP
-	Mercuria Energy America Inc.	Various	Various		os
26	Morgan Stanley Capital Group Inc	Various	Various		os
27	Morgan Stanley Capital Group Inc	Various	Various		SFP
28	NC Electric Membership Corporation	Various	Various		LFP
29	NC Electric Membership Corporation	Various	Various		LFP
30	NC Electric Membership Corporation	Various	Various		LFP
31	NC Electric Membership Corporation	Various	Various		LFP
32	NC Electric Membership Corporation	Various	Various		os
33	NC Electric Membership Corporation	Various	Various		SFP
34	NCMPA	Various	Various		os
					<del>                                     </del>
	TOTAL				

Name	e 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	04/12/2018	End of 2017/Q4		
	TRANS	MISSION OF ELECTRICITY FOR OTHER Including transactions referred to as 'whee	RS (Account 456.1)	-		
4 5						
I	eport all transmission of electricity, i.e., wh	- ·		public authorities,		
	fying facilities, non-traditional utility supplie 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 from	•	•	` '		
	ide the full name of each company or publi			9,		
	ownership interest in or affiliation the respo					
	I. In column (d) enter a Statistical Classification code based on the original contractual terms and conditions of the service as follows: FNO - Firm Network Service for Others, FNS - Firm Network Transmission Service for Self, LFP - "Long-Term Firm Point to Point					
	smission Service, OLF - Other Long-Term ervation, NF - non-firm transmission service					
I	ny accounting adjustments or "true-ups" fo			-		
	adjustment. See General Instruction for de		1			
	•					
				,		
Line	Payment By (Company of Public Authority)	Energy Received From (Company of Public Authority)	Energy De (Company of P	elivered To Statistical   Statistical   Classifi-		
No.	(Footnote Affiliation)	(Footnote Affiliation)	(Footnote			
	(a)	(b)	(0	. '		
1	NCMPA	Various	Various	SFP		
2	Rainbow Energy Marketing	Various	Various	os		
3	Rainbow Energy Marketing	Various	Various	SFP		
4	South Carolina Public Service Authority - P2P	Various	Various	LFP		
5	South Carolina Public Service Authority - P2P	Various	Various	LFP		
6	South Carolina Public Service Authority - P2P	Various	Various	os		
7	Southern Wholesale	Various	Various	LFP		
8	Southern Wholesale	Various	Various	OS		
9	Southern Wholesale	Various	Various	SFP		
10	Tenaska Power Services Co.	Various	Various	OS		
11		Various	Various	OS		
	The Energy Authority	Various	Various	SFP		
-	The Energy Authority			OS		
	Wester Energy	Various	Various	SFP		
	Westar Energy	Various	Various	31 F		
	Point to Point MWH(s) for all entries above			FNO		
	Blue Ridge Electric Membership Corporation	Various	Various	FNO		
<b>-</b>	Central Electric Power Coop	Various	Various	FNO		
<b></b>	City of Concord	Various	Various	FNO		
<u> </u>	City of Kings Mountain	Various	Various	FNO		
	City of Seneca	Various	Various	FNO		
21	EnergyUnited Electric Membership	Various	Various	FNO		
22	Greenwood Commissioners of Public Works	Various	Various	FNO		
23	Haywood Electric Membership Corporation	Various	Various	FNO		
24	Lockhart	Various	Various	FNO		
25	NC Electric Membership Corporation	Various	Various	FNO		
26	NCMPA	Various	Various	FNO		
27	Piedmont Electric Membership Corporation	Various	Various	FNO		
28	Piedmont Municipal Power Agency	Various	Various	FNO		
29	Rutherford Electric Membership Corporation	Various	Various	FNO		
30	SCE&G COMPANY	Various	Various	FNO		
31	SCPSA - Network	Various	Various	FNO		
32	Southern Power Rowan	Various	Various	FNO		
33	Dallas	Various	Various	FNO		
	Due West	Various	Various	FNO		
<del> </del>			741.540			
	TOTAL					

	e of Respondent	This (1)	Report Is:  X An Original	Date of Report (Mo, Da, Yr)	Year/Period of I	
Duke	Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of	17/Q4
	TRANSI (I	IISSION Icluding	N OF ELECTRICITY FOR OTHER g transactions referred to as 'whe	RS (Account 456.1) eling')	•	
	eport all transmission of electricity, i.e., who fying facilities, non-traditional utility supplie	eling, <sub>l</sub>	provided for other electric utili	ties, cooperatives, other	public authorities	,
	se a separate line of data for each distinct		-		lumn (a), (b) and (	c).
	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 respo				nyms. Explain in a	footnote
_	column (d) enter a Statistical Classification			. , . , . ,	s of the service as	follows:
	- Firm Network Service for Others, FNS - F					
	smission Service, OLF - Other Long-Term					
	ervation, NF - non-firm transmission service ny accounting adjustments or "true-ups" for					
	adjustment. See General Instruction for de			enous. Frovide an expid	וומנוטוז ווו מ וטטנווטנ	.6 101
					<del></del>	
Line	Payment By (Company of Public Authority)	(	Energy Received From (Company of Public Authority)	Energy De (Company of P	elivered To ublic Authority)	Statistical Classifi-
No.	(Footnote Affiliation)	`	(Footnote Affiliation)	(Footnote	Affiliation)	cation
	(a)	, .	(b)	(0	>)	(d) FNO
_	· · · · · · · · · · · · · · · · · · ·	/arious		Various		
2	ŭ	/arious		Various		FNO
$\vdash$	' '	/arious		Various		FNO
	1 07	/arious		Various		FNO FNO
	Western Carolina Energy LLC	/arious		Various		FINO
7	Revenue Accrual	/arious	)	Various		
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19 20						
21						
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23						
24						
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27						
28						
29						
30						
31						
32						
33						
34						
	TOTAL					

Name of Respo	ondent	This Report Is:		Date of Report	Year/Period of Repo	
Duke Energy Carolinas, LLC		(1) XAn Original (2) A Resubmis	ssion	(Mo, Da, Yr) 04/12/2018	End of	4
	TRAN	ISMISSION OF ELECTRICITY FOR (Including transactions ref	OR OTHERS (Acc	ount 456)(Continued)		
E la column					shadulas ar contract	
<ol> <li>In column (e), identify the FERC Rate Schedule or Tariff Number, On separate lines, list all FERC rate schedules or contract designations under which service, as identified in column (d), is provided.</li> <li>Report receipt and delivery locations for all single contract path, "point to point" transmission service. In column (f), report the designation for the substation, or other appropriate identification for where energy was received as specified in the contract. In column (g) report the designation for the substation, or other appropriate identification for where energy was delivered as specified in the contract.</li> <li>Report in column (h) the number of megawatts of billing demand that is specified in the firm transmission service contract. Demand reported in column (h) must be in megawatts. Footnote any demand not stated on a megawatts basis and explain.</li> <li>Report in column (i) and (j) the total megawatthours received and delivered.</li> </ol>						
8. Report in o	column (i) and (j) the total r	megawatthours received and o	delivered.			
FERC Rate Schedule of	Point of Receipt (Subsatation or Other	Point of Delivery (Substation or Other	Billing Demand		FER OF ENERGY	Line
Tariff Number (e)	Designation)  (f)	Designation) (g)	(MW) (h)	MegaWatt Hours Received (i)	MegaWatt Hours Delivered (j)	No.
454	Various	Various		99		1
454	Various	Various	2	200		2
443	Various	Various				3
444	Various	Various				4
45	Various	Various				5
119	Various	Various				6
187	Various	Various				7
390	Various	Various		100		8
401	Various	Various	3	350		9
382	Various	Various		150		10
470	Various	Various		150		11
405	Various	Various		300		12
35	Various	Various				13
163	Various	Various				14
319	Various	Various				15
318	Various	Various				16
412	Various	Various				17
195	Various	Various				18
194	Various	Various				19
149	Various	Various				20
292	Various	Various				21
415	Various	Various				22
486	Various	Various				23
485	Various	Various				24
476	Various	Various				25
19	Various	Various				26
308	Various	Various				27
389D	Various	Various		50		28
474	Various	Various		100		29
472	Various	Various		50		30
471	Various	Various		55		31
334	Various	Various				32
387	Various	Various				33
134	Various	Various				34
			2:	336 34,59	7,442 34,494,72	21
			2,	J4,53	34,494,72	- 1

Name of Respo	ondent	This Report Is: (1) X An Original		Date of Report (Mo, Da, Yr)	Year/Period of Report	
Duke Energy C		(2) A Resubmis	ssion	04/12/2018	End of2017/Q4	
	TRAN	ISMISSION OF ELECTRICITY F (Including transactions re	OR OTHERS (Accou	int 456)(Continued)		
designations	(e), identify the FERC Rate under which service, as ide	e Schedule or Tariff Number, entified in column (d), is provi for all single contract path, "p	On separate lines, ded.	list all FERC rate scl		
designation fo	or the substation, or other a	appropriate identification for wition, or other appropriate iden	here energy was r	eceived as specified	in the contract. In colur	mn
	• •	negawatts of billing demand t watts. Footnote any demand	•			and
		megawatthours received and			•	
FED. D. /	D : ( ( D ) : (		D.W.			
FERC Rate Schedule of	Point of Receipt (Subsatation or Other	Point of Delivery (Substation or Other	Billing Demand		ER OF ENERGY	Line
Tariff Number (e)	Designation) (f)	Designation) (g)	(MW) (h)	MegaWatt Hours Received (i)	MegaWatt Hours Delivered (j)	No.
152	Various	Various				1
4	Various	Various				2
341	Various	Various				3
33	Various	Various	1	0		4
33	Various	Various	2	<mark>2</mark>		5
33	Various	Various				6
473	Various	Various	20	0		7
12	Various	Various				8
161	Various	Various				9
60	Various	Various				10
48	Various	Various				11
306	Various	Various				12
279	Various	Various				13
278	Various	Various				14
				13,152,4	13,049,999	15
	Various	Various		1,350,	321 1,350,321	16
	Various	Various		2,828,2	250 2,828,250	17
	Various	Various		945,	945,967	18
	Various	Various		156,	132 156,432	19
	Various	Various		154, <sub>4</sub>	154,422	20
	Various	Various		2,678,	128 2,678,428	21
	Various	Various		315,	315,977	22
	Various	Various		122,0	312 122,612	23
	Various	Various		274,	327 274,827	24
	Various	Various		2,066,	2,066,504	25
	Various	Various		5,295,	5,295,123	3 26
	Various	Various		390,	127 390,127	27
	Various	Various		2,347,0	2,347,063	28
	Various	Various		1,277,	1,277,123	29
	Various	Various		4,9	903 4,903	30
	Various	Various		916,	916,956	
	Various	Various				32
	Various	Various		72,	597 72,597	33
	Various	Various		12,0	559 12,659	34
			2 22	6 24 507	142 24 404 704	
			2,33	6 34,597,	142 34,494,721	1

2,336 34,597,442 34,494,721
Various Various
Various         Various         43,598         43,598           Various         Various         Various
Various         Various         10,902         10,662           Various         43,598         43,598
Various         Various         12,000         12,000           10,000         10,000         10,000         10,000
Various         48,317         48,317
Various         119,854         119,854
(e) (f) (g) (h) (i) (j)
Schedule of (Substation or Other (Substation or Other Demand MegaWatt Hours MegaWatt Hours No.
FERC Rate   Point of Receipt   Point of Delivery   Billing   TRANSFER OF ENERGY   Lin

Name of Respondent

Name of Respondent	This Report Is: (1) XAn Original	Date of Report (Mo, Da, Yr)	Year/Period of Report End of 2017/Q4	
Duke Energy Carolinas, LLC	(2) A Resubmiss	sion 04/12/2018		
	TRANSMISSION OF ELECTRICITY FO (Including transactions reffe	R OTHERS (Account 456) (Continuered to as 'wheeling')	ed)	
charges related to the billing demander of energy transferred. In put 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 in the entity Listed in column (a). If no the nature of the non-monetary settle (i) and (j) must be reported as Trans a 16 and 17, respectively. explanations following all required dates.	n (I), provide revenues from energy from all other charges on bills amount shown in column (m). For monetary settlement was made ement, including the amount and smission Received and Transmis	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
	REVENUE FROM TRANSMISSIO	N OF ELECTRICITY FOR OTHERS		
Demand Charges	Energy Charges	(Other Charges)	Total Revenues (\$)	Line
(\$)	(\$)	(\$)	(k+l+m)	No.
(k)	(I)	(m)	(n)	
1,923,075	2,371		1,925,446	
3,885,000	305	112.122	3,885,305	
		-119,439	-119,439	3
-287,770		80,984	-206,786	
-280	1,937	5,409	7,066	
-1,728	43,815	679,229	721,316	
	99,368	2,232,586	2,331,954	7
				8
				9
				10
				11
				12
-10,060	82	-6,709	-16,687	13
				14
-12,552		249,502	236,950	15
		7,353	7,353	16
-994		1,370	376	17
-147,225		278,736	131,511	18
		1,583,804	1,583,804	19
-2,272		4,646	2,374	20
-3,465		75,227	71,762	21
-18			-18	22
-201,927	21,474	59,363	-121,090	23
	115,580	373,368	488,948	24
-816			-816	25
-65,743		710,329	644,586	26
		57,765	57,765	27
971,250			971,250	28
				29
				30
				31
-64,246		165,127	100,881	32
		48,746	48,746	33
-194,780		1,062,180	867,400	34
		.,,	,100	
63,497,802	284,932	22,297,053	86,079,787	

Name of Respondent

Name of Respondent		This Report Is:		Date of Report	Year/Period of Report	
Duke Energy Carolinas, LLC		<ul><li>(1) X An Original</li><li>(2) A Resubmiss</li></ul>	sion	(Mo, Da, Yr) 04/12/2018	End of2017/Q4	
	TRANSMISSION (Incl	OF ELECTRICITY FOuding transactions reff	R OTHERS (A	ccount 456) (Continu	ed)	
O. In column (k) through (n), report charges related to the billing demanded amount of energy transferred. In court of period adjustments. Explain the charge shown on bills rendered to in). 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 c column (m), prov n in a footnote all the entity Listed the nature of the s (i) and (j) must b s 16 and 17, resp	olumn (h). In colum ide the total revenue components of the in column (a). If no enon-monetary settle pe reported as Transectively.	n (I), provide es from all oth amount show monetary se ement, includ	revenues from ene ner charges on bills on in column (m). F ttlement was made ing the amount and	rgy charges related to the or vouchers rendered, includi Report in column (n) the total, enter zero (11011) in column type of energy or service	ing n
	DEVENITE E	ROM TRANSMISSIO	N OF ELECTR	ICITY FOR OTHERS		
Demand Charges		Charges		r Charges)	Total Revenues (\$)	Line
(\$)		(\$)	(0110)	(\$)	(k+l+m)	No.
(k)		(I)		(m)	(n)	
				901,847	901,847	1
				9,601	9,601	2
				3,758	3,758	
194,250				0,100	194,250	
194,250					194,250	
						5
-10,271					-10,271	6
1,535,735				-10,925	1,524,810	7
-365,328				2,791,129	2,425,801	8
				1,274,083	1,274,083	9
-23				1,21 1,000	-23	
				550,004		
-39,624				553,801	514,177	11
				60,170	60,170	
-2,481				35,840	33,359	13
				2,426	2,426	14
						15
3,133,718				941,170	4,074,888	
7,175,053				2,118,924	9,293,977	17
2,229,278				667,515	2,896,793	18
					<u> </u>	
316,138				94,521	410,659	
401,594				65,234	466,828	
7,503,123				1,193,242	8,696,365	21
748,450				224,607	973,057	22
298,606				89,659	388,265	23
827,118				248,423	1,075,541	24
5,971,089				-3,618	5,967,471	25
11,127,899				966,205	12,094,104	26
1,126,712				336,673	1,463,385	
5,787,643				659,674	6,447,317	28
3,590,175				1,077,269	4,667,444	29
15,441				4,251	19,692	30
2,954,589				495,524	3,450,113	31
				-450,579	-450,579	32
165,134			1	49,351	214,485	
33,084				9,092	42,176	
33,004				9,092	42,170	34
63,497,802		284,932		22,297,053	86,079,787	

Name of Respondent

Name of Respondent	This Report Is:	Date of Report	Year/Period of Report	
Duke Energy Carolinas, LLC	(1) XAn Original (2) A Resubmis	(Mo, Da, Yr) sion 04/12/2018	End of2017/Q4	
	TRANSMISSION OF ELECTRICITY FO (Including transactions refi	OR OTHERS (Account 456) (Continu	ied)	
charges related to the billing dem amount of energy transferred. In out of period adjustments. Explai charge shown on bills rendered to (n). Provide a footnote explaining rendered.  10. The total amounts in columns purposes only on Page 401, Lines.	ort the revenue amounts as shown or and reported in column (h). In colum column (m), provide the total revenuin in a footnote all components of the tothe entity Listed in column (a). If not the nature of the non-monetary setter (i) and (j) must be reported as Trans	n bills or vouchers. In column (k) an (l), provide revenues from ene es from all other charges on bills amount shown in column (m). It is monetary settlement was made lement, including the amount an smission Received and Transmission.	), provide revenues from dema ergy charges related to the s or vouchers rendered, includi Report in column (n) the total e, enter zero (11011) in columi d type of energy or service	ling n
	DEVENITE EDOM TDANSMISSIC	ON OF ELECTRICITY FOR OTHERS	2	
Demand Charges	Energy Charges	(Other Charges)	Total Revenues (\$)	Line
(\$)	(\$)	(Strief Charges)	(k+l+m)	No.
(k)	(i)	(m)	` (n) ´	
256,417		76,895	333,312	2 1
109,275		32,796	142,071	1 2
29,276		7,004	36,280	
399,399		114,045	·	
109,947		32,954	142,901	
2,090,937		74,916	2,165,853	
				7
				8
				9
				10
				11
				12
				13
				14
				15
				16
				17
				18
				19
				20
				21
				22
				23
				24
				25
				26
				27
				28
				29
				30
				31
				32
				33
				34
63,497,802	284,932	22,297,053	86,079,787	<u> </u>

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	04/12/2018	2017/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.: 1 Column: I

Energy charges include loss compensation.

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: 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.: 4 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 5 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.: 5 Column: I

Energy charges include loss compensation.

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: 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.: 6 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 7 Column: I

Energy charges include loss compensation.

Schedule Page: 328 Line No.: 7 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 8 Column: a

Carolina Power & Light is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 8 Column: h

This long term firm transaction with Carolina Power & Light expires 12/31/17.

Schedule Page: 328 Line No.: 9 Column: a

Carolina Power & Light is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 9 Column: h

This long term firm transaction with Carolina Power & Light expires 6/30/18.

Schedule Page: 328 Line No.: 10 Column: a

Carolina Power & Light is an affiliate of 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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

Schedule Page: 328 Line No.: 10 Column: h

This long term firm transaction with Carolina Power & Light expires 12/31/19.

Schedule Page: 328 Line No.: 11 Column: a

Carolina Power & Light is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 11 Column: h

This long term firm transaction with Carolina Power & Light expires 12/31/20.

Schedule Page: 328 Line No.: 12 Column: a

Carolina Power & Light is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 12 Column: h

This long term firm transaction with Carolina Power & Light expires 12/31/34.

Schedule Page: 328 Line No.: 13 Column: a

Carolina Power & Light is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 13 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.: 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.: 15 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.: 15 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 16 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 17 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.: 17 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 18 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.: 18 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 19 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 20 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.: 20 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

Schedule Page: 328 Line No.: 21 Column: a

Florida Power Corp is an affiliate of Duke Energy Carolinas, LLC.

Schedule Page: 328 Line No.: 21 Column: k

Demand charges include long term firm transmission for prior period adjustments resulting

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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

from a change in revenue requirement for transmission and schedule 1.

# 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: 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.: 23 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.: 23 Column: I

Energy charges include loss compensation.

## 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.

## 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: 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.: 26 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.: 26 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

# 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: h

This long term firm transaction with NC Electric Membership Corporation expires 9/30/19.

## Schedule Page: 328 Line No.: 28 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.: 29 Column: h

This long term firm transaction with NC Electric Membership Corporation expires 12/31/20.

#### Schedule Page: 328 Line No.: 30 Column: h

This long term firm transaction with NC Electric Membership Corporation expires 12/31/21.

## Schedule Page: 328 Line No.: 31 Column: h

This long term firm transaction with NC Electric Membership Corporation expires 12/31/21.

## Schedule Page: 328 Line No.: 32 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.: 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: k

# **FERC FORM NO. 1 (ED. 12-87)** Page 450.3

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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

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.: 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: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

### Schedule Page: 328.1 Line No.: 2 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

### Schedule Page: 328.1 Line No.: 3 Column: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

### Schedule Page: 328.1 Line No.: 4 Column: h

This long term firm transaction with SC Public Service Authority expires 12/31/18.

### Schedule Page: 328.1 Line No.: 4 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.: 5 Column: h

This long term firm transaction with SC Public Service Authority expires 12/31/21.

## Schedule Page: 328.1 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: 328.1 Line No.: 7 Column: h

This long term firm transaction with Southern Wholesale expires 5/31/17.

#### Schedule Page: 328.1 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: 328.1 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: 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.: 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: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

## 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: 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: m

Other charges include base transmission and ancillary service charges (scheduling/dispatch and reactive support).

### 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: k

Demand charges include long term firm transmission for prior period adjustments resulting from a change in revenue requirement for transmission and schedule 1.

## 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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

## 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.: 16 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

#### Schedule Page: 328.1 Line No.: 17 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

### Schedule Page: 328.1 Line No.: 18 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

#### Schedule Page: 328.1 Line No.: 19 Column: k

Reflects transmission provided to Network customers under the Duke Energy Carolinas, LLC Open Access Transmission Tariff.

# 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.: 21 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 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.: 33 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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

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.: 3 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: n

FERC Audit 1Q17 74,916

2016 OATT Settlement Accrual Reversal 4Q17 4,190,939

2017 OATT Settlement Accrual Adjustment 4Q17 -2,100,000

Rounding 4Q17 -2

Name	e of Respondent	This Report			Date of I (Mo, Da	Report	Year/	Period of Report
Duke	e Energy Carolinas, LLC	(2)	ı Original Resubmission		04/12/20		End o	of 2017/Q4
			ON OF ELECTR					
	port in Column (a) the Transmission Owner receiving							
	e a separate line of data for each distinct type of tr Column (b) enter a Statistical Classification code b						e as follov	ws: FNO – Firm
	ork Service for Others, FNS – Firm Network Transi							
Long-	Term Firm Transmission Service, SFP – Short-Te	rm Firm Point	t-to-Point Transr	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 tari							nations under which
	e, as identified in column (b) was provided.						act accig.	
	column (d) report the revenue amounts as shown of							
6. Rep	port in column (e) the total revenues distributed to Payment Received by	the entity list	ed in column (a) Statistical		ata Schadula	Total Revenu	e by Pate	Total Revenue
No.	(Transmission Owner Name) (a)		Classification (b)	or Tari	ff Number (c)	Schedule or (d)		(e)
1	• •		, ,		, ,	, ,		, ,
2								
3								
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31							-	
32								
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36								
37								
38								
38								
40	TOTAL							

	e of Respondent e Energy Carolinas, LLC			n Original	(	Date of Report (Mo, Da, Yr)	Year/Per End of	iod of Report 2017/Q4
Dun		TDANC	1 ' ' 1 1	Resubmission	BY OTHERS (A	04/12/2018		
		TRANS (I	Including trans	sactions referred	d to as "wheeling	g")		
auth 2. In abbr rans rans 3. In FNS Long Serv 4. Ro dem othe com mon	eport all transmission, i.e. who orities, qualifying facilities, and column (a) report each compeviate if necessary, but do no smission service provider. Use smission service for the quarte column (b) enter a Statistical - Firm Network Transmission Serice, and OS - Other Transmission, and (d) the eport in column (e), (f) and (g) and charges and in column (f) or charges on bills or vouchers penetry settlement was made, external transmission, external transmission services and the column (f) or charges on bills or vouchers penetry settlement was made, external transmission, i.e. when the column is serviced to the column (f) or charges on bills or vouchers penetry settlement was made, external transmission.	d others for the any or public at truncate name additional color reported. Classification Service, SFP - Station Service, Service	e quarter. authority that he or use acr lumns as ner code based elf, LFP - Lor nort-Term Fir See General att hours rece shown on bi es related to he responde Report in co lumn (h). Pro-	provided transonyms. Explained cessary to reprove on the original on the original of the original of the amount of the amount of the including a polumn (h) the footide a footnotic or the amount of t	ismission serving in a footnote fort all companied contractual to Point-to-Point oint Transmissor definitions of vered by the parendered to the fenergy transary out of periodotal charge shaped in the parendered serving for the parendered to the fenergy transary out of periodotal charge shaped in the fenerge	ice. Provide the eany ownership in the eany ownership in the earny ownership in the earny ownership in the earny ownership in the earny of the transmission Reservations of statistical class rovider of the transmission of the transmission of the earny ownership in the earny o	full name of the interest in or aff norities that proposes of the services of the services of the services, NF - Non-Firrifications.  In column (e) report the explain in a footdered to the res	company, iliation with the vided  ce as follows: F - Other n Transmission  ice. port the total of all mote all pondent. If no
	ding the amount and type of enter "TOTAL" in column (a) as	0,	ice rendered	•				
	notnote entries and provide ex		owing all red	quired data.				
ine				R OF ENERGY		FOR TRANSMISS		
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	NCMPA	OS			28,801			28,801
2	NCEMC	OS			44,338			44,338
3	Energy United	OS			110,281			110,281
4	Carolina Power & Light	NF				2,275,427	13,074	2,288,501
5	Carolina Power & Light	SFP				152,186	11,614	163,800
6	Tennesse Valley Authort	NF				1,734		1,734
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

	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	04/12/2018	End of2017/Q4						
	MISCELLAN	` ′ 🗀	NERAL EXPENSES (Accou	nt 930.2) (ELECTRIC)							
Line			ription		Amount						
No.	Industry Association Dues	(-	a)		(b) 1,153,958						
	Nuclear Power Research Expenses				1,130,930						
2	Other Experimental and General Research Expe	2000			2 552 17						
3	<u> </u>				2,553,172						
4	Pub & Dist Info to Stkhldrsexpn servicing outsta				75,395						
5	Oth Expn >=5,000 show purpose, recipient, amo		11 < \$5,000		-37,225,133						
6	Dues and Subscriptions to various organizations:	· · · · · · · · · · · · · · · · · · ·									
7	Agribusiness Henderson County				500						
8	Alamance County CoC				1,000						
9	Alliance for Transportation Electrification				10,000						
10	American Society of Corporate Executives				2,938						
11	Anderson Area CoC				2,300						
12	Artisphere				1,000						
13	Asheboro Randolph CoC				1,000						
14	Better Business Bureau of Central North Carolina	3			958						
15	Better Business Bureau of Northwest North Caro	lina			800						
16	Cabarrus Regional CoC				2,000						
17	Caldwell County CoC				2,04						
18	Catawba County CoC				5,000						
19	CEB Corporate Leadership Council				24,387						
20	Chapel Hill Carrboro CoC				3,300						
21	Charlotte CoC				50,000						
22	Charlotte Community Affairs Professionals				3,000						
23	Cherokee County CoC (NC)				500						
24	Chester County CoC				1,250						
25	Coal Utilization Research Council				21,066						
26	Downtown Winston-Salem Partnership				500						
27	E4 Carolinas				7,022						
28	Eden CoC				839						
29	Energy Corporate Board of Advisors				17,559						
30	European American CoC				5,000						
31	Franklin Area CoC				500						
32	Gaston Regional CoC				1,452						
33	Greater Durham CoC				9,300						
34	Greater Easley CoC				850						
35	Greater Greer CoC				1,090						
36	Greater Mauldin CoC				500						
37	Greater Oconee CoC				750						
38	Greater Raleigh CoC				48,000						
39	Greater Statesville CoC				1,384						
40	Greater York CoC				520						
41	Greensboro CoC				16,014						
42	Greenville CoC				21,475						
43	Greenwood CoC				986						
44	Guardians of the Green Business Sponsorship				1,000						
45	Henderson County CoC				1,138						
70					7,100						
46	TOTAL				-29,328,24						

	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	04/12/2018	End of2017/Q4						
	MISCELLAN	EOUS GE	NERAL EXPENSES (Accou	nt 930.2) (ELECTRIC)							
Line No.			ription		Amount						
6	Henderson County Partners for Economic Progre	`	a)		(b) 1,200						
7	Hickory Nut Gorge CoC				500						
8	High Point CoC				3,500						
9	Hillsborough/Orange County CoC				2,640						
	Hispanic Chamber of the United States				3,511						
10	Industrial Asset Management Council				576						
11	Jackson CoC				500						
12											
13	Keystone Policy Center				5,267						
14	King CoC				575						
15	Lake Norman CoC				1,200						
16	Lake Wylie CoC				920						
17	Lancaster County Economic Development Corp				2,300						
18	Laurens County Development Corp				10,000						
19	Lenoir-Rhyne University Business Council				1,500						
20	Lincolnton-Lincoln County CoC				672						
21	Manufacturers Association of Florida				1,053						
22	McDowell CoC				660						
23	Montcross Area CoC				1,580						
24	Mooresville-South Iredell CoC				541						
25	Mount Airy CoC				1,010						
26	Municipal Association of South Carolina				1,250						
27	Nature Conservancy				8,778						
28	North Carolina Business Committee for Educatio	n			3,300						
29	North Carolina Museum of Life & Science				1,214						
30	North Carolina Zoo Society				3,000						
31	Palmetto Business Council				2,125						
32	Reidsville CoC				585						
33	Ripon Society				9,085						
34	Rotary Club of Greenwood				535						
35	Rutherford CoC				750						
36	Simpsonville Area CoC				660						
37	Smoky Mountain Host of NC				1,000						
38	South Carolina Association of Counties				1,750						
39	South Carolina CoC				12,400						
40	South Carolina Manufacturers Alliance				2,920						
41	Spartanburg Area CoC				7,727						
42	Spartanburg County Municipal Association				500						
43	Union County CoC				1,470						
44	Upstate Employers Network				1,818						
45	U. S. Nuclear Infrastructure Council				2,107						
46	TOTAL				-29,328,249						

	of Respondent	This Rep	ort Is: An Original	Date of Report (Mo, Da, Yr)		ear/Period of Report
Duke	Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	E	nd of <u>2017/Q4</u>
	MISCELLAN	IEOUS GE	NERAL EXPENSES (Accou	nt 930.2) (ELECTRIC)		
Line No.		Desc	ription a)			Amount (b)
6	VisitGreenvilleSC		ω)			1,250
7	Wilkes CoC					1,828
8	Winston-Salem CoC					11,465
9	World 50 Inc					20,035
10	York County Regional CoC					3,400
11	York Rotary Club					640
12	Chamber of Commerce (14)					4,325
13	Miscellaneous					3,841
14						
15	Transferred Employee Homes					1,870,121
16						
17	Leased Circuit Charges					6,054
18						
19	Director's Fees and Expenses					1,819,803
20						
21						
22						
23						
24						
25						
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27						
28						
29						
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31						
32						
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45						
40	TOTAL					20,000,040
46	TOTAL					-29,328,249

	e of Respondent e Energy Carolinas, LLC	This Report Is: (1) X An Origin		Date of Report (Mo, Da, Yr)	Year/Perio End of	od of Report 2017/Q4					
Duk		(2) A Resub		04/12/2018	_	<u> </u>					
		(Except amortization	of aquisition adjustr								
	Report in section A for the year the amounts rement Costs (Account 403.1; (d) Amortizati										
	nt (Account 405).	on or cirriled-Term	II Electric Flam (At	count 404), and (e)	Amortization of	Office Electric					
2. F	Report in Section 8 the rates used to comput					ne basis used to					
	pute charges and whether any changes have										
	Report all available information called for in Solumns (c) through (g) from the complete rep			vith report year 1971	, reporting annua	ally only changes					
	ess composite depreciation accounting for to			numerically in colum	n (a) each plant	subaccount,					
	ccount or functional classification, as appropriate, to which a rate is applied. Identify at the bottom of Section C the type of plant										
	uded in any sub-account used.										
	blumn (b) report all depreciable plant balance posite total. Indicate at the bottom of section										
	hod of averaging used.		WINCH COMMITTED	ances are obtained.	ii average balan	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 and posite depreciation accounting is used, repo										
	f provisions for depreciation were made duri										
	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)	(5)	52,622,957	(0)	52,622,957					
	Steam Production Plant	266,090,728				266,090,728					
3	Nuclear Production Plant	224,364,025				224,364,025					
-	Hydraulic Production Plant-Conventional	18,229,686				18,229,686					
-	Hydraulic Production Plant-Pumped Storage	20,642,769				20,642,769					
-	Other Production Plant	76,626,728				76,626,728					
-	Transmission Plant	73,707,356				73,707,356					
	Distribution Plant										
		245,873,664				245,873,664					
	Regional Transmission and Market Operation			40= 000							
	General Plant	58,834,371		127,339		58,961,710					
	Common Plant-Electric										
12	TOTAL	984,369,327		52,750,296		1,037,119,623					
		B. Basis for Am	ortization Charges								
	ted term electric depreciable plant base is \$403,5										
	ortized assets which have been fully amortized but ortized over the remaining life of the license.	t not yet retired. Intar	ngible plant is amorti	zed over 5 years. The	generating plant re	clicensing is					
"""	with the formal ling line of the hoerise.										

Name of Respondent			This Report Is: (1) X An Original	I (Ma Da Vr)		eriod of Report 2017/Q4		
Duke	e Energy Carolinas, LLC		(2) A Resubmis	ssion	04/12/2018	,	End of	
	DEPRE	CIATIO	N AND AMORTIZAT	ION OF ELEC	TRIC PLANT (Co	ntinued)	• 	
	C. Factors Used in	Estimat	ting Depreciation Cha	arges				
Line No.	Account No. Depreciable Plant Base (In Thousand (a) (b)	,	Estimated Avg. Service Life (c)	Net Salvage (Percent) (d)	Applied Depr. rates (Percent) (e)	C <sub>I</sub>	rtality urve ype (f)	Average Remaining Life (g)
12	Steam:		(0)	(u)	(0)		(.)	(9)
13	Land Rights	2,022						
14	Other 6,66	33,927						
15	Subtotal: 6,66	55,949						
16								
17	Nuclear							
18	Land Rights	957						
19	Other 8,33	33,757						
20	Subtotal: 8,33	34,714						
21								
22	Hydro:							
23	Land Rights	23,590						
24	Other 2,10	06,881						
25	Subtotal: 2,13	30,471						
26								
	Other Production:							
		53,292						
		77,358						
	Subtotal: 2,53	30,650						
31								
	Transmission:							
	_	62,659						
		60,740						
	Subtotal: 3,82	23,399						
36								
	Distribution:							
	Land Rights	9,376						
		32,035						
	Subtotal: 11,29	91,411						
41								
	General:	20.040						
		33,042						
		34,540						
		17,582						
46	Total 35,79	94,176						
48								
48								
50								
50								
	<u> </u>					I .		

Name	e of Respondent	This F (1)	Report Is:	Date of Report (Mo, Da, Yr)		Period of Report
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End o	f 2017/Q4
	R	EGULA	TORY COMMISSION EXI	PENSES	ļ	
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	which 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	.10	6,607,320		6,607,320	
3	Coal Ash Management Commission Fee per N Senate Bill 729	NC				
5	Docket E-7, Sub 989			247,000	247,000	995,666
6	Docket E-7, Sub 1029			210,000		896,372
7	Docket M-100, Sub 142			-1,003,730		1,620,363
8						
9						
	Public Service Commission of South Carolina:		0.400.000		0.400.000	
11 12	SC PSC Fees  Docket 2009-226-E		2,488,226	10,133	2,488,226 10,133	180,904
13	Docket 2009-220-E  Docket 2011-271-E			15,945		
14	Docket 2003-59-E			5,000	5,000	663,331
15	Docket 2015-362-E			.,	7,111	,
16						
17						
	Federal Energy Regulatory Commission:					
19	Annual FERC Billing		2,795,583		2,795,583	
20 21						
22						
23						
24						
25						
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27						
28 29						
30						
31						
32						
33						
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36 37						
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40						
41						
42						
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44						
45						
46	TOTAL		11,891,129	-515,652	11,375,477	4,743,789

Name of Responde Duke Energy Caro		(1)	Report Is: An Original		Date of Report (Mo, Da, Yr)	Year/Period of Report End of 2017/Q4	
		(2)	A Resubmission RY COMMISSION EXF	PENSES (Co	04/12/2018		
3 Show in colun	nn (k) anv eynensi				List in column (a) the	neriod of amortization	n
					rrently to income, plan		
	ess than \$25,000)	•	3,44	<b>J</b> • • • • • • • • • • • • • • • • • • •		,	
EXP	ENSES INCURRED	DURING YEAR			AMORTIZED DURING	YEAR	
CUR	RENTLY CHARGE	D TO	Deferred to	Contra	Amount	Deferred in Account 182.3	Line
Department	Account No.	Amount	Account 182.3	Account	(14)	End of Year	No.
(f)	(g)	(h)	(i)	(j)	(k)	(I)	1
Electric	928	6,607,320					2
							3
Electric	928						4
Electric	182				247,00		
Electric	182				210,00		
Electric	928	-1,003,730	1,003,730			2,624,093	8 8
							9
							10
Electric	928	2,488,226					11
Electric	182				10,13		
Electric	182				15,94		
Electric	186				5,00	658,331	
Electric	928						15
							16
							17
		2,795,583					18 19
		2,795,565					20
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	+						37
							38
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							40
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							43
							44 45
							45
		10,887,399	1,003,730		488,07	8 5,259,441	46
I FERC FORM NO. 1	(ED. 12-96)	.,,	Page 351		133,0	3,200,141	1 .5

Name	e of Respondent	This (1)	Report	ls: Original	Date of Report (Mo, Da, Yr)	Year/Period of Report
Duke	Energy Carolinas, LLC	(2)		Resubmission	04/12/2018	End of2017/Q4
	RESEAR	CH, D	EVELO	PMENT, AND DEMONS	TRATION ACTIVITIES	1
D) pro recipi others	escribe and show below costs incurred and account object 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	rear. F rk carri emons	Report a ied with tration i	also support given to othe others, show separately n Uniform System of Acc	rs during the year for jointly the respondent's cost for th	y-sponsored projects (Identify
A. El (1) (2 a. i. ii b. c. d.	ifications: ectric R, D & D Performed Internally: Generation hydroelectric Recreation fish and wildlife Other hydroelectric Fossil-fuel steam Internal combustion or gas turbine Nuclear Unconventional generation	(4) (5) (6) (7) B. E	b. U Distribu Region Enviror Other ( Total C	al Transmission and Marl nment (other than equipm Classify and include item ost Incurred R, D & D Performed Exte	ent) s in excess of \$50,000.)	Electric
f. \$	Siting and heat rejection			Research Institute		
(2) T Line	ransmission  Classification				Description	
No.	(a)				(b)	
1	A. Electric R, D & D Performed Internally:				(-)	
2	(3) Distribution:			Research & Developme	nt Administration Costs	
3						
4						
	(6) Other:			Others (less than \$50K	each)	
6	(7) Total Coat Incurred					
7 8	(7) Total Cost Incurred					
9						
	B. Electric R,D & D Performed Externally:					
12	Electric Power Research Institute			Electric Power Research	h Institute Memberships	
13				EPRI Nuclear Co-Funds	3	
14				EPRI DNP Support		
15				Others (less than \$50K	each)	
16	(4) Research Support to Others					
17				Alternative Energy (Adv		
18					ncement through Technolog	gical Innovation
19				Clemson University		
20				Georgia Tech Research	<u> </u>	
21				University of North Caro	olina	
23						
24						
25	(5) Total Cost Incurred					
26						
27						
28						
29						
30						
31						
32						
33						
35						
36						
37						
38						

Name of Respondent		This F	Report Is:		Date of Report	Year/Period of Rep	
Duke Energy Carolinas, L		(2)	An Original A Resubmission		(Mo, Da, Yr) 04/12/2018	End of2017/0	<u>Q4</u>
		VELOF	PMENT, AND DEMONS	STRATIO	N ACTIVITIES (Continued	d)	
	Nuclear Power Groups						
Group items under \$50,00 D activity. 4. Show in column (e) the	00 by classifications and indicate account number charged wit	ate the	number of items groupenses during the year or	ed. Under the acco	er Other, (A (6) and B (4)) of the ount to which amounts were	classify items by type of e capitalized during the y	R, D &
<ol><li>Show in column (g) the Development, and Demon</li></ol>	truction Work in Progress, firs total unamortized accumulat astration Expenditures, Outsta	ing of o	osts of projects. This to	otal must	t equal the balance in Acco	ount 188, Research,	
"Est."	segregated for R, D &D activi arch and related testing facilit				olumns (c), (d), and (f) with	such amounts identified	by
		Ι				Unamortized	
Costs Incurred Internally Current Year	Costs Incurred Externally Current Year		AMOUNTS CHARG	JED IN (		Accumulation	Line
Current Year (c)	(d)		Account (e)		Amount (f)	(g)	No.
133,468			930.7		133,468		2
.00, .00					100,100		3
							4
							5
							6
133,468					133,468		7
							8
							9
							10
	7 455 750		Madaua		7 455 750		11
	7,455,753		Various		7,455,753		12
	1,560,331 104.455		Various 524		1,560,331 104,455		13
	23,398		Various		23,398		15
	25,550		various		20,000		16
	1,997,959		930.8		1,997,959		17
	99,500		930.7		99,500		18
	80,000		930.7		80,000		19
	160,000		930.7		160,000		20
	82,245		930.7		82,245		21
							22
							23
							24
	11,563,641				11,563,641		25
							26
							27
							28 29
							30
							31
							32
							33
							34
							35
							36
							37
							38
				1			

	e of Respondent Energy Carolinas, LLC	This Report Is: (1) X An Orio (2) A Resu	ginal ubmission		of Report Da, Yr) /2018	Year/Period of Report End of2017/Q4
Repo	rt below the distribution of total salaries and		OF SALARIES AND ear. Segregate am		ginally charged to	clearing accounts to
Jtility rovi	Departments, Construction, Plant Removals ded. In determining this segregation of salar substantially correct results may be used.	s, and Other Aco	counts, and enter s	uch amou	ints in the appropi	riate lines and columns
ine No.	Classification		Direct Payr Distributio	roll n	Allocation of Payroll charged fo Clearing Account (c)	or Total
4	(a)		(b)		(c)	(d)
1 2	Electric					
	Operation Production		339	2,020,353		
4	Transmission			4,885,959		
_	Regional Market		•	1,000,000		
6	Distribution		35	5,227,597		
7	Customer Accounts			0,292,218		
8	Customer Service and Informational			3,171,252		
9	Sales			7,936,976		
10	Administrative and General			3,003,559		
11	TOTAL Operation (Enter Total of lines 3 thru 10)			1,537,914		
12	Maintenance					
13	Production		232	2,907,543		
14	Transmission			3,094,535		
15	Regional Market					
16	Distribution		38	3,128,893		
17	Administrative and General			589,446		
18	TOTAL Maintenance (Total of lines 13 thru 17)		279	9,720,417		
19	Total Operation and Maintenance					
20	Production (Enter Total of lines 3 and 13)		564	4,927,896		
21	Transmission (Enter Total of lines 4 and 14)		22	2,980,494		
22	Regional Market (Enter Total of Lines 5 and 15)					
23	Distribution (Enter Total of lines 6 and 16)		73	3,356,490		
24	Customer Accounts (Transcribe from line 7)		30	0,292,218		
25	Customer Service and Informational (Transcribe	from line 8)	3	3,171,252		
26	Sales (Transcribe from line 9)			7,936,976		
27	Administrative and General (Enter Total of lines	10 and 17)	133	3,593,005		
28	TOTAL Oper. and Maint. (Total of lines 20 thru 2	7)	84	1,258,331	5,761,	902 847,020,233
29	Gas					
30	Operation					
31	Production-Manufactured Gas					
32	Production-Nat. Gas (Including Expl. and Dev.)					
	Other Gas Supply					
	Storage, LNG Terminaling and Processing					
	Transmission					
	Distribution					
37	Customer Accounts					
	Customer Service and Informational					
39	Sales					
	Administrative and General					
_	TOTAL Operation (Enter Total of lines 31 thru 40	)				
	Maintenance					
	Production-Manufactured Gas	al Davidson C				
	Production-Natural Gas (Including Exploration ar	iu Development)				
	Other Gas Supply					
_	Storage, LNG Terminaling and Processing					
47	Transmission					

	e of Respondent Energy Carolinas, LLC		An Original		(Mo, E	of Report Da, Yr)		r/Period of Report of 2017/Q4
Dune		I ' '	A Resubmission		04/12/			
	DIST	RIBUTION	OF SALARIES A	AND WAGES	S (Continu	ued)		
		-						
Line	Classification			Direct Payro	oll	Allocation	of d for	Total
No.	(0)			Distribution (b)	,	Allocation of Payroll charge Clearing According	unts	(d)
48	(a) Distribution			(b)		(c)		(u)
49	Administrative and General							
50	TOTAL Maint. (Enter Total of lines 43 thru 49)							
51	Total Operation and Maintenance							
52	Production-Manufactured Gas (Enter Total of line	es 31 and 4	13)					
53	Production-Natural Gas (Including Expl. and Dev		es 32,					
54	Other Gas Supply (Enter Total of lines 33 and 45							
55	Storage, LNG Terminaling and Processing (Total	l of lines 31	thru					
56	Transmission (Lines 35 and 47)							
57	Distribution (Lines 36 and 48)							
58 59	Customer Accounts (Line 37)  Customer Service and Informational (Line 38)							
60	Sales (Line 39)							
61	Administrative and General (Lines 40 and 49)							
62	TOTAL Operation and Maint. (Total of lines 52 th	nru 61)						
63	Other Utility Departments							
64	Operation and Maintenance							
65	TOTAL All Utility Dept. (Total of lines 28, 62, and	d 64)		841	,258,331	5,7	61,902	847,020,233
66	Utility Plant							
67	Construction (By Utility Departments)							
68	Electric Plant			215	,530,608	20,3	29,989	235,860,597
69	Gas Plant							
70 71	Other (provide details in footnote):  TOTAL Construction (Total of lines 68 thru 70)			215	.530,608	20.3	29,989	235,860,597
72	Plant Removal (By Utility Departments)			213	,550,000	20,3	29,909	233,000,397
73	Electric Plant			28.	,079,276			28,079,276
74	Gas Plant				, ,			-,,
75	Other (provide details in footnote):							
76	TOTAL Plant Removal (Total of lines 73 thru 75)			28	,079,276			28,079,276
77	Other Accounts (Specify, provide details in footn	ote):						
78	Non-Regulated Products & Services				,179,290			4,179,290
79	Other Work in Progress				,568,547			8,568,547
80	Other Accounts			3	,143,163			3,143,163
81 82								
83								
84								
85								
86								
87								
88								
89								
90								
91								
92 93			-					
93			<u> </u>					
95	TOTAL Other Accounts			15.	,891,000			15,891,000
96	TOTAL SALARIES AND WAGES				,759,215	26,0	91,891	1,126,851,106
				<u> </u>		<u> </u>		

Name of Respondent	This Rep		Date of Report (Mo, Da, Yr)	Year/Peri	od of Report
Duke Energy Carolinas, LLC	(1) <b>X</b> (2) $\square$	An Original A Resubmission	04/12/2018	End of _	2017/Q4
	COMMON	UTILITY PLANT AND EXF	PENSES		
<ol> <li>Describe the property carried in the utility's accounts accounts as provided by Plant Instruction 13, Common the respective departments using the common utility pl 2. Furnish the accumulated provisions for depreciation provisions, and amounts allocated to utility department explanation of basis of allocation and factors used.</li> <li>Give for the year the expenses of operation, mainte provided by the Uniform System of Accounts. Show the expenses are related. Explain the basis of allocation u 4. Give date of approval by the Commission for use of authorization.</li> </ol>	Utility Plant, ant and explant and amortizes using the Conance, rents e allocation asset and give	, of the Uniform System of a ain the basis of allocation used to a tend of year, showing the common utility plant to which, depreciation, and amortized such expenses to the dependent of allocation.	Accounts. Also show the a used, giving the allocation fang the amounts and classiful such accumulated provision for common utility plan partments using the common	llocation of such actors. ications of such a sions relate, inclu- nt classified by a on utility plant to	plant costs to accumulated ding accounts as which such

	e of Respondent Energy Carolinas, LLC	This Report Is: (1) X An Original (2) A Resubmission	Date of (Mo, Date of 04/12/2	a, Yr) End o	Period of Report of 2017/Q4	
	AM	OUNTS INCLUDED IN IS	O/RTO SETTLEMENT S	TATEMENTS		
Resa for pu wheth	e respondent shall report below the details called le, for items shown on ISO/RTO Settlement State irposes of determining whether an entity is a net sher a net purchase or sale has occurred. In each it rately reported in Account 447, Sales for Resale, or	ments. Transactions shou seller or purchaser in a giv monthly reporting period, t	old be separately netted for yen hour. Net megawatt ho he hourly sale and purcha	or each ISO/RTO administ ours are to be used as the	ered energy market basis for determining	
Line	Description of Item(s)	Balance at End of	Balance at End of	Balance at End of	Balance at End of	
No.		Quarter 1	Quarter 2	Quarter 3	Year	
1	(a) Energy	(b)	(c)	(d)	(e)	
2	Net Purchases (Account 555)	2,573,885	3,520,912	7,593,991	14,224,030	
3	Net Sales (Account 447)	723,861	1,091,399	1,174,453		
	Transmission Rights					
-	Ancillary Services					
	Other Items (list separately)					
7 8						
9						
10						
11						
12						
13						
14						
15						
16 17						
18						
19						
20						
21						
22						
23						
24 25						
26						
27						
28						
29						
30						
31						
32						
33						
35						
36						
37						
38						
39						
40						
41					<del>                                     </del>	
42						
43						
45						
46	TOTAL	3 207 746	4 612 311	8 768 444	15 407 287	

Nar	ne of Respondent		is Re	port Is:		Date of Report	Year/Pe	eriod of Report
Dul	ke Energy Carolinas, LLC	(1)		An Original A Resubmis	sion	(Mo, Da, Yr) 04/12/2018	End of	2017/Q4
		PURCHA	SES	AND SALES	OF ANCILLARY	SERVICES	<b>!</b>	
	port the amounts for each type of ar pondents Open Access Transmission	•	shov	vn in columr	n (a) for the year	as specified in Ord	ler No. 888 and	d defined in the
In c	columns for usage, report usage-rela	ated billing dete	ermir	nant and the	unit of measure			
(1)	On line 1 columns (b), (c), (d), (e), (	(f) and (g) repo	rt the	e amount of	ancillary service	s purchased and so	old during the y	/ear.
	On line 2 columns (b) (c), (d), (e), (fing the year.	f), and (g) repo	rt the	amount of	reactive supply	and voltage control	services purch	nased and sold
	On line 3 columns (b) (c), (d), (e), (ting the year.	f), and (g) repo	rt the	e amount of	regulation and f	equency response	services purch	nased and sold
(4)	On line 4 columns (b), (c), (d), (e), (	(f), and (g) repo	ort the	e amount of	energy imbalan	ce services purcha	sed and sold d	uring the year.
	On lines 5 and 6, columns (b), (c), (chased and sold during the period.	(d), (e), (f), and	(g) r	eport the ar	nount of operation	ng reserve spinning	and suppleme	ent services
(6)	On line 7 columns (b), (c), (d), (e), (	(f) and (a) reno	ort the	e total amou	int of all other tv	nes ancillary servic	es nurchased	or sold during
	year. Include in a footnote and spe						es purchaseu	or sold during
	I	T .						
				urchased for t			ount Sold for the	
		Usage	e - Re	elated Billing [	Determinant I	Usage -	Related Billing	Determinant
Line	Type of Ancillary Service	Number of Un	its	Unit of Measure	Dollars	Number of Units	Unit of Measure	Dollars
No.	(a)	(b)		(c)	(d)	(e)	(f)	(g)
1	Scheduling, System Control and Dispatch				179,9	29		1,830,528
2	Reactive Supply and Voltage	97	,560 N	MWH	170,6	7,635,468	MWH	7,082,087
3	Regulation and Frequency Response							520,965
4	Energy Imbalance	13,463	,399 N	MWH	1,606,6	71 13,505,044	MWH	138,565
5	Operating Reserve - Spinning							1,369,973
6	Operating Reserve - Supplement							1,369,973
7	Other	582	,268 N	MWH	1,548,3	54 37,900	MWH	206,583
8	Total (Lines 1 thru 7)	14,143	,227		3,505,6	21,178,412		12,518,674

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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

## Schedule Page: 398 Line No.: 1 Column: g

\$439,648 is based on upon \$/MWH and \$7,635,468 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

\$2,683,047 is based upon \$/MWH and \$7,635,468 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 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, and 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	e of Responder	nt			This Report Is		Date of	f Report	Year/Period o	f Report
Duk	e Energy Caroli	nas, LLC			(1) X An C (2) A Re	riginal submission	(Mo, D 04/12/2		End of 2	2017/Q4
				М			STEM PEAK LOAD			
integ (2) F (3) F (4) F	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 transmine specified by month	each noi ssion sy d inform	n-integrated syst stem's peak load ation for each m	tem. d. onthly transmiss	ondent has two or m 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	21,819	9	9	13,849	4,346	2,324		1,300	
2	February	18,479	10	8	12,040	3,469	2,346		624	
3	March	20,275	16	8	12,821	3,927	2,346		1,181	
4	Total for Quarter 1				38,710	11,742	7,016		3,105	
5	April	17,333	29	17	11,491	3,355	2,333		154	
6	May	19,348	19	16	13,103	3,622	2,346		277	
7	June	20,734	15	16	13,931	4,054	2,094		655	
8	Total for Quarter 2				38,525	11,031	6,773		1,086	
9	July	22,305	12	17	15,014	4,540	2,146		605	
10	August	22,493	17	16	15,485	4,557	2,146		305	
11	September	20,189	27	17	13,809	3,929	2,146		305	
12	Total for Quarter 3				44,308	13,026	6,438		1,215	
13	October	19,606	11	17	13,217	3,784	2,146		459	
14	November	17,583	20	8	12,126	3,325	2,132			
15	December	19,532	13	8	12,966	3,804	2,146		616	
16	Total for Quarter 4				38,309	10,913	6,424		1,075	
17	Total Year to Date/Year				159,852	46,712	26,651		6,481	

Nam	e of Responder	nt			This Report I	S: Original		Date o	of Report	Year/Period of	
Duk	e Energy Caroli	nas, LLC				Original esubmission		(IVIO, L 04/12/	0a, Yr) /2018	End of	2017/Q4
				MONTI		TRANSMISSION	SYSTE	M PEAK I	LOAD	<u> </u>	
integ (2) F (3) F (4) F Colu (5) A	rated, furnish the eport on Colum eport on Colum eport on Colum mn (g) are to be mounts reporte	ne required inform in (b) by month the in (c) and (d) the ins (e) through (i) e excluded from the id in Column (j) for	nation for ne transmi specified by month hose amo	each non ssion sys information the syst unts repo	integrated system's peak load on for each modem's transmiss orted in Column	stem. ad. onthly transmission sion usage by cla ns (e) and (f).	on - syste	em peak lo	oad reported on	stems which are n Column (b). Through and Out S	
NAM	E OF SYSTEM	: 		ı		Ţ					
Line No.	Month	Monthly Peak MW - Total	Day of Monthly Peak	Hour of Monthly Peak	Imports into ISO/RTO	Exports from ISO/RTO	Throug Out S	gh and ervice	Network Service Usage	Point-to-Point Service Usage	Total Usage
	(a)	(b)	(c)	(d)	(e)	(f)	(9	g)	(h)	(i)	(j)
	January										
	February										
3	March										
	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										

IName	e of Respondent	This Report Is: (1) X An Origina	ıl		Date of Report (Mo, Da, Yr)		ear/Period of Report
Duke	Energy Carolinas, LLC	(2) A Resubm			04/12/2018	Er	nd of2017/Q4
		ELECTRIC EN	NERG	Y ACCOUN	İT		
Re	port below the information called for concerni	ng the disposition of electr	ic ene	rgy generat	ted, purchased, exchanged	and wh	heeled during the year.
Line	Item	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 U	ltimate Consumers (Includir	ng	77,435,296
3	Steam	25,693,083		Interdepart	tmental Sales)		
4	Nuclear	44,387,028	23	Requireme	ents Sales for Resale (See		8,052,479
5	Hydro-Conventional	1,517,922		instruction	4, page 311.)		
6	Hydro-Pumped Storage	3,397,841			rements Sales for Resale (	See	1,818,789
7	Other	10,970,939			4, page 311.)		
8	Less Energy for Pumping	4,265,898			rnished Without Charge		
9	Net Generation (Enter Total of lines 3	81,700,915	l		ed by the Company (Electri	С	158,616
	through 8)				Excluding Station Use)		
	Purchases	9,478,719		Total Energ			4,463,282
	Power Exchanges:				nter Total of Lines 22 Throu	gh	91,928,462
	Received	8,108,954		27) (MUST	EQUAL LINE 20)		
13	Delivered	7,462,847					
14	Net Exchanges (Line 12 minus line 13)	646,107					
15	Transmission For Other (Wheeling)						
16	Received	34,597,442					
17	Delivered	34,494,721					
	Net Transmission for Other (Line 16 minus line 17)	102,721					
19	Transmission By Others Losses						
20	TOTAL (Enter Total of lines 9, 10, 14, 18 and 19)	91,928,462					

	e of Respondent		This Report Is: (1) XAn Original		Date of Report (Mo, Da, Yr)		Year/Period of Report	
Duk	e Energy Carolina	as, LLC	(2) A Resubmission		04/12/2018	End of	2017/Q4	
			MONTHLY PEAKS AN	D OUTPUT				
nfor 2. Re 3. Re 4. Re	mation for each n eport in column (t eport in column (c eport in column (c	peak load and energy output. If ion- integrated system.  b) by month the system's output if b) by month the non-requirement d) by month the system's monthly and (f) the specified information	in Megawatt hours for each mo s sales for resale. Include in th y maximum megawatt load (60	onth. ne monthly and minute inte	mounts any energy gration) associated	y losses associated		
NAM	IE OF SYSTEM:							
Line			Monthly Non-Requirments Sales for Resale &		MC	NTHLY PEAK		
No.	Month	Total Monthly Energy	Associated Losses	Megawatts	(See Instr. 4)	Day of Month	Hour	
	(a)	(b)	(c)		(d)	(e)	(f)	
29	January	7,834,913	115,259		16,743	9	900	
30	February	6,445,260	48,887		14,118	10	800	
31	March	7,551,125	389,667		15,524	16	800	
32	April	6,921,299	359,803		12,661	29	1700	
33	May	7,460,935	177,223		14,626	17	1600	
34	June	8,122,986	128,801		16,078	15	1600	
35	July	9,219,474	92,182		17,342	20	1700	
36	August	8,842,111	139,217		17,422	17	1500	
37	September	7,420,592	116,582		15,441	27	1600	
38	October	7,100,928	97,733		15,027	11	1600	
39	November	6,977,360	45,821		13,408	20	800	
40	December	8,031,479	107,614		15,088	13	800	
	TOTAL	91,928,462	1,818,789					

Name	e of Respondent	This Report Is	: riginal		Date of Report		Year/Period of	of Report
Duke	Energy Carolinas, LLC	(1) X An C (2)	submission		(Mo, Da, Yr) 04/12/2018		End of 2	017/Q4
	CTEAM EL	` '		NIT OTATIO		.4-)		
					STICS (Large Plar			
this p as a j more therm per ui	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 qualit 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 eense accoun	lear plants. vhich is ava es assignab ed to Mct.	<ol> <li>Indicate by a ilable, specifying le to each plant.</li> <li>Quantities of</li> </ol>	a footnote a period. 5. 6. If gas is fuel burned	ny plant leased If any employ s used and pur (Line 38) and	d or operated ees attend chased on a average cost
Line	Item		Plant			Plant		
No.			Name: Belev	vs Creek		Name: Ma	arshall	
	(a)			(b)			(c)	
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear				Steam			Steam
2	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)				2250			2066
	Plant Hours Connected to Load				7022			8596
	Net Continuous Plant Capability (Megawatts)				2220			2079
10	When Not Limited by Condenser Water When Limited by Condenser Water				2220			2078 2058
	Average Number of Employees				180			194
	Net Generation, Exclusive of Plant Use - KWh				9608222000			9224649000
	Cost of Plant: Land and Land Rights				21851141			5829127
14	Structures and Improvements				297642853			83536992
15	Equipment Costs				1753575968			
16	Asset Retirement Costs				210058922			
17	Total Cost				2283128884			1784161786
18	Cost per KW of Installed Capacity (line 17/5) Inclu	uding			916.4776			841.9829
19	Production Expenses: Oper, Supv, & Engr				3899739			4364772
20	Fuel				271578920			276206861
21	Coolants and Water (Nuclear Plants Only)				0			0
22	Steam Expenses				17385445			16064347
23	Steam From Other Sources				0			0
24	Steam Transferred (Cr)				22			18
25	Electric Expenses				1366824			2278529
26	Misc Steam (or Nuclear) Power Expenses				6145676			4681930
27	Rents				0			0
28	Allowances				2452			2303
29	Maintenance Supervision and Engineering				4214764			3500405
30	Maintenance of Structures				4860185			4657275
31 32	Maintenance of Boiler (or reactor) Plant  Maintenance of Electric Plant				17651580 8883829			13807262 13217205
33	Maintenance of Misc Steam (or Nuclear) Plant				1798336			1718819
34	Total Production Expenses				337787772			340499726
35	Expenses per Net KWh				0.0352			0.0369
	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	•				3517945	32005	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nucl	ear)	12456 137881 0		0	12422	137686	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		73.050 75.280 0.000		74.480	70.940	0.000	
41	Average Cost of Fuel per Unit Burned		<b>75.230 74.562 0.000</b>		76.750	70.185	0.000	
42	Average Cost of Fuel Burned per Million BTU		3.020	12.875	0.000	3.089	12.137	0.000
43	<u> </u>		0.028	0.028	0.000	0.030	0.030	0.000
44	Average BTU per KWh Net Generation		9167.000	9167.000	0.000	9495.000	9495.000	0.000

Name	e of Respondent	This Report Is	): Vriginal		Date of Report		Year/Period	of Report	
Duke	Energy Carolinas, LLC	(1)   X An C (2)   A Re	riginal submission		(Mo, Da, Yr) 04/12/2018		End of	2017/Q4	
	STEAM-ELECTRIC	GENERATING	PLANT STAT	ISTICS (I	arge 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 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 instance, and nucle, give data ver of employed urned convertions account	alled capa lear plants which is av es assignal ed to Mct.	city (name plate rate). 3. Indicate by a callable, specifying ple to each plant. 7. Quantities of	ting) of 25 a footnote period. 6. If gas fuel burne	e any plant lease 5. If any employ s is used and pu ed (Line 38) and	d or operated yees attend rchased on a average cost	
lueris	burned in a plant furnish only the composite heat	rate for all fuels	s burnea.						
Line	Item		Plant			Plant			
No.	(-)		Name: Dan			Name:	Dan River		
	(a)			(b)			(c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear				Steam		Coml	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	
5	Total Installed Cap (Max Gen Name Plate Ratings	s-MW)			0.00			0.00	
6	Net Peak Demand on Plant - MW (60 minutes)				0			0	
	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	
	Average Number of Employees				0			0	
-	Net Generation, Exclusive of Plant Use - KWh		0						
14	Cost of Plant: Land and Land Rights Structures and Improvements				0			0	
15	Equipment Costs				0			0	
16	Asset Retirement Costs		0					0	
17	Total Cost				0			0	
18	Cost per KW of Installed Capacity (line 17/5) Inclu	uding			0			0	
19	Production Expenses: Oper, Supv, & Engr	-			1849	0			
20	Fuel		301259					0	
21	Coolants and Water (Nuclear Plants Only)				0			0	
22	Steam Expenses				60155			0	
23	Steam From Other Sources				0			0	
24	Steam Transferred (Cr)				0			0	
25	Electric Expenses				0			418	
26	Misc Steam (or Nuclear) Power Expenses				702227			0	
27	Rents				0	<b>-</b>		0	
28 29	Allowances  Maintenance Supervision and Engineering				0 15218			0	
30	Maintenance of Structures				-8924453			0	
31	Maintenance of Boiler (or reactor) Plant				0			0	
32	Maintenance of Electric Plant				210			0	
33	Maintenance of Misc Steam (or Nuclear) Plant				41049			0	
34	Total Production Expenses				-7802486			418	
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 Heat Cont - Fuel Burned (btu/indicate if nucle		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	i:		Date of Report		Year/Period	ar/Period of Report				
Duke	Energy Carolinas, LLC	(1) ဩAn O (2) ☐A Re	submission		(Mo, Da, Yr) 04/12/2018		End of	2017/Q4				
	STEAM-ELECTRIC	GENERATING	PI ANT STAT	ISTICS (Lar	ge Plants) (Con	ntinued)						
this p as a j more therm per ui	eport data for plant in Service only. 2. Large plan 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 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 m s is not availabl average numbe uantity of fuel bu n charges to exp	ants with instance, and nucle, give data were of employee urned converteense account	alled capacit ear plants. hich is avail s assignable ed to Mct.	y (name plate ra 3. Indicate by a able, specifying pate 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 s used and pur (Line 38) and	d or operated vees attend chased on a average cost				
Line	Item		Plant			Plant						
No.	(a)		Name: Buck	(b)		Name: Bu	i <mark>ck</mark> (c)					
	(ω)			(5)			(0)					
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear				Steam		Comb	oustion Turbine				
	Type of Constr (Conventional, Outdoor, Boiler, etc.	c)			Conventional			Conventional				
	Year Originally Constructed				1953			1970				
4	Year Last Unit was Installed	- NANA/)			1953			1970				
	Total Installed Cap (Max Gen Name Plate Ratings Net Peak Demand on Plant - MW (60 minutes)	S-IVIVV)			0.00			0.00				
	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									
14	Structures and Improvements				0			0				
	Equipment Costs				0			0				
16	Asset Retirement Costs		0					0				
17	Total Cost	ıdina			0			0				
	Cost per KW of Installed Capacity (line 17/5) Inclu Production Expenses: Oper, Supv, & Engr	ading			1203		702528					
20	Fuel				13660			0				
21	Coolants and Water (Nuclear Plants Only)				0			0				
22	Steam Expenses				195			0				
23	Steam From Other Sources				0			0				
24	Steam Transferred (Cr)				0			0				
25	Electric Expenses				0			980				
26	Misc Steam (or Nuclear) Power Expenses				24115			0				
27	Rents				0			0				
28	Allowances				0			0				
29	Maintenance Supervision and Engineering				430393			321				
30 31	Maintenance of Structures  Maintenance of Boiler (or reactor) Plant				120755 0			0				
32	Maintenance of Electric Plant				1616			9900				
33	Maintenance of Misc Steam (or Nuclear) Plant				5930			0				
34	Total Production Expenses				597867			713729				
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 Heat Cont - Fuel Burned (btu/indicate if nucle		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 PTLL per KWh Net Constation		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						f Report	
Duke	e Energy Carolinas, LLC	(1) X An C (2)	submission		(Mo, Da, Yr) 04/12/2018	I	End of 2	017/Q4
	STEAM-ELECTRIC	GENERATING	PI ANT STAT	ISTICS (Lar	ge 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 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 s is not availabl average numbe uantity of fuel bu n charges to exp	ants with instance, and nucle, give data were of employee urned converteense account	alled capacit ear plants. hich is avail s assignable ed to Mct.	y (name plate ra 3. Indicate by a able, specifying to each plant. 7. Quantities of	ting) of 25,00 tootnote any period. 5. I 6. If gas is t fuel burned (I	y plant leased f any employoused and puro Line 38) and a	or operated ees attend chased on a average cost
lueris	s burned in a plant lumish only the composite heat	Tale for all fuels	s burned.					
Line	Item		Plant			Plant		
No.	(5)		Name: McGu			Name: Cata		
	(a)			(b)			(c)	
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear				Nuclear			Nuclear
2	Type of Constr (Conventional, Outdoor, Boiler, etc.	c)			Conventional			Conventional
3	Year Originally Constructed				1981			1985
4	Year Last Unit was Installed				1984			1986
	Total Installed Cap (Max Gen Name Plate Ratings	s-MW)			2440.60			463.90
	Net Peak Demand on Plant - MW (60 minutes) Plant Hours Connected to Load				2398 8760			456 8760
	Net Continuous Plant Capability (Megawatts)				0700			0/00
9	When Not Limited by Condenser Water				2386			458
10	When Limited by Condenser Water				2316			445
11	Average Number of Employees				1262			1091
12	Net Generation, Exclusive of Plant Use - KWh				18795536000			3792748210
-	Cost of Plant: Land and Land Rights				595904			779551
14	Structures and Improvements				684130158			
15	Equipment Costs				2566386032			
16 17	Asset Retirement Costs  Total Cost				-303637730 2947474364			-11991426 813923139
	Cost per KW of Installed Capacity (line 17/5) Inclu	ıdina			1207.6843			1754.5228
	Production Expenses: Oper, Supv, & Engr	dirig			18076929			3697312
20	Fuel				134756913			27145414
21	Coolants and Water (Nuclear Plants Only)				3621456			945207
22	Steam Expenses				23647951			4085137
23	Steam From Other Sources				0			0
24	Steam Transferred (Cr)				0			0
25	Electric Expenses				2562587			521152
26 27	Misc Steam (or Nuclear) Power Expenses Rents				77516844 0			14678191
28	Allowances				0			0
29	Maintenance Supervision and Engineering				27291588			5231416
30	Maintenance of Structures				5057237			1298328
31	Maintenance of Boiler (or reactor) Plant				44602120			8094387
32	Maintenance of Electric Plant				28163889			4128979
33	Maintenance of Misc Steam (or Nuclear) Plant				18946059			4284285
34	Total Production Expenses				384243573			74109808
35	Expenses per Net KWh		MOTUL	Ni. al	0.0204	MDTU-	INI al	0.0195
	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	ato)					Grams of	
37 38	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indical Quantity (Units) of Fuel Burned	ale)					Uranium 2768063	
39	Avg Heat Cont - Fuel Burned (btu/indicate if nucle	ear)				0	0	
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year				0.000	0.000	0.000	
41	Average Cost of Fuel per Unit Burned				0.000	50.854	0.000	
42	Average Cost of Fuel Burned per Million BTU		0.000 0.715 0.000 0.000			0.711	0.000	
43	Average Cost of Fuel Burned per KWh Net Gen		0.000 0.007 0.000 0.000 0.007		0.007	0.000		
44	Average BTU per KWh Net Generation		0.000	10016.000	0.000	0.000	10038.000	0.000

Name	e of Respondent	S: Original		Date of Report		Year/Perio	od of Report	٦	
Duke	Energy Carolinas, LLC	(1) X An C (2) A Re	original esubmission		(Mo, Da, Yr) 04/12/2018		End of	2017/Q4	
	STEAM-ELECTRIC	` '		TISTICS (I		tinuad)			+
his passa ja nore herm per ui	eport data for plant in Service only. 2. Large planage gas-turbine and internal combustion plants of coint 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 p 10,000 Kw or r s is not availab average numbe uantity of fuel b charges to exp	lants with inst more, and nuc le, give data v er of employed urned convert pense accoun	alled capa lear plants which is av es assigna ed to Mct.	acity (name plate ra s. 3. Indicate by a railable, specifying ble to each plant. 7. Quantities of	ting) of 2 ting) of 2 ting footnote beriod. 6. If ga fuel burn	e any plant lea 5. If any emp is is used and l ned (Line 38) a	sed or operated oloyees attend purchased on a and average cost	
			T=						4
₋ine No.	Item		Plant Name: <i>Dan</i>	River		Plant Name:			
INO.	(a)		IName. Dan	(b)		Name.	(c)		
									]
	Kind of Plant (Internal Comb, Gas Turb, Nuclear				Combined Cycle				4
	Type of Constr (Conventional, Outdoor, Boiler, etc.	<u>(</u>			Conventional				4
	Year Originally Constructed Year Last Unit was Installed				2012				$\dashv$
	Total Installed Cap (Max Gen Name Plate Ratings				697.90			0.00	5
	Net Peak Demand on Plant - MW (60 minutes)	· · ·							5
7	Plant Hours Connected to Load				8219			(	5
8	Net Continuous Plant Capability (Megawatts)				0			(	0
	When Not Limited by Condenser Water				706				0
	When Limited by Condenser Water				662				0
	Average Number of Employees				4501419000				0
	Net Generation, Exclusive of Plant Use - KWh Cost of Plant: Land and Land Rights				4891418000 119364				
	Structures and Improvements				145134556				5
	Equipment Costs				510717011				0
16	Asset Retirement Costs				0			(	5
17	Total Cost				655970931			(	0
18	Cost per KW of Installed Capacity (line 17/5) Inclu	ıding			939.9211			(	0
	Production Expenses: Oper, Supv, & Engr				1487364				0
20	Fuel				127948202				0
21	Coolants and Water (Nuclear Plants Only)				0				0
23	Steam Expenses Steam From Other Sources				0				0
24	Steam Transferred (Cr)				0				5
25	Electric Expenses				2294162				0
26	Misc Steam (or Nuclear) Power Expenses				0				5
27	Rents				0			(	0
28	Allowances				0			(	0
29	Maintenance Supervision and Engineering				865469				0
30	Maintenance of Structures				1989670				0
31	Maintenance of Boiler (or reactor) Plant				5907649				0
32	Maintenance of Electric Plant  Maintenance of Misc Steam (or Nuclear) Plant				5897648				
34	Total Production Expenses				140482515				5
35	Expenses per Net KWh				0.0287			0.0000	-
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Gas	Oil					7
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indica	ite)	MCF	Barrels					1
38	Quantity (Units) of Fuel Burned		33685427	0	0	0	0	0	$\Box$
39	Avg Heat Cont - Fuel Burned (btu/indicate if nucle	ear)	1036	0	0	0	0	0	4
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		3.796	0.000	0.000	0.000	0.000	0.000	4
41	Average Cost of Fuel Perrad per Million BTI		3.796	0.000	0.000	0.000	0.000	0.000	4
42	<u> </u>		3.663	0.000	0.000	0.000	0.000	0.000	4
	Average Cost of Fuel Burned per KWh Net Gen Average BTU per KWh Net Generation		0.026 7137.000	0.000	0.000	0.000	0.000	0.000	+
	Average BTO per (Will Net Generalion		7107.000	0.000	0.000	0.000	0.000	0.000	

Name of Resp	Name of Respondent  This Report Is: Date of Report (Mo, Da, Yr)  Pulse Forest Open India (Mo, Da, Yr)  Date of Report (Mo, Da, Yr)					t				
Duke Energy	Carolinas, LLC			]An Onginal ]A Resubmissi	on	,	Mo, Da, Yr) 04/12/2018	End	of 2017/Q4	
		STEAM ELE	\' \ CTRIC GENERA							
Dispatching, at 547 and 549 of designed for posteam, hydro, it cycle operation	nd Other Expense in Line 25 "Electrice eak load service. internal combustion in with a convention	e based on U. S. (es Classified as C c Expenses," and Designate autom on or gas-turbine onal steam unit, in	other Power Sup Maintenance A natically operate equipment, repo clude the gas-tu	ply Expenses. ccount Nos. 553 d plants. 11. ort each as a se rbine with the s	10. For IC at 3 and 554 on L For a plant equal parate plant. Iteam plant.	nd Gine 3 uippe Howe 12. If	T plants, report 32, "Maintenanced with combina ever, if a gas-tur f a nuclear power	Operating Expose of Electric Plations of fossil furbine unit functions of generating p	enses, Account N ant." Indicate plan uel steam, nuclea ons in a combined lant, briefly explai	its r d in by
		for cost of power s of fuel cost; and								
		s of fuel cost, and and operating ch			concerning pia	ırıt typ	pe luei usea, lui	ei ennonment g	pe and quantity i	or the
Plant	na other priyologi	and operating on	Plant	Jidiit.			Plant			Line
Name: Allen			Name: Lee				Name: Lee			No.
	(d)			(e)				(f)		
		Steam			Stea	am		Cor	nbustion Turbine	1
		Conventional			Convention	nal			Conventional	2
		1957				951			2006	3
		1961				958			2007	4
		1148.40			163.				108.00	5
		1103				168			97	6
		2550			6	610			1194	7
		0 1161			4	0 173			0 82	8
		1098				170			84	10
		110				48			0	11
		994305000			401170				87276000	12
		584928			1678	_			0	13
		85891781			151179				546489	14
		1079757877			798789				59517954	15
		175098292				0			0	16
		1341332878			951647	709			60064443	17
		1168.0015	583.1171 556.1523						18	
		2220435			11652	272			319605	19
		40312353			22842	241			4295687	20
		0				0			0	21
		5275110			7641	158			0	22
		0				0			0	23
		10				1			0	24
		1512109			3641				326829	25
		2344851			10221				0	26 27
		0 193				0			0	28
		1925823			4002				-242537	29
		2079344			5485				306802	30
		3150699			377				0	31
		4451272			4155				654186	32
		497051			14170	083			0	33
		63769250			84191	145			5660572	34
		0.0641			0.20	99			0.0649	35
Coal	Oil		Coal	Oil	Gas		Gas	Oil		36
Tons	Barrels		Tons	Barrels	MCF		MCF	Barrels		37
471035	27376	0	0	0	571707		826962	9999	0	38
11487	137780	0	0	0	1031		1029	137000	0	39
75.230	71.910	0.000	0.000	0.000	3.955		3.985	74.140	0.000	40
78.470	71.445	0.000	0.000	0.000	3.955		3.985	99.070	0.000	41
3.415 0.039	0.039	0.000	0.000	0.000	3.837 0.056		3.873 0.049	0.049	0.000	42
11047.000	11047.000	0.000	0.000	0.000	14688.000		10408.000	10408.000	0.000	43
110-11.000	110-11.000	0.000	0.000	0.000	1-7000.000		10-100.000	10-100.000	0.000	

Name of Respo	ondent		This Re	oort Is:			e of Report	Year/	Year/Period of Report  End of			
Duke Energy C	Carolinas, LLC			]An Original ]A Resubmissior	1	•	o, Da, Yr) 12/2018	End o	of 2017/Q4			
		CTEAM ELE		1								
				TING PLANT ST								
Dispatching, an 547 and 549 on designed for pe steam, hydro, ir cycle operation footnote (a) acc	d Other Expense Line 25 "Electric ak load service. hternal combustic with a convention counting method	e based on U. S. of es Classified as Co expenses," and Designate autom on or gas-turbine nal steam unit, in for cost of power is of fuel cost; and	other Power Sup Maintenance Ad natically operated equipment, repo clude the gas-tu generated include	ply Expenses. count Nos. 553 of plants. 11. For each as a separbine with the steading any excess of	10. For IC and and 554 on Linor a plant equiparate plant. Ho am plant. 12 costs attributed	d GT p ne 32, ' pped v owever 2. If a d d to res	plants, report C "Maintenance with combinati er, if a gas-turb nuclear power esearch and de	Operating Exper of Electric Plar ons of fossil fue ine unit function r generating plate evelopment; (b)	nses, Account Not." Indicate planed steam, nuclear in a combined int, briefly explaitypes of cost un	ts r d n by its		
		and operating ch			•	,,		,	. ,			
Plant			Plant			Р	Plant			Line		
Name: Cliffside			Name: Riverb			N	Name: <i>Riverb</i> e			No.		
	(d)			(e)		_		(f)				
		Steam			Stear			Comi	bustion Turbine	1		
		Conventional			Conventiona				Conventional	2		
		1972			195				1969	3		
		2012			195				1969	4		
1530.50					0.0				0.00	5		
1395						0			0	6		
	765					0			0	7		
		0				0			0	8		
		1400				0			0	9		
		1388				0			0	10 11		
		116				0			0	12		
		5825790000 597577	0						0	13		
		244262653				0			0	14		
		2592827509			31501				360253	15		
		179964900				0			0	16		
		3017652639			31501				360253	17		
		1971.6776				0			0	18		
		3164301			-2				0	19		
		184241299			156	2			0	20		
		0				0			0	21		
_		14692590				0			0	22		
		0				0			0	23		
		13				0			0	24		
		1878782				0			0	25		
		3219336			4309	1			0	26		
		0				0			0	27		
		471				0			0	28		
		2907691			35				0	29		
		2046754			9848				0	30		
		9011294				0			0	31		
		2843148			16				0	32		
		1180732			344				0	33		
		225186411			14707				0,0000	34 35		
Coal	Oil	0.0387	Coal	Oil	0.000		as	Oil	0.0000	36		
Tons	Barrels		Tons	Barrels				Barrels		37		
2160861	60491	0	0	0	0	0		0	0	38		
12131	137494	0	0	0	0	0		0	0	39		
77.990	78.170	0.000	0.000	0.000	0.000	Ť		0.000	0.000	40		
81.200	79.908	0.000	0.000	0.000	0.000			0.000	0.000	41		
3.347	13.837	0.000	0.000	0.000	0.000			0.000	0.000	42		
0.031	0.031	0.000	0.000	0.000	0.000	0.0	.000	0.000	0.000	43		
9058.000	9058.000	0.000	0.000	0.000	0.000	0.0	.000	0.000	0.000	44		

Name	of Respondent		This Re	port Is: ∏An Original		Date of Report (Mo, Da, Yr)	Yea	r/Period of Repor	t
Duke I	Energy Carolinas, LLC		(1) X (2)	∐An Onginai □A Resubmissioi	n	04/12/2018	End	of 2017/Q4	
		STEAM-ELEC	CTRIC GENERA	 ATING PLANT S <sup>*</sup>	<u> </u> FATISTICS (Lar	ge Plants) (Contin	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 court of the ses	of A. Accounts.  other Power Sup Maintenance A natically operate equipment, repo	Production experience ply Expenses. account Nos. 553 and plants. 11. Fort each as a sep	nses do not incl 10. For IC and and 554 on Line or a plant equip arate plant. Ho	ude Purchased F GT plants, report e 32, "Maintenance ped with combina 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 methor the various componer								
	period and other physic				onocitiing plant	type raer asea, ra		ype and quantity i	
Plant			Plant			Plant			Line
Name:	Buzzard Roost (d)		Name: Linco	ln (e)		Name: Ocon	ree (f)		No.
	(u)			(0)			(1)		
	Co	mbustion Turbine		Com	bustion Turbine			Nuclear	1
		Conventional			Conventiona			Conventional	2
		1971			1995			1973	3
		1971			1996			1974	4
		0.00			1753.60 827			2666.70 2624	5
		0			125			8760	7
		0			0			0	8
		0			1488			2618	9
		0			1193			2554	10
		0			13			1325	11
		0	17603000 21798744000 3021923 1504454						12 13
		0		28611853 9570834					
		0			374970892			3303779748	14 15
		0			0			-291973683	16
		0			406604668			3970393958	17
		0			231.8685			1488.8791	18
		0			431431 1502669			14533404 146462782	19 20
		0			0	_		4317878	21
		0			0			21390708	22
		0			0			0	23
		0			0			0	24
		-687 0			2954101	+		18219375 90544616	25 26
		0			0			90344616	27
		0			0			0	28
		0			936213			40743246	29
		0			636088			6181473	30
		0			1759608			34066488 25543770	31
		0			1759608			25543770	33
		-687			8220110			424704247	34
	,	0.0000			0.4670			0.0195	35
Coal	Oil		Gas	Oil		MBTUs	Nuclear	Grams of	36
Tons 0	Barrels 0	0	MCF 324512	Barrels 1374	0	Uranium 221670000 0 2450475			37 38
0	0	0	1037	1374	0	221679000 0 3450475 0 0 0			39
0.000	0.000	0.000	3.799	70.860	0.000	0.000 0.000 0.000			40
0.000	0.000	0.000	3.799	80.463	0.000	0.000 42.427 0.000			41
0.000	0.000	0.000	3.665	13.830	0.000	0.000	0.661	0.000	42
0.000	0.000	0.000	0.076	0.076	0.000	0.000	0.007	0.000	43
0.000	0.000	0.000	19565.000	19565.000	0.000	0.000	10169.000	0.000	44
									لــــــا

Name of Respond	dent		This Rep	oort Is:  An Original		Date of Report	Ye	ear/Period of Repor	t	
Duke Energy Car	rolinas, LLC			An Onginal A Resubmission		(Mo, Da, Yr) 04/12/2018	Er	nd of2017/Q4		
		STEAM-ELEC	` ` _			ge Plants) (Contin	aued)			
0 11 -						,		0.1.1		
Dispatching, and of 547 and 549 on Lidesigned for peak steam, hydro, intercycle operation wifootnote (a) accounts.	Other Expense ine 25 "Electric load service. ernal combustio ith a conventior unting method f	s Classified as O Expenses," and Designate autom on or gas-turbine nal steam unit, in for cost of power	other Power Supp Maintenance Activation of Maintenance Activation of Maintenance Activation of Maintenance Activate Maintenance Main	oly Expenses.  count Nos. 553 and plants. 11. For teach as a separation with the stelling any excess of	IO. For IC and and 554 on Line or a plant equiparate plant. Ho am plant. 12. costs attributed	GT plants, report a 32, "Maintenance a 22, "Maintenance ped with combinate wever, if a gas-tulf a nuclear power to research and of the search perating Exce of Electric Interest of Electric Interest of Interest of Interest of Electric	n Control and Load (penses, Account N Plant." Indicate plan I fuel steam, nuclea ctions in a combined plant, briefly explaid (b) types of cost und t type and quantity f	nts r d in by nits		
report period and	other physical	and operating ch	aracteristics of p	lant.						
Plant			Plant			Plant			Line	
Name: Mill Creek			Name: Rockin	• , ,		Name: Buck	<b>(f</b> )		No.	
	(d)			(e)			(f)			
	Comb	oustion Turbine		Comb	oustion Turbine			Combined Cycle	1	
	Come	Conventional		Com	Conventional			Conventional	2	
		2002			2000			2011	3	
2003					2000	_		2011	4	
	799.20				977.50	_		697.90	5	
	717				896	_		716	6	
		265			1303			8598	7	
		0			0			0	8	
		739			895			697	9	
		563			825			668	10	
		9			12	!		47	11	
		46843000			678171000			5111562000	12 13	
		5063537			967095		146198564			
	29643614				3351892				14	
		221318821			296033334			521616836	15 16	
		0 256025972			300352321			0 667815400	17	
		320.3528			307.2658			956.8927	18	
		251350			494473			1533908	19	
		4164043			27010058	_		132145348	20	
		0			O			0	21	
		0			0	1		0	22	
		0			C			0	23	
		0			0			0	24	
		1558184			1792533	<b>;</b>		1824148	25	
		0			0			0	26	
		0			0	_		0	27	
		0			000070			702470	28	
		484828 286383			600979 336284	_		763178 3586800	29 30	
		0			030204	_		0	31	
		1011780			1874513			1414178	32	
		0			0	_		0	33	
		7756568			32108840	1		141267560	34	
		0.1656			0.0473			0.0276	35	
	Dil		Gas	Oil		Gas	Oil		36	
	Barrels		MCF	Barrels	_	MCF	Barrels		37	
	18734	0	7185779	5937	0	34837558	0	0	38	
	137390	0	1039	139834	0	1036	0	0	39	
	0.000	0.000	3.679	0.000	0.000	3.791	0.000	0.000	40	
-	112.436 19.485	0.000	3.679 3.542	81.837 13.935	0.000	3.791 3.659	0.000	0.000	41	
1	0.087	0.000	0.040	0.040	0.000	0.026	0.000	0.000	42	
	14072.000	0.000	11055.000	11055.000	0.000	7063.000	0.000	0.000	44	
							1			

Name of Re	espondent		This Re	port ls: An Original			Date of Report Mo, Da, Yr)		Year/P	eriod of Repor	t
Duke Energ	gy Carolinas, LLC		(1) 🔀	.]An Onginai ∃A Resubmiss	sion	,	04/12/2018		End of	2017/Q4	
		STEAM-ELE	` ′				e Plants) (Contin	ued)			
Dispatching, 547 and 549	, and Other Expen on Line 25 "Elect	are based on U.S. ones Classified as 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	includ and G Line 3	de Purchased Pe T plants, report 32, "Maintenanc	ower, Sy Operatin	ng Expens ctric Plant	ses, Account N " Indicate plan	its
		e. Designate autom									
		stion or gas-turbine tional steam unit, in									
		d for cost of power									
		nts of fuel cost; and			concerning pla	ant ty	pe fuel used, fue	el enrich	ment type	e and quantity t	or the
	d and other physic	al and operating ch	1	plant.			Diant				
Plant Name:			Plant Name:				Plant Name:				Line No.
	(d)			(e)				(f)	)		
											1
											2
											3 4
		0.00			0	0.00				0.00	5
		0				0				0	6
		0				0				0	7
		0				0				0	8
		0				0				0	9
		0				0				0	10 11
		0				0				0	12
		0				0				0	13
	0					0				0	14
		0				0				0	15
		0				0				0	16
		0				0				0	17
		0				0				0	18 19
		0				0				0	20
		0				0				0	21
		0				0				0	22
		0				0				0	23
		0				0				0	24 25
		0				0				0	26
		0				0				0	27
		0				0				0	28
		0				0				0	29
		0				0				0	30
		0				0				0	31 32
		0				0				0	33
		0				0				0	34
		0.0000			0.00	000				0.0000	35
											36
			0				0			0	37
0	0	0	0	0	0		0	0		0	38 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

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	04/12/2018	2017/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

Belews Creek Steam Total fuel costs include Fuel Handling, Coal Sampling, and Sale of Fly Ash.

Schedule Page: 402 Line No.: 20 Column: c

Marshall Steam Total fuel costs include Fuel Handling, Coal Sampling, and Sale of Fly Ash.

Schedule Page: 403 Line No.: 20 Column: d

Allen Steam Total fuel costs include Fuel Handling, Coal Sampling, and Sale of Fly Ash.

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.

Schedule Page: 403 Line No.: 20 Column: f

Lee Combustion Turbine Total fuel costs exclude \$508,888 for Lee CC pre-commercial generation.

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

Dan River Steam Total fuel costs reflect Sale of Fly Ash.

Dan River Steam Accounts 0501007, 0501008, and 0501009 for Coal Ash Beneficial Reuse in the amount of \$247,720 are excluded.

Schedule Page: 403.1 Line No.: 20 Column: d

Cliffside Steam Total fuel costs include Fuel Handling, Coal Sampling, and Sale of Fly Ash.

Schedule Page: 403.1 Line No.: 20 Column: e

Riverbend Steam Total fuel costs reflect Sale of Fly Ash.

Riverbend Steam Accounts 0501007, 0501008, and 0501009 for Coal Ash Beneficial Reuse in the amount of \$91,694,725 are excluded.

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

Buck Steam Total fuel costs reflect Sale of Fly Ash.

Schedule Page: 402.3 Line No.: -1 Column: c

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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

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: 402.3 Line No.: 20 Column: c

Represents respondent's 19.246% ownership of Catawba units 1 and 2

Schedule Page: 402.4 Line No.: 20 Column: b

Dan River Combined Cycle Total fuel costs include Biogas accounts 0547106 and 0547107 in the amount of \$591,816

Schedule Page: 402 Line No.: 41 Column: b1

Belews Creek Steam 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

Marshall Steam 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

Allen Steam 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

Belews Creek Steam Calculated on all fuels basis only.

Schedule Page: 402 Line No.: 43 Column: b2

Belews Creek Steam Calculated on all fuels basis only.

Schedule Page: 402 Line No.: 43 Column: c1

Marshall Steam Calculated on all fuels basis only.

Schedule Page: 402 Line No.: 43 Column: c2

Marshall Steam Calculated on all fuels basis only.

Schedule Page: 402 Line No.: 43 Column: d1

Allen Steam Calculated on all fuels basis only.

Schedule Page: 402 Line No.: 43 Column: d2

Allen Steam Calculated on all fuels basis only.

Schedule Page: 402 Line No.: 43 Column: f1

Lee Combustion Turbine Calculated on all fuels basis only.

Schedule Page: 402 Line No.: 43 Column: f2

Lee Combustion Turbine Calculated on all fuels basis only.

Schedule Page: 402 Line No.: 44 Column: b1

Belews Creek Steam Conventional steam heat rates include BTU's of both generation and light-off fuels.

Schedule Page: 402 Line No.: 44 Column: b2

Belews Creek Steam Calculated on all fuels basis only.

Schedule Page: 402 Line No.: 44 Column: c1

Marshall Steam Conventional steam heat rates include BTU's of both generation and light-off fuels.

Schedule Page: 402 Line No.: 44 Column: c2

Marshall Steam Calculated on all fuels basis only.

Schedule Page: 402 Line No.: 44 Column: d1

Allen Steam Conventional steam heat rates include BTU's of both generation and light-off fuels.

**FERC FORM NO. 1 (ED. 12-87)** 

Cliffside Steam 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  Cliffside Steam Calculated on all fuels basis only.  Schedule Page: 402.1 Line No.: 43 Column: d2  Cliffside Steam Calculated on all fuels basis only.  Schedule Page: 402.1 Line No.: 44 Column: d2  Cliffside Steam Calculated on all fuels basis only.  Schedule Page: 402.1 Line No.: 44 Column: d1  Cliffside Steam Conventional steam heat rates include BTU's of both generation and light-off fuels.  Schedule Page: 402.1 Line No.: 44 Column: d2  Cliffside Steam Calculated on all fuels basis only.  Schedule Page: 402.2 Line No.: 43 Column: e1  Lincoln Combustion Turbine Calculated on all fuels basis only.  Schedule Page: 402.2 Line No.: 43 Column: e2  Lincoln Combustion Turbine Calculated on all fuels basis only.  Schedule Page: 402.2 Line No.: 44 Column: e1  Lincoln Combustion Turbine Calculated on all fuels basis only.  Schedule Page: 402.2 Line No.: 44 Column: e2  Lincoln Combustion Turbine Calculated on all fuels basis only.  Schedule Page: 402.3 Line No.: 38 Column: c1  As the Operator, MBTUs reflects the total MBTUs at the Catawba Nuclear Station  Schedule Page: 402.3 Line No.: 38 Column: c3  As the Operator, grams of uranium reflects total Grams of Uranium at the Catawba Nuclear Station  Schedule Page: 402.3 Line No.: 43 Column: c3  As the Operator, grams of uranium reflects total Grams of Uranium at the Catawba Nuclear Station  Schedule Page: 402.3 Line No.: 43 Column: c3  As the Operator, grams of uranium reflects total Grams of Uranium at the Catawba Nuclear Station  Schedule Page: 402.3 Line No.: 43 Column: c4  Rockingham Combustion Turbine Calculated on all fuels basis only.  Schedule Page: 402.3 Line No.: 43 Column: c4  Rockingham Combustion Turbine Calculated on all fuels basis only.	Name of Respondent	This Report is:	•	Year/Period of Report
Schedule Page: 402 Line No.: 44 Column: d2 Allen Steam Calculated on all fuels basis only. Schedule Page: 402 Line No.: 44 Column: d1 Lee Combustion Turbine Calculated on all fuels basis only. Schedule Page: 402 Line No.: 44 Column: d1 Lee Combustion Turbine Calculated on all fuels basis only. Schedule Page: 402 Line No.: 44 Column: d1 Cliffside Steam Average Cost of Fuel per Unit Burned does not include cost for Fuel leandling, Coal Sampling, and Sale of Ply Ash. Schedule Page: 402.1 Line No.: 43 Column: d1 Cliffside Steam Calculated on all fuels basis only. Schedule Page: 402.1 Line No.: 43 Column: d2 Cliffside Steam Calculated on all fuels basis only. Schedule Page: 402.1 Line No.: 43 Column: d2 Cliffside Steam Calculated on all fuels basis only. Schedule Page: 402.1 Line No.: 43 Column: d2 Cliffside Steam Calculated on all fuels basis only. Schedule Page: 402.1 Line No.: 44 Column: d2 Cliffside Steam Calculated on all fuels basis only. Schedule Page: 402.1 Line No.: 44 Column: d2 Cliffside Steam Calculated on all fuels basis only. Schedule Page: 402.2 Line No.: 43 Column: e1 Cliffside Steam Calculated on all fuels basis only. Schedule Page: 402.2 Line No.: 43 Column: e2 Lincoln Combustion Turbine Calculated on all fuels basis only. Schedule Page: 402.2 Line No.: 44 Column: e1 Lincoln Combustion Turbine Calculated on all fuels basis only. Schedule Page: 402.2 Line No.: 44 Column: e1 Lincoln Combustion Turbine Calculated on all fuels basis only. Schedule Page: 402.3 Line No.: 45 Column: c1 As the Operator, MBTUs reflects the total MBTUs at the Catawba Nuclear Station Schedule Page: 402.3 Line No.: 43 Column: c1 As the Operator, MBTUs reflects the total MBTUs at the Catawba Nuclear Station Schedule Page: 402.3 Line No.: 43 Column: c1 As the Operator, MBTUs reflects the total MBTUs at the Catawba Nuclear Station Schedule Page: 402.3 Line No.: 43 Column: c1 As the Operator, MBTUs reflects the total MBTUs at the Catawba Nuclear Station Schedule Page: 402.3 Line No.: 45 Column: c1 As the Operator of Combustion Tur	Dulas Francis Caralinas III C			0047/04
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	e of Respondent	This Report Is (1) X An C	s: Original	Date of Report (Mo, Da, Yr)		Year/Peri	od of Report
Duke	Energy Carolinas, LLC		submission	04/12/2018		End of	2017/Q4
-	HYDROFI	L ' ' L	RATING PLANT STATI	STICS (Large Plan	te)		
4 1 -					13)		
2. If a a foot	rge plants are hydro plants of 10,000 Kw or more any plant is leased, operated under a license from note. If licensed project, give project number. the peak demand for 60 minutes is not available, go a group of employees attends more than one gene	ergy Regulatory Commi s available specifying pe	eriod.		-		
Lina	Itom		FFDC Licensed Project	at No. 2000	IEEDC I	iconcod Drois	et No
Line No.	Item (a)		FERC Licensed Project Plant Name: Bridgewa (b)	iter		icensed Proje ame: Rhodhis (c)	
	` ,		, ,				
1	Kind of Plant (Run-of-River or Storage)			Storage			Storage
	Plant Construction type (Conventional or Outdoor	r)		Conventional			Conventional
	Year Originally Constructed			2011			1925
4	Year Last Unit was Installed			2011			1925
	Total installed cap (Gen name plate Rating in MV	,		27.73			25.50
	Net Peak Demand on Plant-Megawatts (60 minut	es)		35			37
	Plant Hours Connect to Load  Net Plant Capability (in megawatts)			3,218			5,620
9	(a) Under Most Favorable Oper Conditions			32			34
10	(b) Under the Most Adverse Oper Conditions			28			33
-	Average Number of Employees			3			4
	Net Generation, Exclusive of Plant Use - Kwh			51,905,000			61,738,000
	Cost of Plant						
14	Land and Land Rights			1,229,866			525,914
15	Structures and Improvements			65,117,164			4,003,189
16	Reservoirs, Dams, and Waterways			105,399,463			7,546,537
17	Equipment Costs			35,540,185			19,142,063
18	Roads, Railroads, and Bridges			0			0
19	Asset Retirement Costs			0			0
20	TOTAL cost (Total of 14 thru 19)			207,286,678			31,217,703
21	Cost per KW of Installed Capacity (line 20 / 5)			7,475.1777			1,224.2236
_	Production Expenses			207 694	l		120 060
23	Operation Supervision and Engineering Water for Power			297,684			138,860
25	Hydraulic Expenses			-117,356			-6,913
26				149,781			125,078
27	Misc Hydraulic Power Generation Expenses			135,500			127,410
28	Rents			0			0
29	Maintenance Supervision and Engineering			27,733			30,308
30	Maintenance of Structures			2,146			9,704
31	Maintenance of Reservoirs, Dams, and Waterwa	ıys		210,609			57,889
32	Maintenance of Electric Plant			78,103			53,098
33	Maintenance of Misc Hydraulic Plant			76,828			76,009
34	Total Production Expenses (total 23 thru 33)			861,028			611,443
35	Expenses per net KWh			0.0166			0.0099
					ĺ		

Name	e of Respondent	This Report Is		Date of Report		Year/Per	iod of Report
Duke	Energy Carolinas, LLC	(1) X An O (2)	original esubmission	(Mo, Da, Yr) 04/12/2018		End of	2017/Q4
	HYDROELI	` '	I RATING PLANT STATISTICS (Large Plants)		te)		
					15)		
2. If a foot 3. If r	rge plants are hydro plants of 10,000 Kw or more of iny plant is leased, operated under a license from note. If licensed project, give project number. net peak demand for 60 minutes is not available, given a group of employees attends more than one gene	the Federal End	ergy Regulatory Commi s available specifying pe	eriod.			
	H		EEDO Lissans d Davis	+ NI- 0000	leepo i	in and David	at Na aggs
Line No.	Item (a)		FERC Licensed Project Plant Name: Cowans (b)	Ford		ame: Wylie (c)	ect No. 2232
	, ,		,				
1	Kind of Plant (Run-of-River or Storage)			Storage			Storage
2	Plant Construction type (Conventional or Outdoor	)		Outdoor			Conventional
3	Year Originally Constructed			1963			1925
4	Year Last Unit was Installed			1967			1925
5	Total installed cap (Gen name plate Rating in MW	<u>')</u>		350.00			60.00
	Net Peak Demand on Plant-Megawatts (60 minute	es)		166			72
	Plant Hours Connect to Load			1,472			8,399
	Net Plant Capability (in megawatts)						
9	(a) Under Most Favorable Oper Conditions			390			78
10	(b) Under the Most Adverse Oper Conditions			325	l		72
	Average Number of Employees			15			8
	Net Generation, Exclusive of Plant Use - Kwh			120,352,000			98,272,000
	Cost of Plant			12 451 412			2 707 611
14 15	Land and Land Rights Structures and Improvements			12,451,413			2,707,611 6,476,079
16	Reservoirs, Dams, and Waterways			16,410,674 32,511,353			19,141,813
17	Equipment Costs			58,841,608			21,971,673
18	Roads, Railroads, and Bridges			2,240,416			0
19	Asset Retirement Costs			2,210,110			0
20	TOTAL cost (Total of 14 thru 19)			122,455,464			50,297,176
21				349.8728			838.2863
	Production Expenses						
23	Operation Supervision and Engineering			1,891,432			302,226
24	Water for Power			0			0
25	Hydraulic Expenses			-553,498			-170,600
26	Electric Expenses			307,063			133,084
27	Misc Hydraulic Power Generation Expenses			1,240,890			298,300
28	Rents			0			0
29	Maintenance Supervision and Engineering			360,215			59,854
30	Maintenance of Structures			12,949			4,580
31	Maintenance of Reservoirs, Dams, and Waterwa	ys		152,735			61,763
32	Maintenance of Electric Plant			583,832			182,719
33	Maintenance of Misc Hydraulic Plant			241,185			164,457
34	Total Production Expenses (total 23 thru 33)			4,236,803			1,036,383
35	Expenses per net KWh			0.0352			0.0105

Name	e of Respondent	This I	Report Is:	Date of Report		Year/Period of Report
Duke	Energy Carolinas, LLC	(1) (2)	☐ A Resubmission	(Mo, Da, Yr) 04/12/2018		End of 2017/Q4
	111/2025	` '				
	HYDROELE	ECTRIC	C GENERATING PLANT STATI	STICS (Large Plan	ts)	
	rge plants are hydro plants of 10,000 Kw or more o					
	ny plant is leased, operated under a license from	the Fed	deral Energy Regulatory Commi	ssion, or operated	as a join	nt facility, indicate such facts in
	note. If licensed project, give project number. let peak demand for 60 minutes is not available, gi	ive that	which is available specifying pe	ariod		
	group of employees attends more than one gene				mber of	employees assignable to each
lant.	i group or omproyees allonds more than one gone	.au.ig p	sam, repert en mie 11 me appre	mate average na		omproyees assignable to each
ine	Item		FERC Licensed Project			Licensed Project No. 2232
No.	(a)		Plant Name: Rocky C		Plant N	lame: Cedar Creek (c)
	(α)		(8)	'		(0)
1	Kind of Plant (Run-of-River or Storage)			Run-of-River		Run-of-River
	Plant Construction type (Conventional or Outdoor	١		Conventional		Conventional
	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			0		
	Plant Hours Connect to Load	co)		0		48 
				0		6,030
	Net Plant Capability (in megawatts)			16		45
9	(a) Under Most Favorable Oper Conditions			16		45
10	(b) Under the Most Adverse Oper Conditions			14		43
	Average Number of Employees			0		440.070.000
	Net Generation, Exclusive of Plant Use - Kwh			-164,000		113,070,000
	Cost of Plant					
14	Land and Land Rights			36,552		7,899
15	Structures and Improvements			1,198,093		3,527,794
16	Reservoirs, Dams, and Waterways			3,534,847		6,701,676
17	Equipment Costs			79,490		16,245,223
18	Roads, Railroads, and Bridges			0		0
19	Asset Retirement Costs			0		0
20	TOTAL cost (Total of 14 thru 19)			4,848,982		26,482,592
21	Cost per KW of Installed Capacity (line 20 / 5)			173.1779		588.5020
22	Production Expenses					
23	Operation Supervision and Engineering			95,604		185,006
24	Water for Power			0		0
25	Hydraulic Expenses			21,071		15
26	Electric Expenses			18,463		173,032
27	Misc Hydraulic Power Generation Expenses			102,395		222,180
28	Rents			0		0
29	Maintenance Supervision and Engineering			27,319		43,970
30	Maintenance of Structures			493		10,727
31	Maintenance of Reservoirs, Dams, and Waterway	ys		108,822		52,399
32	Maintenance of Electric Plant			23,952		71,679
33	Maintenance of Misc Hydraulic Plant			33,234		123,367
34	Total Production Expenses (total 23 thru 33)			431,353		882,375
35	Expenses per net KWh			0.0000		0.0078

Name	e of Respondent	This Report	ls:	Date of Report		Year/Per	iod of Report	t
Duke	e Energy Carolinas, LLC	(1) X An (2)	Original Resubmission	inal (Mo, Da, Yr) bmission 04/12/2018		End of	2017/Q4	
	HADDOELE		ERATING PLANT STATI		to)			
				<u>`</u>	ts)			
foot If r	rge plants are hydro plants of 10,000 Kw or more of any plant is leased, operated under a license from to note. If licensed project, give project number. Het peak demand for 60 minutes is not available, give group of employees attends more than one gener	the Federal E	nergy Regulatory Commi	ssion, or operated a		-		
₋ine No.	Item		FERC Licensed Project Plant Name: Keowee			icensed Proje ame: Thorpe		36
	(a)		(b)	)		(c)		
1	Kind of Plant (Run-of-River or Storage)			Storage			St	torage
	Plant Construction type (Conventional or Outdoor)	)		Outdoor			Conver	
	Year Originally Constructed	/		1971				1941
	Year Last Unit was Installed			1971				1941
	Total installed cap (Gen name plate Rating in MW	')		157.60				21.60
	Net Peak Demand on Plant-Megawatts (60 minute			144				22
	Plant Hours Connect to Load	,		402				3,728
	Net Plant Capability (in megawatts)			.02				,. =3
9	(a) Under Most Favorable Oper Conditions			160				23
10	(b) Under the Most Adverse Oper Conditions			152				4
11	Average Number of Employees			6				4
12	Net Generation, Exclusive of Plant Use - Kwh			31,780,000			65,19	3,000
13	Cost of Plant							
14	Land and Land Rights			21,905,557			1,15	3,815
15	Structures and Improvements			8,237,027			2,89	6,279
16	Reservoirs, Dams, and Waterways			17,440,014			4,89	7,153
17	Equipment Costs			89,753,525			3,52	9,514
18	Roads, Railroads, and Bridges			0			4	6,024
19	Asset Retirement Costs			0				0
20	TOTAL cost (Total of 14 thru 19)			137,336,123			12,52	2,785
21	Cost per KW of Installed Capacity (line 20 / 5)			871.4221			579	9.7586
22	Production Expenses							
23	Operation Supervision and Engineering			91,467			18	33,306
24	Water for Power			0				0
25	Hydraulic Expenses			-212,793			6	8,840
26	Electric Expenses			1,220,457				6,224
27	Misc Hydraulic Power Generation Expenses			336,181			7	6,554
28				0				0
29	Maintenance Supervision and Engineering			48,676				1,820
30	Maintenance of Structures			109,371				1,783
31	Maintenance of Reservoirs, Dams, and Waterway	ys		473,782				6,071
32	Maintenance of Electric Plant			866,858				30,647
33	Maintenance of Misc Hydraulic Plant			238,414				9,458
34	Total Production Expenses (total 23 thru 33)			3,172,413				4,703
35	Expenses per net KWh			0.0998			U	0.0125

Name	e of Respondent		Report Is:	Date of Report		Year/Period of Report
Duke	e Energy Carolinas, LLC	(1) (2)	X An Original  ☐ A Resubmission	(Mo, Da, Yr) 04/12/2018		End of 2017/Q4
	111/22051	` '				
	HYDROELE	-CTRI	C GENERATING PLANT STAT	STICS (Large Plan	ts)	
	rge plants are hydro plants of 10,000 Kw or more of					
	any plant is leased, operated under a license from to note. If licensed project, give project number.	the Fe	deral Energy Regulatory Commi	ssion, or operated	as a joir	it facility, indicate such facts in
	note. If licensed project, give project number. het peak demand for 60 minutes is not available, gi	ve tha	t which is available specifying p	eriod		
	a group of employees attends more than one gene				mber of	employees assignable to each
lant.		J		· ·		, ,
ine	Item		FERC Licensed Project	et No. 0	FERC	_icensed Project No. 0
No.	item		Plant Name:	SCINO. U	Plant N	
	(a)		(b)	)	lanci	(c)
1	Kind of Plant (Run-of-River or Storage)					
2	Plant Construction type (Conventional or Outdoor	)				
3	Year Originally Constructed					
4	Year Last Unit was Installed					
5	Total installed cap (Gen name plate Rating in MW	<b>'</b> )		0.00		0.0
6	Net Peak Demand on Plant-Megawatts (60 minute	es)		0		
7	Plant Hours Connect to Load			0		
8	Net Plant Capability (in megawatts)					
9	(a) Under Most Favorable Oper Conditions			0		
10	(b) Under the Most Adverse Oper Conditions			0		
11	Average Number of Employees			0		
12	Net Generation, Exclusive of Plant Use - Kwh			0		
13	Cost of Plant					
14	Land and Land Rights			0		
15	Structures and Improvements			0		
16	Reservoirs, Dams, and Waterways			0		
17	Equipment Costs			0		
18	Roads, Railroads, and Bridges			0		
19	Asset Retirement Costs			0		
20	TOTAL cost (Total of 14 thru 19)			0		
21	Cost per KW of Installed Capacity (line 20 / 5)			0.0000		0.000
22	Production Expenses					
23	Operation Supervision and Engineering			0		
24	Water for Power			0		
25	Hydraulic Expenses			0		
26	Electric Expenses			0		
27	Misc Hydraulic Power Generation Expenses			0		
28	Rents			0		
29	Maintenance Supervision and Engineering			0		
30	Maintenance of Structures			0		
31	Maintenance of Reservoirs, Dams, and Waterway	ys		0		
32	Maintenance of Electric Plant			0		
33	Maintenance of Misc Hydraulic Plant			0		
34	Total Production Expenses (total 23 thru 33)			0		
35	Expenses per net KWh			0.0000		0.000

Name of Respondent	This Report Is:	Date of Report	Year/Period of Repor	t
Duke Energy Carolinas, LLC	(1) X An Original	(Mo, Da, Yr)	End of 2017/Q4	
	(2) A Resubmission	04/12/2018		
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 Expo	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)	110.
Stora	ge Run-of-Rive	er	Storage	1
Convention			Conventional	
19			1923	_
19			1923	
36.			60.00	_
		1	62	
1,0	8,75	00	2,742	
		-		8
		8	62	
		8	58	
	3	1	1	11
59,387,0	00 87,427,00	0	90,428,000	
				13
1,247,5	550,59	0	800,211	
4,009,9	2,536,30	3	2,367,161	+
26,382,4	5,662,64	3	5,531,690	+
22,353,4	13,189,65	7	19,454,392	
	0	0	0	18
	0	0	0	19
53,993,4	16 21,939,19	3	28,153,454	20
1,499.81	71 850.356	3	469.2242	21
				22
113,9	71,39	5	267,587	23
	0	0	0	24
-77,0	06 22,42	2	-26,551	25
119,9	75 172,91	9	121,570	26
181,4	122,93	2	222,381	27
,		0	0	-
39,8	12 25,27	4	67,462	29
	39 7,94		5,641	+
56,8			46,074	
114,4			102,275	-
243,6			30,849	
793,9		_	837,288	+
0.01			0.0093	
0.01	0.000	1	0.0000	
		1		Ì

Name of Respondent	This Report Is:	Date of Report	Year/Period of Repor	t
Duke Energy Carolinas, LLC	(1) X An Original	(Mo, Da, Yr)	End of 2017/Q4	
	(2) A Resubmission	04/12/2018	Lild Of	
HYDRO	ELECTRIC GENERATING PLANT STATISTICS (	Large Plants) (Continued	)	
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	ge Run-of-Riv	er	Run-of-River	1
Convention	al Convention	al	Conventional	
19	16 19	07	1923	3
19	16 19	07	1923	
42.	12.	00	45.00	5
	54	3	48	
8,0	78	39	7,644	
				8
	56	14	47	9
		11	42	<u> </u>
	3	5	2	
111,618,0	-16,0	00	135,574,000	
				13
364,0			0	-
4,376,0	<u> </u>		2,137,143	
15,283,1		0	1,506,206	
27,274,2			15,933,123	
	0	0	633,636	
47.007.4	0	0	00.040.400	1
47,297,4 1,118.14		<u> </u>	20,210,108 449.1135	
1,118.14	25.59	23	449.1133	22
195,6	62,8	36	143,474	
193,0	0	0	0	
26,2		4	15	
179,4		-	176,882	<b>-</b>
168,6			280,429	1
, .	0	0	0	1
40,8		23	44,693	
5,5		97	910	30
37,2			73,392	31
137,5	99 107,5	29	235,044	32
105,4	59,1	55	40,562	33
896,7	481,3	14	995,401	
0.00	0.00	00	0.0073	35
	I .	i e		1

Name of Respondent	This Report Is: (1) XAn Original	Date of Report (Mo, Da, Yr)	Year/Period of Report	t
Duke Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of	
HYDROELI	ECTRIC GENERATING PLANT STATISTICS (	Large Plants) (Continued	I)	
5. The items under Cost of Plant represent account include Purchased Power, System control 6. Report as a separate plant any plant equipped	and Load Dispatching, and Other Expenses cla	assified as "Other Power	Supply Expenses."	nses
FERC Licensed Project No. 2232 Plant Name: Wateree	FERC Licensed Project No. 2331 Plant Name: Ninety-Nine Islands	FERC Licensed Proje	ect No. 0	Line
(d)	(e)	Flant Name.	(f)	No.
Ctorogo	Run-of-Riv	ior.		1
Storage Conventional	Convention			2
1919	19			3
1919	19	10		4
56.00	12.	00	0.00	
92		18	0	
8,760	8,74	46	0	7 8
90		20	0	
85		10	0	<del> </del>
2		2	0	1
170,321,000	50,584,70	00	0	
				13
9,056,227	151,3- 1,258,4		0	
15,013,969	11,666,3		0	1
26,813,920	11,643,41		0	1
0		0	0	18
0		0	0	
51,511,552	24,719,50		0	
919.8491	2,059.96	33	0.0000	21 22
460,600	169,8	32	0	
0		0	0	1
42,863	47,9	75	0	1
164,285	101,42		0	
247,993	194,3		0	
0 56,736	17,7	0	0	
50,542	43,3		0	
81,890	113,0		0	31
507,676	279,4	37	0	
161,721	27,4		0	
1,774,306 0.0104	994,8		0.0000	
			0.0000	

Name of Respondent	This Report Is: (1) [X]An Original	Date of Report (Mo, Da, Yr)	Year/Period of Repo	
Duke Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of2017/Q4	-
HYDROELI	ECTRIC GENERATING PLANT STATISTICS (L	arge Plants) (Continued	.)	
<ul><li>The items under Cost of Plant represent according to not include Purchased Power, System control</li><li>Report as a separate plant any plant equipped</li></ul>	and Load Dispatching, and Other Expenses cla	ssified as "Other Power	Supply Expenses."	enses
FERC Licensed Project No. 2692	FERC Licensed Project No. 2698	FERC Licensed Proje	ect No. 0	Lina
Plant Name: Nantahala	Plant Name: Tennessee Creek	Plant Name:	CUNO. U	Line No.
(d)	(e)		(f)	-
				-
Storage	Storag	e.		1
Conventional	Conventiona			2
1942	195			3
1942	195	5		4
43.20	10.8	0	0.00	
51	1		C	
4,345	3,77	0	C	8
51	1	<u>1</u>	0	_
37		7		-
2		0	C	+
186,479,000	28,960,00	0	C	) 12
				13
469,013	475,71		C	
2,167,386	355,87	+	0	
10,944,994 6,807,416	4,890,49 2,545,53			
239,971	72,59			
0		0	C	
20,628,780	8,340,21	2	C	
477.5181	772.241	9	0.0000	
040 700	20.00	e		22
343,726	93,99	0	0	+
43,033		0		+
81,885	3,91		0	-
228,968	36,98		C	27
0		0	C	
163,548	3,62		C	
303,967	1,31		0	
117,622 168,071	32,51 29,44		0	
165,038	119,40			-
1,615,858	321,19		C	+
0.0087	0.011	1	0.0000	35

Name of Respondent	This Report Is: (1) XAn Original	Date of Report (Mo, Da, Yr)	Year/Period of Report	
Duke Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of	
HYDROELI	ECTRIC GENERATING PLANT STATISTICS (	Large Plants) (Continued	i)	
<ul><li>5. The items under Cost of Plant represent account of the items under Cost of Plant represent account of the items</li></ul>	and Load Dispatching, and Other Expenses cl	assified as "Other Power	Supply Expenses."	
FERC Licensed Project No. 0	FERC Licensed Project No. 0	FERC Licensed Proje	ect No. 0 Line	_
Plant Name:	Plant Name:	Plant Name:	ect No. 0 Line No.	
(d)	(e)		(f)	
				_
				1
				2
				3
0.00	0	20		4 5
0.00	0.	0		<u>-</u> 6
0		0		7
				8
0		0		9
0		0	0 10	_
0		0	0 12	
			13	
0		0	0 14	
0		0	0 15	
0		0	0 17	
0		0	0 18	
0		0	0 19	
0.0000	0.00	0	0.0000 20	
0.0000	0.00	50	22	
0		0	0 23	
0		0	0 24	
0		0	0 25	
0		0	0 27	
0		0	0 28	
0		0	0 29	
0		0	0 30	
0		0	0 32	
0		0	0 33	
0		0	0 34	
0.0000	0.00	00	0.0000 35	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	04/12/2018	2017/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.

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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	04/12/2018	2017/Q4
	FOOTNOTE DATA		

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### 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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# 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	04/12/2018	2017/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.: 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) 04/12/2018	End of2017/Q4
	DI IMPED C	`		
		TORAGE GENERATING PLANT STAT		
	rge plants and pumped storage plants of 10,000 k			
	any plant is leased, operating under a license from note. Give project number.	the Federal Energy Regulatory Comm	hission, or operated as a joi	nt facility, indicate such facts in
	note. Give project number. net peak demand for 60 minutes is not available, <u>c</u>	rive the which is available, specifying p	eriod	
I	a group of employees attends more than one gene			employees assignable to each
plant.		3 h : 3 sh : 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	ject No. 2503
No.			Plant Name:	Jocassee
	(a)			(b)
	Type of Plant Construction (Conventional or Outd	loor)		Outdoor
	Year Originally Constructed			1973
3	Year Last Unit was Installed			1975
4	Total installed cap (Gen name plate Rating in MV	V)		710
5	Net Peak Demaind on Plant-Megawatts (60 minu	tes)		778
6	Plant Hours Connect to Load While Generating			3,031
7	Net Plant Capability (in megawatts)			780
8	Average Number of Employees			9
9	Generation, Exclusive of Plant Use - Kwh			1,160,560,000
10	Energy Used for Pumping			1,410,615,000
11	Net Output for Load (line 9 - line 10) - Kwh			-250,055,000
12	Cost of Plant			
13	Land and Land Rights			5,273,013
14	Structures and Improvements			29,368,463
15	Reservoirs, Dams, and Waterways			49,709,478
16	Water Wheels, Turbines, and Generators			70,908,823
17	Accessory Electric Equipment			12,707,493
18	Miscellaneous Powerplant Equipment			3,445,715
19	Roads, Railroads, and Bridges			415,508
20	Asset Retirement Costs			110,000
21	Total cost (total 13 thru 20)			171,828,493
22	Cost per KW of installed cap (line 21 / 4)			242.0120
	Production Expenses			242.0120
24	Operation Supervision and Engineering			659,663
25	Water for Power			039,003
26	Pumped Storage Expenses			33,350
	Electric Expenses			
27	<u> </u>			886,729
28	Misc Pumped Storage Power generation Expens	ees		1,747,330
29	Rents			
30	Maintenance Supervision and Engineering			601,586
31	Maintenance of Structures			238,681
32	Maintenance of Reservoirs, Dams, and Waterwa	ys		297,177
33	Maintenance of Electric Plant			995,518
34	Maintenance of Misc Pumped Storage Plant			441,506
35	Production Exp Before Pumping Exp (24 thru 34	4)		5,901,540
36	Pumping Expenses			
37	Total Production Exp (total 35 and 36)			5,901,540
38	Expenses per KWh (line 37 / 9)			0.0051

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) 04/12/2018	End of2017/Q4
	PUMPED ST	ORAGE GENERATING PLANT STA	TISTICS (Large Plants) (Contir	ued)
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. Wheelule the company's principal source or than 10 percent of the total energy together stations and other resource tase power for pumping, give the supplements of the	When this item cannot be accurates of pumping power, the estim gy used for pumping, and products which individually provide less	ated amounts of energy from each ction expenses per net MWH as s than 10 percent of total pumping
FERC Licensed Project No.	2740	FERC Licensed Project No.	0 FERC Licensed P	roiect No 0 Line
Plant Name:		Plant Name:	0 FERC Licensed Pi Plant Name:	oject No. O Line
(c)	Dad Orcck	(d)	Flant Name.	(e)
· /		· /		
	Outdoor			1
	1991			2
	1991			3
	1,065			4
	1,398			5
	3,341			6
	1,360			7
	35			8
	2,237,281,000			9
	2,855,285,000			10
	-618,004,000			11
				12
	1,145,342			13
	228,018,939			14
	455,268,967			15
	235,645,719			16
	57,466,038			17
	28,135,649			18
	17,869,699			19
				20
	1,023,550,353			21
	961.0801			22
	4 000 000			23
	1,309,629			24
	007			25
	-937			26
	1,162,972 2,358,121			28
	2,330,121			29
	852,251			30
	297,523			31
	452,747			32
	1,420,808			33
	1,076,297			34
	8,929,411			35
	-,, 1			36
	8,929,411			37
	0.0040			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	04/12/2018	2017/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 \$98,657,287.

# 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 \$98,657,287.

Name	e of Respondent	This Report	t Is: n Original	Date of Re	Date of Report (Mo, Da, Yr) Year/Period of Report 2017/04				
Duke	Energy Carolinas, LLC		Resubmission	04/12/201		nd of 2017/Q4			
	G		PLANT STATISTIC		<u> </u>				
1. Sr	nall generating plants are steam plants of, less tha	ın 25,000 Kw	; internal combustio	n and gas turbine-pla	ants, conventional	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	te. 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 Excluding	Cost of Plant			
No.		Const.	(In MW)	MW (60 min.) (d)	Excluding Plant Use	(4)			
1	(a) HYDRO PLANTS:	(b)	(c)	(a)	(e)	(f)			
	Bear Creek - Project 2698	1054	0.00	10.0	1 220 00	11 222 002			
	•	1954	9.00	10.0	1,229,00				
	Bryson - Project 2601	1925		1.0					
	Cedar Cliff - Project 2698	1952		7.0	15,207,00				
	Franklin - Project 2603	1925		1.0	3,043,90				
	Gaston Shoals - Project 2332	1908		5.0	5,789,01				
	Missions - Project 2619	1924		2.0	3,640,00				
	Queen's Creek - Project 2694	1949		2.0	2,822,00				
9	Tuckasegee - Project 2686	1950	3.00	3.0	4,188,00	0 3,772,932			
10	Tuxedo	1920	5.00	8.0	14,694,00	0 10,916,239			
11									
12									
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Name of Respondent		This Report	Is:	Date	e of Report , Da, Yr)	Year/Period of Report		
Duke Energy Carolinas		(2) A F	Original Resubmission	04/1	12/2018	End of		
			T STATISTICS (Small Pla					
Page 403. 4. If net pe combinations of steam,	ely under subheadings for ste eak demand for 60 minutes is hydro internal combustion or g eam turbine regenerative feed	not available, g as turbine equi	ive the which is available ipment, report each as a	e, specify separate	ing period. 5. If a plant. However, if	any plant is equipped with the exhaust heat from the		
Plant Cost (Incl Asset	Operation	Prod	luction Expenses			Fuel Costs (in cents		
Retire. Costs) Per MW	Exc'l. Fuel	Fuel	Maintenand	ce	Kind of Fuel	(per Million Btu)	Line No.	
(g)	(h)	(i)	(j)		(k)	(I)	INO.	
							1	
1,258,220	111,209		1	110,681			2	
6,547,000	101,332			93,402			3	
1,130,340	68,528			64,690			4	
8,141,009	67,524			68,924			5	
3,835,848	458,291			462,643			6	
4,503,971	149,364			374,622			7	
941,799	50,716			223,521			8	
	110,973							
1,257,644				131,434			9	
2,183,248	177,686			229,292			10	
							11	
							12	
							13	
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							16	
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				+			37	
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				+			$\vdash$	
				+			40	
							41	
							42	
							43	
							44	
							45	
							46	

	e or Respondent e Energy Carolinas, LLC	` '	n Original	1)	Mo, Da, Yr)		d of 2017/0	
		` ' L	Resubmission MISSION LINE		4/12/2018			_
kilovo 2. Tr	Its or greater. Report transmi ansmission lines include all lin	ransmission lines, cost of lines, a ssion lines below these voltages les covered by the definition of tra	nd expenses for in group totals o	year. List each	tage.	· ·	· ·	
3. Ref 4. Ex 5. Ind or (4) by the remain	cclude from this page any trans dicate whether the type of sup underground construction If a e use of brackets and extra lin- inder of the line.	or all voltages if so required by a smission lines for which plant cosporting structure reported in colustransmission line has more than es. Minor portions of a transmisse total pole miles of each transmisse	ets are included in mn (e) is: (1) sin one type of suption line of a different	n Account 121, ngle pole wood o porting structure erent type of cor	or steel; (2) H- e, indicate the estruction nee	frame wood, o mileage of eac d not be disting	ch type of constru guished from the	uction
pole r	miles of line on leased or partly ect to such structures are inclu	nversely, show in column (g) the y owned structures in column (g) ded in the expenses reported for	. In a footnote, e the line designa	explain the basis ted.		pancy and stat	e whether exper	
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 ound lines cuit miles)	Number Of
	From (a)	To (b)	Operating (c)	Designed (d)	Structure (e)	On 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	Cliffside Tie	525.00	525.00		70.57		1
	McGuire SW MCGuire SW	Antioch Tie	525.00 525.00	525.00 525.00		54.83 29.96		1
	Newport Tie	Woodleaf Switching	525.00	525.00		48.33		1
_	Newport Tie	Progress Energy Rockingham  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	vvoodicai owitoriirig	r leasant Garden 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
	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  Beckerdite Tie	230.00 230.00	230.00 230.00		3.87 23.76		2
	Buck Tie Catawba Nuclear	Newport Tie	230.00		Tower & Pole	10.38		Z
	Catawba Nuclear  Catawba Nuclear	Pacolet Tie	230.00	230.00		41.01		2
	Catawba Nuclear	Peacock Tie	230.00	230.00		14.90		2
	Catawba Nuclear	Ripp Switching Station	230.00	230.00		24.32		2
36					TOTAL	8,242.91	43.89	2,430

	e Energy Carolinas, LLC	, ,	n Original Resubmission	1)	Mo, Da, Yr) 4/12/2018		d of2017/0	
		` '	MISSION LINE		17 12/2010			
kilovo 2. Tr subst 3. Re 4. Ex 5. Inc	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 trans dicate whether the type of supp	r all voltages if so required by a mission lines for which plant cos porting structure reported in colu	in group totals of ansmission syste State commission ats are included in mn (e) is: (1) sin	nly for each volim plant as given.  n. n Account 121, gle pole wood o	tage. n in the Unifor Nonutility Propor steel; (2) H-	rm System of A perty. frame wood, o	accounts. Do no	t report
by the rema 6. Re report pole i	e use of brackets and extra line inder of the line. eport in columns (f) and (g) the ted for the line designated; con miles of line on leased or partly	transmission line has more than es. Minor portions of a transmiss total pole miles of each transmis versely, show in column (g) the owned structures in column (g) led in the expenses reported for	sion line of a differ ssion line. Show pole miles of line . In a footnote, e	in column (f) the on structures to a splain the basis	nstruction need ne pole miles on the cost of whi	d not be disting of line on struct ch is reported	guished from the ures the cost of for another line.	which is Report
Line No.	DESIGNATI	ON	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)	On Structure of Line Designated (f)	On Structures of Another Line (g)	Circuits (h)
1	Central Tie	Anderson Tie	230.00	230.00	Tower	23.21	, C,	2
2	Cliffside Steam	Pacolet Tie	230.00	230.00	Tower	23.19		2
3	Cliffside Steam	Shelby Tie	230.00	230.00	Tower	14.09		2
4	Cowans Ford Hydro	McGuire Switching	230.00	230.00	Tower	1.67		2
5	East Durham Tie	Parkwood Tie	230.00	230.00		19.31		2
6	Eno Tap Bent	Progress Energy (Roxboro)	230.00	230.00		13.86		2
7	Eno Tap Bent	East Durham Tie	230.00	230.00		15.77		2
8	Ernest Switching Station	Sadler Tie	230.00	230.00		12.54		2
-	Harrisburg Tie	Oakboro Tie	230.00	230.00		21.38		2
10	Hartwell Hydro	Anderson Tie	230.00	230.00		11.97		2
	Jocassee Switching	Shiloh Switching	230.00	230.00		22.33		2
12	Jocassee Switching	Tuckasegee Tie	230.00	230.00		26.71		2
$\vdash$	Lakewood Tie	Riverbend Steam	230.00	230.00		10.64		2
	Lincoln CT	Longview Tie	230.00	230.00		30.96		2
	Longview Tie	McDowell Tie	230.00	230.00		31.69		2
	Marshall Steam	Beckerdite Tie	230.00	230.00		52.47		2
	Marshall Steam	Longview Tie	230.00	230.00		28.91		2
	Marshall Steam	McGuire Switching	230.00	230.00		13.84		2
	Marshall Steam	Stamey Tie	230.00	230.00		13.55		2
	Marshall Steam	Winecoff Tie	230.00	230.00		24.28		2
-	McGuire Switching	Harrisburg Tie	230.00	230.00		36.19		4
	Mitchell River Tie	Antioch Tie	230.00		Tower & Pole	16.82		2
	Mitchell River Tie	Rural Hall Tie	230.00	230.00		26.61		2
	Morningstar Tie	Oakboro Tie	230.00	230.00		32.50		1
	North Greenville Tie	Central Tie	230.00		Tower & Pole	26.16		2
	North Greenville Tie	Shiloh Switching	230.00 230.00	230.00	Tower & Pole	8.99 33.47		2
	Newport Tie	Morningstar Tie	230.00	230.00		45.63		1
-	Newport Tie Oakboro Tie	SCE&G (Parr) Progress Energy Rockingham	230.00	230.00		5.14		1
	Oconee Nuclear	Central Tie	230.00	230.00		17.62		1
-	Oconee Nuclear	Jocassee Switching	230.00		Tower & Pole	12.36		2
	Oconee Nuclear	North Greenville Tie	230.00		Tower & Pole	29.09		2
	Pacolet Tie	Tiger Tie	230.00	230.00		27.86		2
	Peach Valley Tie	Tiger Tie	230.00	230.00		15.59		2
-	Pisgah Tie	Progress Energy Skyland Stm	230.00	230.00		14.48		2
36					TOTAL	8,242.91	43.89	2,430

Commission   Com		e of Respondent		This Repo	ort Is: An Original			ate of Report lo, Da, Yr)		ear/Period of Rep and of 2017/0	I
1. Report information concerning transmission lines, cost of lines, and expenses for year. List each transmission line having normal voltage of 132 silkools or greater. Report transmission lines below these configers in group to voltage.  2. Transmission lines included all lines covered by the definition of transmission system plant as given in the Uniform System of Accounts. Do not report substation notes and expenses on this page.  3. Report data by individual lines for all voltages if so required by a Sixte commission.  4. Exclude from this page any transmission lines for which pain closes are included in Account 121, Nonutility Property.  5. Indicate whether the byse of ossiporting structure reported in column (e) is: (1) single pole wood or steet; (2) H-frame wood, or steet poles; (3) tower; (4) underground conspise of supporting structure reported in column (e) is: (1) single pole wood or steet; (2) H-frame wood, or steet poles; (3) tower; (4) underground conspise of supporting structure in contract the contract of the intervent in the steet of the page of supporting structures in contract the contract in the steet of the page of each type of construction and steet of the page of each type of construction where the contract in the steet of the page of each type of construction and steet of the page of each type of construction and steet of the page of each type of construction and steet of the steet in the steet of the steet in the steet of the line designated.  Line Report in column (g) the page of the steet in the steet of the steet in the steet of the line designated.  Line Report in column (g) the page of the one structures the cost of which is reported for another line. Report of the line designated.  Line DESKINATION (t) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Duke	e Energy Carolinas, LLC		` '				4/12/2018		110 01	
Stroyte   Stro			•						•		
reported for the line designated; conversely, show in column (g) the pole miles of line on structures the cost of which is reported for another line. Report pole miles of line on leased or partly womed structures in column (g). In a footnote, explain the basis of such occupancy and state whether expenses with respect to such structures are included in the expenses reported for the line designated.    Common	kilovo 2. Tr subst 3. Re 4. Ex 5. In or (4) by the	olts or greater. Report transmissionsmission lines include all line tation costs and expenses on the eport data by individual lines for kelude from this page any transificate whether the type of supply underground construction If a tell use of brackets and extra lines	sion lines below them is covered by the demonstrated is page.  If all voltages if so recommended in the structure reportant in the structure reportans mission line has	se voltage finition of t quired by a ch plant co orted in col s more tha	s in group totals of transmission systems.  State commission systems are included to the transmission in the transmission systems.	only for each em plant as on. in Account 1 ngle pole wo porting stru	n volt give 121, cod c	n in the Unifo  Nonutility Pro  or steel; (2) H-  in indicate the	rm System of pertyframe wood, mileage of ea	Accounts. Do not present the poles; (3) chapter of constructions.	tower;
DESIGNATION	6. Re	eport in columns (f) and (g) the	•				` '	•			
DESIGNATION	-	_									
Line   No.   Observed   Properties   Prope							Jasis	o or such occu	ipancy and sid	ite whether exper	ises with
From (a)	·				-						
From (a)											
From (a)		DESIGNATIO	ON		I (Indicate where	/) e		Type of	LENGTH (In the underg	I (Pole miles) e case of round lines	Number
(a) (b) (c) (d) (d) (e) (e) (e) (g) (h) (h) (1) (l) (g) (h) (l) (l) (l) (l) (l) (l) (l) (l) (l) (l			Τ			ase)		Supporting			
Pleasant CardenTie					, ,	_	ed			of Another Line	Circuits
2 Ripp Switching		. ,	` ′		, ,	` '		` '	(f)		
3 Ripp Switching											2
4   Riverbend Steam			,	9							2 2
S. Riverbend Steam			,			_					2
Riverbend Steam											2
7   Riverview Switching			, and the second								2
Shady Grove Tap									19.2	0	2
10   Shilon Switching					230.00	23	30.00	Tower	17.7	4	1
11   Shiloh Switching   Tiger Tie   230.00   230.00   Tower   21.31   12   Stamey Tie   Mitchell River Tie   230.00   230.00   Tower   36.15   13   Tiger Tie   North Greenville Tie   230.00   230.00   Tower   18.29   14   Wincoff Tie   Buck Tie   230.00   230.00   Tower   18.29   15   15   15   16   TOTAL 230 KV LINES   1.394.24   13   17   18   Fontana (TVA)   Nantahala Hydro   161.00   161.00   Tower   18.48   18   Nantahala Hydro   Webster Tie   161.00   161.00   Tower   12.63   12.99   12.00   Nantahala Hydro   Marble Tie   161.00   161.00   Tower   12.63   12.99   12.20   Nantahala Hydro   Robbinsville Substation   161.00   161.00   Tower   0.03   8.12   12.22   Santeetlah   Robbinsville Substation   161.00   161.00   Tower   0.44   10.23   12.23   Tuckasegee Tie   Thorpe Hydro   161.00   161.00   Tower   0.44   10.23   12.25   Webster Tie   Usets Mill Tie   161.00   161.00   Tower   10.44   12.55   12.25   Webster Tie   Lake Emory Tie   161.00   161.00   Tower   10.44   12.55   12.25   Webster Tie   Lake Emory Tie   161.00   161.00   Tower   10.44   12.55   12.2	9	Shady Grove Tap	Shady Grove Tie		230.00	23	30.00	Tower	7.7	9	2
12   Stamey Tie	10	Shiloh Switching	Pisgah Tie		230.00	23	30.00	Tower	21.9	6	2
13   Tiger Tie	11	Shiloh Switching	Tiger Tie		230.00				21.3	1	2
14   Winecoff Tie		•									2
15		_ •		e							2
10   TOTAL 230 KV LINES   1,394.24   133   138.04   149.07   161.00   161			Buck Tie		230.00	23	30.00	Tower	24.0	9	2
17									1 304 2	4	135
18   Fontana (TVA)   Nantahala Hydro   161.00   161.00   Tower   18.48   19   Nantahala Hydro   Webster Tie   161.00   161.00   Tower   12.63   12.99   12.99   12.90   Nantahala Hydro   Marble Tie   161.00   161.00   Pole   16.80   12.90   168.00   12.90   168.00   161.00   Nantahala Hydro   Robbinsville Substation   161.00   161.00   Tower   0.03   8.12   12.20   161.00   Tower   0.44   10.23   10.23   10.23   10.24   10.23   10.24   10.23   10.24   10.23   10.24   10.24   10.25		TOTAL 230 KV LINES							1,004.2	7	100
19 Nantahala Hydro		Fontana (TVA)	Nantahala Hvdro		161.00	16	31.00	Tower	18.4	8	1
21 Nantahala Hydro   Robbinsville Substation   161.00   161.00   Tower   0.03   8.12			-		161.00	16	31.00	Tower	12.6	3 12.99	1
22   Santeetlah   Robbinsville Substation   161.00   Tower   0.44   10.23	20	Nantahala Hydro	Marble Tie		161.00	16	31.00	Pole	16.8	0	2
23 Tuckasegee Tie Thorpe Hydro 161.00 161.00 Tower & Pole 3.17 24 Tuckasegee Tie Wests Mill Tie 161.00 161.00 Tower 10.44 12.55 25 Webster Tie Lake Emory Tie 161.00 161.00 Pole 12.71 26 Wests Mill Tie Lake Emory Tie 161.00 161.00 Pole 6.71 27 Wests Mill Tie Nantahala Hydro 161.00 161.00 Tower 12.98 28 Wests Mill Tie Swain Tie 161.00 161.00 Tower 20.24 29 100 Tower & Pole 12.34 29 100 River Steam Appalachian Power (Fieldale 138.00 138.00 Tower & Pole 6.50 131 15 KV Lines 100 KV Lines 100.00 Tower & Pole 54.93 100 KV Lines 100 KV Lines 100.00 Tower 746.05 23. 35 100 KV Lines 100 KV Lines 100.00 Tower 746.05 24.	21	Nantahala Hydro	Robbinsville Substa	ation	161.00	16	31.00	Tower	0.0	3 8.12	1
24 Tuckasegee Tie         Wests Mill Tie         161.00         161.00 Tower         10.44         12.55           25 Webster Tie         Lake Emory Tie         161.00         161.00 Pole         12.71         161.00 Pole         12.71         161.00 Pole         161.01         161.00 Pole         6.71         161.00 Pole         161.00 P				ation		·					1
25   Webster Tie   Lake Emory Tie   161.00   161.00   Pole   12.71											1
26   Wests Mill Tie   Lake Emory Tie   161.00   161.00   Pole   6.71											1
27   Wests Mill Tie   Nantahala Hydro   161.00   161.00   Tower   12.98											1
28 Wests Mill Tie Swain Tie 161.00 161.00 Tower & Pole 12.34  29			,								1
29			-								1
31									1-1-		
32 Dan River Steam         Appalachian Power (Fieldale         138.00         138.00         Tower & Pole         6.50           33 115 KV Lines         115.00         115.00         Tower & Pole         54.93         54.93           34 100 KV Lines         100.00         100.00         Tower         746.05         23.00           35 100 KV Lines         100.00         100.00         Pole         188.70         24.00		TOTAL 161 KV LINES							106.7	3 43.89	12
33 115 KV Lines 115.00 115.00 Tower & Pole 54.93 34 100 KV Lines 100.00 100.00 Tower 746.05 233 35 100 KV Lines 100.00 100.00 Pole 188.70 243	31										
34         100 KV Lines         100.00         100.00         Tower         746.05         23           35         100 KV Lines         100.00         Pole         188.70         24			Appalachian Power	(Fieldale							1
35 100 KV Lines 100.00 100.00 Pole 188.70 24.											5
											235
36 TOTAL 8,242.91 43.89 2,430	35	100 KV Lines			100.00	10	0.00	Pole	100.7	U	245
36 TOTAL 8,242.91 43.89 2,430											
	36							TOTAL	8,242.9	1 43.89	2,430

	e of Respondent		This (1)	Repor	t Is: n Original		D (I	ate of Report Mo, Da, Yr)		ear/Period of Rep	
Duk	e Energy Carolinas, LLC		(2)		Resubmission		•	4/12/2018	Er	nd of2017/0	<del>4</del>
			T	RANS	MISSION LINE	STATISTIC	CS				
kilove 2. Ti subs	eport information concerning tra olts or greater. Report transmis ransmission lines include all line tation costs and expenses on the eport data by individual lines for	sion lines below the descovered by the desired by t	ese vo efinitio	tages n of tra	in group totals o	only for eac em plant as	h vol	tage.		-	
4. E: 5. In or (4)	kclude from this page any transi dicate whether the type of supp underground construction If a	mission lines for whorting structure reptransmission line ha	ich pla orted i as mor	ant cos n colu e than	ets are included mn (e) is: (1) sin one type of sup	in Account ngle pole w porting stru	ood o	or steel; (2) H- e, indicate the	frame wood, of mileage of ear	ch type of constr	uction
rema	e use of brackets and extra line inder of the line.									-	
	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 colur	nn (g).	In a footnote,	explain the					
I to a	DESIGNATIO	ON.			VOLTAGE (K\	Λ		Γ	LENCTH	(Pole miles)	<u> </u>
Line No.	BEGIGNATIO				(Indicate when other than 60 cycle, 3 pha	e		Type of Supporting	(In the undergr report cii	case of ound lines rcuit miles)	Number Of
	From (a)	To (b)			Operating (c)	Designo (d)	ed	Structure (e)	On Structure of Line Designated	On Structures of Another Line (g)	Circuits (h)
1	` ,	\			100.00		00.00	Underground	(†) 5.47		7
2	100 kV Lines				100.00			Tower & Pole	2,616.40	+	399
3	TOTAL 100 - 138 KV LINES								3,618.0	5	892
4											
5	66 KV Lines				66.00		66.00		101.01		25
6	66 KV Lines				66.00		66.00	Tower & Pole	4.56	6	3
7									405.5		
8	TOTAL 66 KV LINES								105.57	/	28
	44 KV Lines				44.00		44.00	Tower	0.14	1	8
11	44 KV Lines				44.00		44.00	Pole	1,408.48	3	1,038
12	44 KV Lines				44.00		44.00	Underground	7.39	9	15
13	44 kV Lines				44.00		44.00	Tower & Pole	933.35	5	193
	TOTAL 44 KV LINES								2,349.36	5	1,254
15	22 1/1/1 in an				22.00		22.00	Tower & Pole	16.00		4
	33 KV Lines 24 KV Lines				33.00 24.00			Tower & Pole	16.02 49.36		35
	24 KV Lines				24.00			Underground	0.95		2
	4 to 12 KV Lines				12.00			Tower & Pole	26.4		52
	4 to 12 KV Lines				12.00			Underground	0.24		2
21								-			
22	TOTAL 4-33 KV LINES								92.98	3	95
23											
24											
25 26											
27											
28											
29											
30											
31											
32											
33											
34											
35											
36								TOTAL	8,242.9	1 43.89	2,430

Name of Respond			This Report Is: (1) X An Ori	ginal	Date of Repo (Mo, Da, Yr)	ort	Year/P End of	eriod of Report 2017/Q4	
Duke Energy Car	rolinas, LLC		` '	ubmission	04/12/2018		Liid Oi		
7 Do not report t	ha aama tranami	asian lina atrustura		LINE STATISTICS (	•	22 22 222	line Design	nata in a faatnat	o if
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. Specific pole party is a page 1.	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 voling column (f) and the corportion thereof is of Lease, and amile owner but which is (details) of such mexpenses borne by any.  The leased to another see is an associated	tage lines. If two one pole miles of the for which the respondent operatters as percent or the respondent are company and give company.	ver voltage Lines and or more transmission to other line(s) in colu- ordent is not the sole ar. For any transmis- erates or shares in the ownership by respon- re accounted for, and name of Lessee, day a cost at end of year.	line structures sup mn (g) e owner. If such pro- sion line other than ne operation of, fun dent in the line, nan diaccounts affected te and terms of lea	port lines of operty is less a leased nish a sucome of co-of. Specify	eased from line, or port cinct staten owner, basis whether les	another compar tion thereof, for nent explaining t s of sharing ssor, co-owner, o	the ny, the
Size of		E (Include in Colum	,	EXPEN	ISES, EXCEPT DE	PRECIAT	TON AND T	TAXES	
Conductor	Land	Construction and	Total Cost	Operation	Maintenance	Ren	te	Total	┨
and Material		Other Costs		Expenses	Expenses			Expenses	Line No.
(i)	(j)	(k)	(I)	(m)	(n)	(0)		(p)	
2 <b>515</b> 2515									2
2515									3
2515									4
2515									5
2515									6
2515									7
2515									8
2515									9
2515									10
2515									11
2515									12
2515									13
2515									14
	20,656,136	106,928,868	127,585,004						15
	20,656,136	106,928,868	127,585,004						16
									17
1272									18
1272									19
954 & 1272									20
2156									21
954									22
954									23
2156									24
954									25
1272									26
2156									27
2156									28
2156 2156									29
954									30
1272									32
954				+					33
1272				+					34
1272									35
	178,391,379	1,803,928,976	1,982,320,355	1,068,110	15,868,015			16,936,12	5 36

Name of Respond			This Report Is:	iginal	Date of Report (Mo, Da, Yr)		Year/Period of Report End of 2017/Q4	
Duke Energy Car	rolinas, LLC		(2) A Res	ubmission	04/12/2018			
7.5				LINE STATISTICS (			D :	
you do not include pole miles of the party is an applicable miles of the party is an applicable miles of the Lagrangement and expenses of the Lagrangement and 9. Designate any determined. Special pole miles of the party is an applicable miles of	e Lower voltage le primary structure transmission line or, date and term dent is not the so giving particulars line, and how the associated compa- transmission line cify whether less	lines with higher volt in column (f) and the e or portion thereof the ns of Lease, and ame ble owner but which is (details) of such me e expenses borne by any. e leased to another ee is an associated	age lines. If two one pole miles of the for which the respondent operatters as percent of the respondent and company and give company.	or more transmission to other line(s) in colur condent is not the sole ar. For any transmissi erates or shares in the connership by responder	line structures suppo nn (g) owner. If such prop- sion line other than a se operation of, furnis dent in the line, name l accounts affected.	ert lines of the erty is lease leased line, tha succinc e of co-owne Specify whe	ether lessor, co-owner,	the ny, the
Size of		E (Include in Colum and clearing right-of	٠,	EXPEN	SES, EXCEPT DEPI	RECIATION	AND TAXES	
Conductor and Material	Land	Construction and Other Costs	Total Cost	Operation Expenses	Maintenance Expenses	Rents (o)	Total Expenses	Line No.
(i) 954	(j)	(k)	(1)	(m)	(n)	(0)	(p)	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 954								21
954								22
954								24
954		+						25
954		+						26
954					+			27
954								28
954								29
1272								30
2156								31
1272								32
954								33
795								34
954								35
	178,391,379	1,803,928,976	1,982,320,355	1,068,110	15,868,015		16,936,12	5 36

Name of Respond			This Report Is:	ginal	Date of Report (Mo, Da, Yr)	t	Year/Period of 2	f Report 017/Q4	
Duke Energy Car	olinas, LLC		` '	ubmission	04/12/2018				
7. De met nement ti	h	aniam lima atmostrati		LINE STATISTICS (			ina. Danimanta in	- ftt-	: <b>c</b>
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 lip orimary structure is transmission line or, date and term dent is not the sol giving particulars ine, and how the associated compa transmission line cify whether lesse	nes with higher volt in column (f) and the e or portion thereof f s of Lease, and am e owner but which the (details) of such m expenses borne by any. e leased to another 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 voltage Lines and r more transmission other line(s) in colur ondent is not the sole ar. For any transmisserates or shares in the ownership by responder accounted for, and name of Lessee, das cost at end of year.	line structures support (g) e owner. If such prosion line other than the operation of, furn dent in the line, named accounts affected.	perty is le a leased l ish a succ ne of co-or Specify	of the same voltage eased from another line, or portion the cinct statement ex wner, basis of sha whether lessor, co	er company ereof, for plaining the aring o-owner, o	he y, ne
Size of		E (Include in Columi	3,	EXPEN	ISES, EXCEPT DEI	PRECIAT	ION AND TAXES		
Conductor –	Land	Construction and	Total Cost	Operation	Maintenance	Rent	s To	otal	1 :
and Material (i)	(j)	Other Costs (k)	(I)	Expenses (m)	Expenses (n)	(0)	Expe	enses o)	Line No.
954	U)	(K)	(1)	(111)	(11)	(-)	()	5)	1
795									2
954									3
795									4
1272									5
795									6
795 954									7
2515									9
954									10
1272									11
954									12
954									13
954									14
	41,393,709	274,984,540	316,378,249						15
	41,393,709	274,984,540	316,378,249						16
									17
795									18
795 795									19
795									20
795									22
397.5									23
795									24
636									25
795									26
795									27
954	0.700.700	444 400 041	444.000.400						28
	3,736,539 3,736,539	111,186,644 111,186,644	114,923,183						29
	3,130,539	111,100,044	114,923,183						30 31
177									32
									33
									34
									35
	178,391,379	1,803,928,976	1,982,320,355	1,068,110	15,868,015			16,936,125	36

Name of Respondent  Duke Energy Carolinas, LLC			This Report Is: (1) X An Ori	•	Date of Repo (Mo, Da, Yr)	rt	Year/Pe End of	eriod of Report 2017/Q4	
Duke Lileigy Cai	Olirias, ELO		` '   <b> </b>	ubmission LINE STATISTICS (	04/12/2018				
you do not include pole miles of the p	Lower voltage li primary structure	ines with higher volt in column (f) and th	twice. Report Low age lines. If two o e pole miles of the	er voltage Lines and r more transmission other line(s) in colur	higher voltage line line structures supp nn (g)	oort lines o	of the same	voltage, report	the
give name of lesson which the respond arrangement and	or, date and term dent is not the sol giving particulars ine, and how the	ns of Lease, and am le owner but which to s (details) of such m e expenses borne by	ount of rent for yea the respondent ope atters as percent o	andent is not the sole ar. For any transmiss erates or shares in the ownership by respond re accounted for, and	sion line other than se operation of, furr dent in the line, nan	a leased nish a succ ne of co-o	line, or porti cinct statem wner, basis	ion thereof, for ent explaining the of sharing	he
<ol><li>Designate any determined. Spec</li></ol>	transmission line	e leased to another ee is an associated	company.	name of Lessee, da	te and terms of lea	se, annual	I rent for yea	ar, and how	
Size of		E (Include in Colum and clearing right-of	٠,	EXPEN	SES, EXCEPT DE	PRECIAT	ION AND T	AXES	
Conductor and Material (i)	Land (j)	Construction and Other Costs (k)	Total Cost (I)	Operation Expenses (m)	Maintenance Expenses (n)	Rent	s	Total Expenses (p)	Line No.
	76,790,048	888,517,198	965,307,246						1 2
	76,790,048	1 1	965,307,246						3
									4
									5 6
	5,793,848	38,065,793	43,859,641						7
	5,793,848	38,065,793	43,859,641						8
									10
									11
	20 504 504	270 240 040	405.040.504						12
	29,591,521 29.591.521		405,910,561 405,910,561						13 14
	20,001,021	0.0,0.0,0.0							15
									16
									17 18
									19
									20
	429,578		8,356,471						21
	429,578	7,926,893	8,356,471						22
									24
									25
									26
									27 28
									29
									30
									31
									32
									34
				1,068,110	15,868,015			16,936,125	
	178,391,379	1,803,928,976	1,982,320,355	1,068,110	15,868,015			16,936,125	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	04/12/2018	2017/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.

Name of Respondent  Duke Energy Carolinas, LLC			This Report Is: (1) X An Original (2) A Resubmission				of Report Da, Yr)	Year/Period of Report End of2017/Q4		
		<u> </u>	` '	SION LINES ADDED DURING YEAR			/2018			
1 D	eport below the information							is not necessa	ry to report	
	or revisions of lines.	called for concern	iiig rialis		added of a	aitereu uu	illig tile year. It	is not necessa	ry to report	
	rovide separate subheading	s for overhead an	d under- g	round const	ruction and	show eac	ch transmission	line separately.	If actual	
	s of competed construction a		_							
Line	LINE DES	SIGNATION		Line	SUPP	ORTING S	TRUCTURE	CIRCUITS PE	R STRUCTUR	
No.	From	То		Line Length in	Тур	ре	Average Number per	Present	Ultimate	
	(a)	(b)		Miles (c)	(d	`	Miles (e)	(f)	(g)	
1	Overhead New Lines	(6)		(0)	(u	,	(6)	(1)	(9)	
2	Sun City Retail Tap			0.11	Poles		27.3	0 1	1	
	Monroe Solar Tap				Poles		20.5		1	
4	Dixon School Rd Sw Sta Svc				Poles		23.5		1	
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15	Major Rebuilds / Removals									
16	Victor Hill Tap 44 to 100 conv				Towers		7.3	0 1	1	
17	Dixon School Rd Sw Sta			0.06	Towers		50.0	0 2	2	
	Stonewater Tie (line relocate)	Conley Switching S	Station		Towers		13.0	0 2	2	
	,	Lincolnton Tie			Towers		11.3	0 2	2	
	Stonewater Tie (line relocate)	Westfork Switching	Station	0.27	Towers		11.0	0 2	2	
21										
22										
23										
24										
25										
26								-		
27										
28										
29								+		
30 31										
32								1		
33								1		
34								+		
35								+		
36										
37										
38								<u> </u>		
39										
40								1		
41								1		
42										
43										
44	TOTAL			4.86			163.9	0 12	12	

	Name of Respondent			eport Is: ∏An Original		Date of Report (Mo, Da, Yr)		Year/Period of Report End of 2017/Q4		
Duke Ene	ergy Carolinas, LLC		(2)	A Resubmission		04/12/2018	Eı	End of		
				N LINES ADDE						
		er, if estimated am opropriate footnote					ights-of-Way	and Roads and		
		s from operating v		_			her than 60 c	vcle 3 nhase		
	such other charac		onago, maioat	c dudit lade by	iooti ioto, aioo	Wilere line to ot		yolo, o pridoo,		
	CONDUCT		1 1			LINE CC	)ST			
Size	Specification		- Voltage . KV	Land and	Poles, Towers	Conductors	Asset	Total	Line No.	
	•	Configuration and Spacing	(Operating) (k)	Land Rights	and Fixtures	and Devices	Retire. Costs		140.	
(h)	(i)	(j)	(K)	(I) <sup>3</sup>	(m)	(n)	(0)	(p)	1	
556	ACSR		100		184,13	7 75,552		259,689	2	
556	ACSR		100		122,33			293,545		
556	ACSR		44		36,79			51,959	4	
	7.00.1		1		30,10	10,101		0.,000	5	
									6	
									7	
									8	
									9	
									10	
									11	
									12	
									13	
									14	
									15	
556	ACSR		100			458,450	25,33	483,785	16	
795	ACSR	Dbl horiz	230		1,665,64			2,293,509	17	
1272	ACSR		100		348,75		117,48		18	
795	ACSS/TW		100		520,15	4 68,660	74:	589,556	19	
477	ACSR	Dbl horiz	100		865,583	2 301,470	51,99	1,219,049	20	
									21	
									22	
									23	
									24	
									25	
									26	
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									34	
									35	
									36	
									37	
									38	
									39	
									40	
									41	
									42	
									43	
I										
			1		3,743,40	1 1,889,262	195,56	5,828,225	44	

	e of Respondent	This Rep	oort Is:  An Original	Date of Report (Mo, Da, Yr)	Year/Period o	•
Duke	e Energy Carolinas, LLC	, ,	A Resubmission	04/12/2018	End of 2	2017/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 rai Va excep obstations of each s	lway customer should no t those serving customers must be shown. substation, designating wh	t be listed below. s with energy for resale	, may be grouped	nether
Line					VOLTAGE (In M	Va)
No.	Name and Location of Substation		Character of Sub	Primar	-	Tertiary
1	(a) ABBOTTS CREEK TIE LEXINGTON NC		(b)	(c)	(d) 0.00 44.00	(e)
	ABBOTTS CREEK TIE LEXINGTON NC		TRANS		0.00 44.00	
3			TRANS		0.00 44.00	
4			TRANS		4.00 0.20	
	ACREROCK TIE DALLAS NC		TRANS		4.00 6.90	
	ACREROCK TIE DALLAS NC		TRANS		4.00 6.90	
7			TRANS		4.00 6.90	
	ACREROCK TIE DALLAS NC		TRANS		4.00 6.90	
	ACREROCK TIE DALLAS NC		TRANS		0.00 44.00	
	ACREROCK TIE DALLAS NC		TRANS		0.00 44.00	
	ACREROCK TIE DALLAS NC		TRANS		4.00 0.20	
	ADVANCE RET ADVANCE NC		DIST		0.00 13.00	
	ADVANCE RET ADVANCE NC		DIST		0.00 13.00	
	ALBEMARLE CITY DEL 2 ALBEMARLE NC		DIST		0.00 24.00	
	ALBEMARLE CITY DEL 2 ALBEMARLE NC		DIST		0.00 24.00	
	ALBEMARLE SW STA ALBEMARLE NC		DIST		0.00 13.00	
	ALBEMARLE SW STA ALBEMARLE NC		DIST		0.00 13.00	
	ALBEMARLE SW STA ALBEMARLE NC		DIST		0.00 13.00	
	ALBEMARLE SW STA ALBEMARLE NC		DIST		0.00 13.00	
	ALBEMARLE SW STA ALBEMARLE NC		DIST		0.00 13.00	
	ALBEMARLE SW STA ALBEMARLE NC		DIST		0.00 13.00	
-	ALBEMARLE SW STA ALBEMARLE NC		DIST		0.00 13.00	
	ALLEN STEAM PL BELMONT NC		TRANS		0.00 100.00	
	ALLEN STEAM PL BELMONT NC		TRANS		0.00 24.00	
	ALLEN STEAM PL BELMONT NC		TRANS		0.00 24.00	
	ALLEN STEAM PL BELMONT NC		TRANS		0.00 100.00	
	ALLEN STEAM PL BELMONT NC		TRANS		0.00 13.00	
	ALLEN STEAM PL BELMONT NC		TRANS		0.00 13.00	
	ALLEN STEAM PL BELMONT NC		TRANS		0.00 13.00	
	ALLEN STEAM PL BELMONT NC		TRANS		0.00 15.00	
	ALLEN STEAM PL BELMONT NC		TRANS		0.00 13.00	
	ANDERSON TIE STARR SC		TRANS		0.00 100.00	
	ANDERSON TIE STARR SC		TRANS		0.00 100.00	
	ANDERSON TIE STARR SC		TRANS		0.00 44.00	
	ANDERSON TIE STARR SC		TRANS		0.00 100.00	
	ANDERSON TIE STARR SC		TRANS		4.00 2.40	
	ANDERSON TIE STARR SC		TRANS		4.00 2.40	
	ANDERSON TIE STARR SC		TRANS		4.00 2.40	
	ANDERSON TIE STARR SC		TRANS		4.00	
	ANDERSON TIE STARR SC		TRANS		4.00 0.40	<u> </u>
	<u> </u>					1

	e of Respondent	This Rep	ort Is: An Original	Date of Report (Mo, Da, Yr)	Year/Period o	•
Duke	e Energy Carolinas, LLC		A Resubmission	04/12/2018	End of2	2017/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 rail Va except ubstations of each s	way customer should not those serving customers must be shown. ubstation, designating wh	t be listed below. s with energy for resale, nether transmission or c	may be grouped	nether
Line					VOLTAGE (In M	Va)
No.	Name and Location of Substation		Character of Sub	estation Primar	y Secondary	Tertiary
	(a)		(b)	(c)	(d)	(e)
	ANTIOCH TIE WILKESBORO NC		TRANS		5.00 230.00	
	ANTIOCH TIE WILKESBORO NC		TRANS		5.00 230.00	
	ANTIOCH TIE WILKESBORO NC		TRANS		5.00 230.00	
			TRANS		5.00 230.00	
	ANTIOCH TIE WILKESBORO NC		TRANS		5.00 230.00	
	ANTIOCH TIE WILKESBORO NC		TRANS		5.00 230.00	
	ANTIOCH TIE WILKESBORO NC		TRANS		5.00 230.00	
	ANTIOCH TIE WILKESBORO NC		TRANS		3.00 0.40	
	ANTIOCH TIE WILKESBORO NC		TRANS		3.00 0.40	
	APALACHE RET GREER SC		DIST		4.00 13.00	
	APALACHE RET GREER SC		DIST		4.00 13.00	
	ARROWOOD RET CHARLOTTE NC		DIST		0.00 24.00	
	ARROWOOD RET CHARLOTTE NC		DIST		0.00 24.00	
	ARROWOOD RET CHARLOTTE NC		DIST		0.00 24.00	
	ASHCRAFT AVE RET MONROE NC		DIST		0.00 24.00	
	ASHE ST SW STA DURHAM NC		TRANS	_	0.00 13.00	
	ASHE ST SW STA DURHAM NC		TRANS		0.00 13.00	
	ASHEVILLE HWY RET HENDERSONVILLE NO		DIST		0.00 13.00	
	ASHEVILLE HWY RET HENDERSONVILLE NO		DIST		0.00 13.00	
	ASHEVILLE HWY RET HENDERSONVILLE NO	;	DIST		0.00 13.00	
-	AUGUSTA RD RET GREENVILLE SC		DIST		0.00 13.00	
	AUGUSTA RD RET GREENVILLE SC		DIST		0.00 13.00	
	AVONDALE RET AVONDALE NC		DIST		4.00 6.90	
	AVONDALE RET AVONDALE NC		DIST		4.00 6.90	
	AVONDALE RET AVONDALE NC		DIST		4.00 6.90	
	AVONDALE RET AVONDALE NC		DIST		4.00 6.90	
	AVONDALE RET AVONDALE NC		DIST		4.00 6.90	
	AVONDALE RET AVONDALE NC		DIST		4.00 6.90	
	AVONDALE RET AVONDALE NC		DIST		4.00 6.90	
	BAD CREEK HYDRO BAD CREEK SC		TRANS		0.00 24.00	
	BAD CREEK HYDRO BAD CREEK SC		TRANS		0.00 24.00	
	BAD CREEK HYDRO BAD CREEK SC		TRANS		0.00 24.00	
	BAD CREEK HYDRO BAD CREEK SC		TRANS		0.00 24.00	
	BAD CREEK HYDRO BAD CREEK SC		TRANS		0.00 4.10	
	BAINBRIDGE RET GREENVILLE SC		DIST		0.00 13.00	
	BAIL DARK BET KANNAPOLIS NO		DIST		0.00 13.00	
	BALL PARK RET KANNAPOLIS NC		DIST		4.00 2.40	
	BALL PARK RET KANNAPOLIS NC		DIST		4.00 2.40	
	BALL PARK RET KANNAPOLIS NC BALL PARK RET KANNAPOLIS NC		DIST		4.00 2.40	
40	DALL FAIN ILL MAINIMAPOLIS INC		ופוטו	4	4.00 2.40	

Nam	e of Respondent	This Report Is: (1) XAn Original	Date of Report (Mo, Da, Yr)	Year/Period o	
Duke	e Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of 2	017/Q4
		SUBSTATIONS	-		
2. S 3. S to fu 4. Ir atter	seport 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 aded or unattended. At the end of the page, smn (f).	street railway customer should no Va except those serving customer ubstations must be shown. of each substation, designating w	of the listed below.  It is with energy for resale, the second of the se	may be grouped	ether
Line	Name and Location of Substation	Character of Sul	octation	VOLTAGE (In M	/a)
No.	Name and Location of Substation (a)	Character of Sul	Primary (c)	Secondary (d)	Tertiary (e)
1	BALL PARK RET KANNAPOLIS NC	DIST	, ,	.00 6.90	2.40
2	BALL PARK RET KANNAPOLIS NC	DIST	44	.00 6.90	2.40
3	BALL PARK RET KANNAPOLIS NC	DIST	44	.00 6.90	2.40
4	BALL PARK RET KANNAPOLIS NC	DIST	44	.00 6.90	2.40
5	BALSAM RET HENDERSONVILLE NC	DIST	44	.00 13.00	6.90
6	BALSAM RET HENDERSONVILLE NC	DIST	44	.00 13.00	6.90
7	BALSAM RET HENDERSONVILLE NC	DIST	44	.00 13.00	6.90
8	BALSAM RET HENDERSONVILLE NC	DIST	44	.00 13.00	
9	BANCROFT RET CHARLOTTE NC	DIST	100	.00 13.00	
10	BANCROFT RET CHARLOTTE NC	DIST	100	.00 13.00	
11	BANKS ST RET FORT MILL SC	DIST	100	.00 13.00	
12	BANNERTOWN TIE MT AIRY NC	TRANS	100	.00 13.00	
13	BANNERTOWN TIE MT AIRY NC	TRANS	100	.00 13.00	
14	BANNERTOWN TIE MT AIRY NC	TRANS	100	.00 13.00	
15	BAPTIST HOSP T&D WINSTON-SALEM NC	DIST	100	.00 13.00	
16	BAPTIST HOSP T&D WINSTON-SALEM NC	DIST	100	.00 13.00	
17	BARBEE CHAPEL RD RET DURHAM NC	DIST	100	.00 24.00	
18	BARRIER RD RET RIMER NC	DIST	100	.00 13.00	
19	BEATTIES FORD RET CHARLOTTE NC	DIST	100	.00 24.00	
20	BEATTIES FORD RET CHARLOTTE NC	DIST	100	.00 13.00	
21	BEAVER DAM RET MARSHVILLE NC	DIST	100	.00 24.00	
22	BEAVER DAM RET MARSHVILLE NC	DIST	100	.00 24.00	
23	BEAVER DAM RET MARSHVILLE NC	DIST	100	.00 24.00	
24	BECKERDITE SVC WINSTON-SALEM NC	TRANS	16	.00	
25	BECKERDITE SVC WINSTON-SALEM NC	TRANS	100	.00 24.00	
26	BECKERDITE SVC WINSTON-SALEM NC	TRANS	100	.00 24.00	
27	BECKERDITE SVC WINSTON-SALEM NC	TRANS	100	.00 24.00	
28	BECKERDITE SVC WINSTON-SALEM NC	TRANS	100	.00 24.00	
29	BECKERDITE TIE WINSTON-SALEM NC	TRANS	230	.00 100.00	44.00
30	BECKERDITE TIE WINSTON-SALEM NC	TRANS	230	.00 100.00	13.00
31	BECKERDITE TIE WINSTON-SALEM NC	TRANS	230	.00 100.00	13.00
32	BECKERDITE TIE WINSTON-SALEM NC	TRANS	230	.00 100.00	44.00
33	BECKERDITE TIE WINSTON-SALEM NC	TRANS	100	.00 13.00	6.90
34	BECKERDITE TIE WINSTON-SALEM NC	TRANS	100	.00 13.00	6.90
35	BECKERDITE TIE WINSTON-SALEM NC	TRANS	100	.00 13.00	6.90
36	BECKERDITE TIE WINSTON-SALEM NC	TRANS	100	.00 13.00	6.90
37	BECKERDITE TIE WINSTON-SALEM NC	TRANS	44	.00 0.40	
38	BECKERDITE TIE WINSTON-SALEM NC	TRANS	44	.00 0.40	
39	BEECH ST RET HENDERSONVILLE NC	DIST	44	.00 2.40	
40	BEECH ST RET HENDERSONVILLE NC	DIST	44	.00 2.40	

		This F	Report	ls: Original	Date of Rep (Mo, Da, Yi	port	Year/Period of	•
Duke	e Energy Carolinas, LLC	(2)		Resubmission	04/12/2018		End of 20	017/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 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 obstation of eac	railwa ept th ons mo h subs	y customer should no ose serving customers ust be shown. station, designating wh	t be listed below with energy finether transmi	ow. for resale, ma ssion or distri	bution and wh	ether
Line	Name and Location of Substation			Character of Sub	etation	V	OLTAGE (In MV	/a)
No.	(a)			(b)	station	Primary (c)	Secondary (d)	Tertiary (e)
1	BEECH ST RET HENDERSONVILLE NC			DIST		44.00	2.40	(0)
2	BEECH ST RET HENDERSONVILLE NC			DIST		44.00	2.40	
3	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		230.00	13.00	
4	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		230.00	13.00	
5	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
6	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
7	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
8	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
9	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
10	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
11	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
12	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
13	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
14	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
15	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		13.00	6.90	6.90
16	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		230.00	6.90	6.90
17	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
18	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
19	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
20	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
21	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
22	BELEWS CREEK STEAM STA UNIT 1 BELEWS	CREE	K NC	TRANS		6.90	0.60	
23	BELEWS CREEK STEAM STA UNIT 2 BELEWS	CREE	K NC	TRANS		230.00	13.00	
24	BELEWS CREEK STEAM STA UNIT 2 BELEWS	CREE	K NC	TRANS		230.00	24.00	
25	BELEWS CREEK STEAM STA UNIT 2 BELEWS	CREE	K NC	TRANS		6.90	0.60	
26	BELEWS CREEK STEAM STA UNIT 2 BELEWS	CREE	K NC	TRANS		6.90	0.60	
27	BELEWS CREEK STEAM STA UNIT 2 BELEWS	CREE	K NC	TRANS		6.90	0.60	
28	BELEWS CREEK STEAM STA UNIT 2 BELEWS	CREE	K NC	TRANS		6.90	0.60	
29	BELEWS CREEK STEAM STA UNIT 2 BELEWS	CREE	K NC	TRANS		6.90	0.60	
30	BELEWS CREEK STEAM STA UNIT 2 BELEWS	CREE	K NC	TRANS		6.90	0.60	
	BELEWS CREEK STEAM STA UNIT 2 BELEWS					6.90		
32	BELEWS CREEK STEAM STA UNIT 2 BELEWS	CREE	K NC	TRANS		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					13.00		6.90
	BELEWS CREEK STEAM STA UNIT 2 BELEWS					230.00		6.90
-	BELEWS CREEK STEAM STA UNIT 2 BELEWS		K NC			6.90		
	BELEWS CREEK SW STA BELEWS CREEK NC			TRANS		6.90		
	BELEWS CREEK SW STA BELEWS CREEK NC			TRANS		230.00		
40	BELLHAVEN RET CHARLOTTE NC			DIST		100.00	13.00	

	e of Respondent	This Report Is: (1) X An Or	riginal	Date of Report (Mo, Da, Yr)		Year/Period of	Report 017/Q4
Duke	e Energy Carolinas, LLC	(2) A Res	submission	04/12/2018		End of 20	<u> </u>
			UBSTATIONS		•		
2. S 3. S to fur 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 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 rether transmission	resale, ma	bution and wh	ether
Line					V	OLTAGE (In M\	/a)
No.	Name and Location of Substation		Character of Sub		Primary	Secondary	Tertiary
	(a)		(b)		(c)	(d)	(e)
	BELLHAVEN RET CHARLOTTE NC		DIST		100.00	13.00	
	BELMONT TIE BELMONT NC		TRANS		100.00		
	BELMONT TIE BELMONT NC		TRANS		100.00		
4	BELMONT TIE BELMONT NC		TRANS		44.00	13.00	
	BELMONT TIE BELMONT NC		TRANS		44.00	13.00	
	BELMONT TIE BELMONT NC		TRANS		24.00	0.20	0.40
	BELTON RET BELTON SC BELTON RET BELTON SC		DIST DIST		44.00 44.00	6.90 6.90	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		2.40
	BELTON RET BELTON SC		DIST		24.00	2.40	0.60
	BELTON RET BELTON SC		DIST		24.00	2.40	0.60
	BELTON RET BELTON SC		DIST		24.00		0.60
	BELTON RET BELTON SC		DIST		44.00	6.90	2.40
	BELTON RET BELTON SC		DIST		44.00	6.90	2.40
	BELTON RET BELTON SC		DIST		44.00	6.90	2.40
	BELTON RET BELTON SC		DIST		44.00	6.90	2.40
19	BELTON RET BELTON SC		DIST		44.00	6.90	2.40
20	BELTON RET BELTON SC		DIST		44.00	6.90	2.40
21	BELTON RET BELTON SC		DIST		44.00	6.90	2.40
22	BELTON TIE BELTON SC	-	TRANS		100.00	44.00	
23	BELTON TIE BELTON SC	-	TRANS		100.00	44.00	
24	BELTON TIE BELTON SC	-	TRANS		100.00	44.00	
25	BELTON TIE BELTON SC		TRANS		24.00	0.20	
26	BEREA RD RET GREENVILLE SC		DIST		100.00	13.00	
27	BEREA RD RET GREENVILLE SC		DIST		100.00	13.00	
28	BERRY SHOALS RET DUNCAN SC		DIST		44.00	13.00	
29	BERRY SHOALS RET DUNCAN SC		DIST		44.00	13.00	
	BESSEMER CITY RET BESSEMER CITY NC		DIST		44.00		
	BESSEMER CITY RET BESSEMER CITY NC		DIST		44.00		
	BESSEMER CITY RET BESSEMER CITY NC		DIST		44.00		
	BESSEMER CITY RET BESSEMER CITY NC		DIST		44.00		2.40
	BESSEMER CITY RET BESSEMER CITY NC		DIST		44.00		2.40
	BESSEMER CITY RET BESSEMER CITY NC		DIST		44.00		2.40
	BESSEMER CITY RET BESSEMER CITY NC		DIST		44.00		2.40
	BESSEMER CITY RET BESSEMER CITY NC		DIST DIST		44.00		2.40
	BETHEL RET CLOVER SC BETHEL RET CLOVER SC		DIST		44.00 44.00		2.40
	BETHEL RET CLOVER SC		DIST		44.00		2.40
					. 4.00	0.00	2.70

Name of Respondent		This Report I	s Report Is:  XAn Original  Date of R (Mo, Da, V		r)		
Duke Energy Carolinas, LLC			esubmission	04/12/2018		End of	
<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 anded or unattended. At the end of the page, smn (f).	street railway Va except the Ibstations mu of each subs	y customer should no ose serving customers ist be shown. station, designating wh	t be listed below. s with energy for re	sale, ma	bution and wh	ether
Line					VOLTAGE (In MVa)		
No.	Name and Location of Substation		Character of Substation		rimary	Secondary	Tertiary
<u></u>	(a)		(b)		(c)	(d)	(e)
	BETHEL RET CLOVER SC		DIST		44.00		2.40
	BETHEL RET CLOVER SC		DIST		44.00		2.40
_	BETHEL RET CLOVER SC		DIST		44.00		2.40
4	BETHEL RET CLOVER SC		DIST		44.00		2.40
	BETHLEHEM SS HICKORY NC BETHLEHEM SS HICKORY NC		DIST		44.00		
	BETHWARE RET KINGS MOUNTAIN NC		DIST		44.00		
	BIG WILLOW RET HENDERSONVILLE NC		DIST		100.00		
	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		
	BLACKSBURG RET BLACKSBURG SC		DIST		44.00		
	BLACKSBURG RET BLACKSBURG SC		DIST		44.00		
	BLACKSBURG RET BLACKSBURG SC		DIST		44.00		
	BLACKSBURG RET BLACKSBURG SC		DIST		44.00		
	BLACKSBURG TIE BLACKSBURG SC		TRANS		100.00		
	BLACKSBURG TIE BLACKSBURG SC		TRANS		100.00	44.00	
19	BLACKSBURG TIE BLACKSBURG SC		TRANS		24.00	0.20	
20	BLAKLEY RET LAURENS SC		DIST		44.00	13.00	
21	BLANTON RET SHELBY NC		DIST		44.00	13.00	
22	BLANTON RET SHELBY NC		DIST		44.00	13.00	
23	BLANTYRE RET HORSE SHOE NC		DIST		100.00	13.00	
24	BLUE RIDGE E C DEL 11 EASLEY SC		DIST		100.00	13.00	
25	BLUE RIDGE E C DEL 12 WESTMINSTER SC		DIST		100.00	6.90	
26	BLUE RIDGE E C DEL 12 WESTMINSTER SC		DIST		100.00	6.90	
27	BLUE RIDGE E C DEL 12 WESTMINSTER SC		DIST		100.00	6.90	
28	BLUE RIDGE E C DEL 12 WESTMINSTER SC		DIST		100.00	6.90	
29	BLUE RIDGE E C DEL 14 PICKENS SC		DIST		100.00	6.90	2.40
30	BLUE RIDGE E C DEL 14 PICKENS SC		DIST		100.00	6.90	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		
	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		DIST		100.00		
	BOILING SPRINGS RET BOILING SPRINGS S	U .	DIST		100.00		
	BOND PARK RET SPARTANBURG SC		DIST		44.00		40.00
40	BOND PARK RET SPARTANBURG SC		DIST		44.00	24.00	13.00

	e of Respondent	This (1)	Report Is		Date of Repo	ort	Year/Period of	Report 017/Q4
Duke	e Energy Carolinas, LLC	(2)	A Re	submission	04/12/2018		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	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 fo nether transmis	v. r resale, ma sion 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	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	BOUNTY LAND SS SENECA SC			DIST		44.00	13.00	6.9
4	BOUNTY LAND SS SENECA SC			DIST		44.00	24.00	13.0
5	BOUNTY LAND SS SENECA SC			DIST		44.00	6.90	2.4
6	BOUNTY LAND SS SENECA SC			DIST		44.00	13.00	
7	BRANCH RD RET WALHALLA SC			DIST		44.00	13.00	
8	BRANCH RD RET WALHALLA SC			DIST		44.00	6.90	2.4
9	BRANCH RD RET WALHALLA SC			DIST		44.00	6.90	2.4
10	BRANCH RD RET WALHALLA SC			DIST		44.00	6.90	2.4
11	BRANTLEY RD RET KANNAPOLIS NC			DIST		100.00	13.00	
12	BRANTLEY RD RET KANNAPOLIS NC			DIST		100.00	13.00	
13	BRASSFIELD RET DURHAM NC			DIST		230.00	24.00	
14	BRASSFIELD RET DURHAM NC			DIST		230.00	24.00	
15	BRASSFIELD RET DURHAM NC			DIST		230.00	24.00	
	BRAWLEY SCHOOL RET MOORESVILLE NC			DIST		100.00	13.00	
17	BRAWLEY SCHOOL RET MOORESVILLE NC			DIST		100.00	13.00	
18	BRAWLEY SCHOOL RET MOORESVILLE NC			DIST		100.00	24.00	
	BRAWLEY SCHOOL RET MOORESVILLE NC			DIST		100.00	24.00	
20	BRENTWOOD RET SIMPSONVILLE SC			DIST		100.00	13.00	
21	BRENTWOOD RET SIMPSONVILLE SC			DIST		100.00	13.00	
22	BREVARD RET BREVARD NC			DIST		44.00	2.40	
23	BREVARD RET BREVARD NC			DIST		44.00	2.40	
	BREVARD RET BREVARD NC			DIST		44.00	2.40	
25	BREVARD RET BREVARD NC			DIST		44.00	6.90	2.4
26	BREVARD RET BREVARD NC			DIST		44.00	6.90	2.4
27	BREVARD RET BREVARD NC			DIST		44.00	6.90	2.4
28	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	13.00	
	BRIAR CREEK RET CHARLOTTE NC			DIST		100.00		
	BRIDGEPORT RET MORGANTON NC			DIST		44.00	13.00	
	BRIDGEPORT RET MORGANTON NC			DIST		44.00		
	BRIDGEWATER HYDRO PL MORGANTON NO			TRANS		100.00		
	BRIDGEWATER HYDRO PL MORGANTON NO			TRANS		100.00		
	BRIDGEWATER HYDRO PL MORGANTON NO			TRANS		100.00		
40	BRIDGEWATER HYDRO PL MORGANTON NO	j		TRANS		6.90	0.60	

Primary   Secondary   Tertlary   (a)   Character of Substation   (b)   Primary   Secondary   (e)   (	Nam	e of Respondent		Report IXIAn	is: Original	Date of Rep (Mo, Da, Yr		Year/Period of	
1. Report below the information called for concerning substations of the respondent as of the end of the year. 2. Substations which serve only one inclustrial or street railway customer should not be listed below. 3. Substations which specifies of Less than 10 AWa except those serving customers with energy for resale, may be grouped according to functional character. Dut the number of such substations must be shown. 4. Indicate in colium (b) the functional character of each substation disqualing whether transmission or distribution and whether statemed or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in coliumn (f).  Interport of the page of t	Duke	e Energy Carolinas, LLC	` ′		•		,	End of 20	017/Q4
2. Substations which serve only one industrial or street railway customer should not be listed below.  3. Substations with capacities of Less than 10 M/w except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.  4. Indicate in column (f). The functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).    Name and Location of Substation   Character of S			. ,						
Inchest   Name and Location of Substation	2. S 3. S to fu 4. Ir atter	Substations which serve only one industrial or Substations with capacities of Less than 10 M <sup>1</sup> Inctional character, but the number of such sundicate in column (b) the functional character Inded or unattended. At the end of the page, so	street Va exc obstation 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 mether transmis	w. or resale, mag ssion or distri	bution and wh	ether
Name and Location of Substation   Character of Substation   (e)   (e)   (f)	colu	mn (f).							
Name and Location of Substation									
Name and Location of Substation   Character of Substation   (e)   (e)   (f)		Τ					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		/o\
BRIDGEWATER HYDRO PL MORGANTON NC TRANS   6.50   0.00		Name and Location of Substation			Character of Sub	station		, ,	,
1 BRIOGEWATER HYDRO PL MORGANTON NC	140.	(a)			(h)		•	,	,
BRIDGEWATER HYDRO PL MORGANTON NC	1	` '	;		` '			` ′	(6)
BROAD ST RET WINSTON-SALEM NC									
BROAD ST RET WINSTON-SALEM NC					DIST				6.90
BROAD ST RET WINSTON-SALEM NC									
BROAD ST RET WINSTON-SALEM NC	5	BROAD ST RET WINSTON-SALEM NC					100.00		
BROAD ST RET WINSTON-SALEM NC	6	BROAD ST RET WINSTON-SALEM NC			DIST		100.00	13.00	6.90
BROAD ST RET WINSTON-SALEM NC	7	BROAD ST RET WINSTON-SALEM NC			DIST		100.00	13.00	6.90
10   BROAD ST RET WINSTON-SALEM NC					DIST		100.00	13.00	6.90
11   BROAD ST RET WINSTON-SALEM NC	9	BROAD ST RET WINSTON-SALEM NC					100.00	13.00	6.90
11   BROAD ST RET WINSTON-SALEM NC					DIST		100.00	2.40	
12   BROAD ST RET WINSTON-SALEM NC							100.00	2.40	
14   BROOK ST RET NORTH WILKESBORO NC   DIST   100.00   13.00							100.00	2.40	
15   BROOKWOOD RET WINSTON-SALEM NC	13	BROOK ST RET NORTH WILKESBORO NC			DIST		100.00	13.00	
16   BROOKWOOD RET WINSTON-SALEM NC	14	BROOK ST RET NORTH WILKESBORO 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   6.90   2.40     24   BROUGHTON RET MORGANTON NC   DIST   44.00   13.00   6.90     24   BROWNS FORD RET MORGANTON NC   DIST   44.00   13.00   6.90     25   BROWNS FORD RET NORTH WILKESBORO NC   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   13.00   0.60     32   BUCK STEAM STA YARD SPENCER NC   TRANS   13.00   0.60     33   BUCK STEAM STA YARD SPENCER NC   TRANS   13.00   0.60     34   BUCK STEAM STA YARD SPENCER NC   TRANS   100.00   13.00     35   BUCK STEAM STA YARD SPENCER NC   TRANS   100.00   13.00     36   BUCK STEAM STA YARD SPENCER NC   TRANS   100.00   13.00     37   BUCK STEAM STA YARD SPENCER NC   TRANS   100.00   13.00     38   BUCK STEAM STA YARD SPENCER NC   TRANS   24.00   4.10     38   BUCK STEAM STA YARD SPENCER NC   TRANS   24.00   4.10     38   BUCK STEAM STA YARD SPENCER NC   TRANS   13.00   0.60     39   BUCK STEAM STA YARD SPENCER NC   TRANS   13.00   0.60     39   BUCK STEAM STA YARD SPENCER NC   TRANS   13.00   0.60     39   BUCK STEAM STA YARD SPENCER NC   TRANS   13.00   0.60     39   BUCK STEAM STA YARD SPENCER NC   TRANS   13.00   0.60     39   BUCK STEAM STA YARD SPENCER NC   TRANS   13.00   0.60     39   BUCK STEAM STA YARD SPENCER NC   TRANS   13.00   0.60     39   BUCK STEAM STA YARD SPENCER NC   TRANS   13.0	15	BROOKWOOD RET WINSTON-SALEM NC			DIST		100.00	13.00	
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           23         BROUGHTON RET MORGANTON NC         DIST         44.00         13.00         6.90           24         BROWNS FORD RET NORTH WILKESBORO NC         DIST         44.00         13.00         6.90           24         BROWNS FORD RET NORTH WILKESBORO NC         DIST         100.00         13.00         6.90           25         BROWNS FORD RET NORTH WILKESBORO NC         DIST         100.00         13.00         6.90           26         BRUSHY CREEK RET GREENVILLE SC         DIST         100.00         13.00         6.90           27         BRUSHY CREEK RET GREENVILLE SC         DIST         100.00         13.00         6.60           28         BUCK STEAM STA YARD SPENCER NC         TRANS         13.00         0.60         6.60           29         BUCK STEAM STA YARD SPENCER NC         TRANS	16	BROOKWOOD RET WINSTON-SALEM NC			DIST		100.00	13.00	
19   BROUGHTON RET MORGANTON NC   DIST   44.00   13.00   6.90   2.40	17	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 NC       DIST       100.00       13.00       13.00         25       BROWNS FORD RET NORTH WILKESBORO NC       DIST       100.00       13.00       13.00         26       BRUSHY CREEK RET GREENVILLE SC       DIST       100.00       13.00       13.00         27       BRUSHY CREEK RET GREENVILLE SC       DIST       100.00       13.00       13.00         28       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60       13.00         28       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60       13.00         31       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60       13.00         32       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00       13.00         34       BUCK STEAM S	18	BROUGHTON RET MORGANTON NC			DIST		44.00	13.00	6.90
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 NC       DIST       100.00       13.00         25       BROWNS FORD RET NORTH WILKESBORO NC       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       100.00       13.00         31       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         32       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC	19	BROUGHTON RET MORGANTON NC			DIST		44.00	13.00	6.90
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 NC       DIST       100.00       13.00         25       BROWNS FORD RET NORTH WILKESBORO NC       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         32       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         33       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS	20	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 WIKESBORO NC       DIST       100.00       13.00         25       BROWNS FORD RET NORTH WIKESBORO NC       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       100.00       13.00         31       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         32       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       0.60         37       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00 <td>21</td> <td>BROUGHTON RET MORGANTON NC</td> <td></td> <td></td> <td>DIST</td> <td></td> <td>44.00</td> <td>6.90</td> <td>2.40</td>	21	BROUGHTON RET MORGANTON NC			DIST		44.00	6.90	2.40
24       BROWNS FORD RET NORTH WILKESBORO NC       DIST       100.00       13.00         25       BROWNS FORD RET NORTH WILKESBORO NC       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         32       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       0.60         37       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         38       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60	22	BROUGHTON RET MORGANTON NC			DIST		44.00	6.90	2.40
25       BROWNS FORD RET NORTH WILKESBORO NC       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       100.00       13.00         31       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         32       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       0.60         37       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         38       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         39       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10	23	BROUGHTON RET MORGANTON NC			DIST		44.00	13.00	6.90
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       100.00       13.00         31       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         32       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         33       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         38       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         39       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         39       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10	24	BROWNS FORD RET NORTH WILKESBORO 1	VC		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         32       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         33       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       0.60         37       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         38       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         39       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10	25	BROWNS FORD RET NORTH WILKESBORO 1	VC		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         32       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         33       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         38       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         39       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10	26	BRUSHY CREEK RET GREENVILLE SC			DIST		100.00	13.00	
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         32       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         33       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       0.60         37       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         38       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         39       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10	27	BRUSHY CREEK RET GREENVILLE SC			DIST		100.00	13.00	
30       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         31       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         32       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         33       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       0.60         37       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         38       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         39       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10	28	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
31       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         32       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         33       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       0.60         37       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         38       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         39       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10	29	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
32       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         33       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       0.60         37       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         38       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         39       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10	30	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
33       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       0.60         37       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         38       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         39       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10	31	BUCK STEAM STA YARD SPENCER NC			TRANS		100.00	13.00	
34       BUCK STEAM STA YARD SPENCER NC       TRANS       100.00       13.00         35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       0.60         37       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         38       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         39       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10	32	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
35       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10         36       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       0.60         37       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       4.10         38       BUCK STEAM STA YARD SPENCER NC       TRANS       13.00       0.60         39       BUCK STEAM STA YARD SPENCER NC       TRANS       24.00       4.10	33	BUCK STEAM STA YARD SPENCER NC			TRANS		100.00	13.00	
36         BUCK STEAM STA YARD SPENCER NC         TRANS         24.00         0.60           37         BUCK STEAM STA YARD SPENCER NC         TRANS         13.00         4.10           38         BUCK STEAM STA YARD SPENCER NC         TRANS         13.00         0.60           39         BUCK STEAM STA YARD SPENCER NC         TRANS         24.00         4.10	34	BUCK STEAM STA YARD SPENCER NC			TRANS		100.00	13.00	
37         BUCK STEAM STA YARD SPENCER NC         TRANS         13.00         4.10           38         BUCK STEAM STA YARD SPENCER NC         TRANS         13.00         0.60           39         BUCK STEAM STA YARD SPENCER NC         TRANS         24.00         4.10	35	BUCK STEAM STA YARD SPENCER NC			TRANS		24.00	4.10	
38         BUCK STEAM STA YARD SPENCER NC         TRANS         13.00         0.60           39         BUCK STEAM STA YARD SPENCER NC         TRANS         24.00         4.10	36	BUCK STEAM STA YARD SPENCER NC			TRANS		24.00	0.60	
39 BUCK STEAM STA YARD SPENCER NC TRANS 24.00 4.10	37	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	4.10	
	38	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
40 BUCK STEAM STA YARD SPENCER NC TRANS 24.00 0.60	39	BUCK STEAM STA YARD SPENCER NC			TRANS		24.00	4.10	
	40	BUCK STEAM STA YARD SPENCER NC			TRANS		24.00	0.60	
		<u> </u>							

	e of Respondent		Report Is		Date of Re (Mo, Da, Y	port r)	Year/Period of	
Duke	e Energy Carolinas, LLC	(2)	A Re	esubmission	04/12/2018	,	End of 20	017/Q4
		•		SUBSTATIONS	,	•		
2. S 3. S to fu 4. Ir atter	Report below the information called for concer substations which serve only one industrial or substations with capacities of Less than 10 M inctional 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	t railway cept tho ons mus ch subst	customer should no se serving customers st be shown. tation, designating wl	t be listed belo s with energy f hether 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	ostation	Primary	Secondary	Tertiary
	(a)			(b)		(c)	(d)	(e)
1	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	4.10	
2	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
3	BUCK STEAM STA YARD SPENCER NC			TRANS		100.00	13.00	13.0
4	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
5	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
6	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
7	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
8	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
9	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
10	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	0.60	
	BUCK STEAM STA YARD SPENCER NC			TRANS		44.00		
	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00		
	BUCK STEAM STA YARD SPENCER NC			TRANS		13.00	4.10	
	BUCK STEAM STA YARD SPENCER NC			TRANS		4.10		
	BUCK STEAM STA YARD SPENCER NC			TRANS				
	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		44.0
	BUCK TIE SPENCER NC			TRANS		230.00		13.0
	BUCK TIE SPENCER NC			TRANS		100.00		
	BUCK TIE SPENCER NC			TRANS		13.00		
	BUCK TIE SPENCER NC			TRANS		13.00		
	BUCKEYE RET CHARLOTTE NC			DIST		100.00		
	BUCKEYE RET CHARLOTTE NC			DIST		100.00		
	BURLINGTON MN BURLINGTON NC			DIST		100.00		
	BURLINGTON MN BURLINGTON NC			DIST		100.00		
	BURLINGTON MN BURLINGTON NC			DIST		24.00		
	BURLINGTON MN BURLINGTON NC			DIST		24.00		
	BURLINGTON MN BURLINGTON NC			DIST		24.00		
	BURLINGTON MN BURLINGTON NC			DIST		24.00		
	BUSH RIVER TIE NEWBERRY SC			TRANS		230.00		44.0
	BUSH RIVER TIE NEWBERRY SC			TRANS		100.00		13.0
	BUSH RIVER TIE NEWBERRY SC			TRANS		100.00		
	BUSH RIVER TIE NEWBERRY SC			TRANS		100.00		4.1
	BUSH RIVER TIE NEWBERRY SC			TRANS		44.00		
	BUSH RIVER TIE NEWBERRY SC			TRANS		100.00		6.9
	BUSH RIVER TIE NEWBERRY SC			TRANS		44.00		
	BUSH RIVER TIE NEWBERRY SC			TRANS		44.00		
	BUSH RIVER TIE NEWBERRY SC BUSH RIVER TIE NEWBERRY SC			TRANS TRANS		44.00 24.00		
<del>-1</del> 0	DOGITATE NEWDEKKI OU					24.00	0.40	

	e of Respondent	This Report	ls: Original	Date of Report (Mo, Da, Yr)		Year/Period of	•
Duke	e Energy Carolinas, LLC		Resubmission	04/12/2018		End of 20	017/Q4
		<u> </u>	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 railwa /a except the bstations mand of each sub	ay customer should no lose serving customers ust be shown. station, designating wh	t be listed below.  s with energy for res  nether transmission	ale, ma or distri	bution and wh	ether
Line	Name and Location of Substation		Character of Sub	atation	V	OLTAGE (In M\	/a)
No.	(a)		(b)	Pri	mary (c)	Secondary (d)	Tertiary (e)
1	BUTNER RET DURHAM NC		DIST	'	100.00	` '	(0)
	BUTNER RET DURHAM NC		DIST		100.00		
	BUTNER RET DURHAM NC		DIST		100.00		
4	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		
7			DIST		100.00		
	BUXTON ST RET WINSTON-SALEM NC		DIST		100.00		
9			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		2.40
	BUZZARD ROOST COMB TURBINE CHAPPEL	18.80	TRANS		100.00		13.00
	BUZZARD ROOST COMB TURBINE CHAPPEL		TRANS		100.00		10.00
	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		
18			TRANS				
19			DIST		100.00		
					69.00		
	CAMP CREEK RD RET WHITTIER NC		DIST		69.00		
-	CAMP CROFT RET SPARTANBURG SC		DIST		100.00		
	CAMP CROFT RET SPARTANBURG SC		DIST		100.00		
	CAMPOBELLO TIE CAMPOBELLO SC		TRANS		100.00		
	CAMPOBELLO TIE CAMPOBELLO SC		TRANS		100.00		
	CAMPOBELLO TIE CAMPOBELLO SC		TRANS		100.00		
	CAMPOBELLO TIE CAMPOBELLO SC		TRANS		44.00		
	CAMPOBELLO TIE CAMPOBELLO SC		TRANS		24.00		
	CAMPTON RET INMAN SC		DIST		100.00		
	CAMPTON RET INMAN SC		DIST		100.00		
	CANE CREEK TIE TAYLORS SC		TRANS		100.00		
	CANE CREEK TIE TAYLORS SC		TRANS		100.00		
	CANE CREEK TIE TAYLORS SC		TRANS		100.00		44.00
	CANE CREEK TIE TAYLORS SC		TRANS		100.00		44.00
	CANE CREEK TIE TAYLORS SC		TRANS		100.00		24.00
	CANE CREEK TIE TAYLORS SC		TRANS		100.00		24.00
	CANE CREEK TIE TAYLORS SC		TRANS		100.00		24.00
-	CANE CREEK TIE TAYLORS SC		TRANS		100.00		
	CANOE CREEK RET MORGANTON NC		DIST		44.00		6.90
	CANOE CREEK RET MORGANTON NC		DIST		44.00		
40	CANOE CREEK RET MORGANTON NC		DIST		44.00	6.90	

	e of Respondent	This Report (1) X An	ls: Original	Date of Repo (Mo, Da, Yr)	ort	Year/Period of	
Duke	e Energy Carolinas, LLC	` '	esubmission	04/12/2018		End of 20	017/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 railwa /a except the bstations mu of each subs	y customer should no ose serving customers ust be shown. station, designating wh	t be listed below with energy for nether transmiss	v. r resale, ma sion or distri	bution and wh	ether
Line	Name and Location of Substation		Character of Sub	etation	V	OLTAGE (In MV	/a)
No.	(a)		(b)	Station	Primary (c)	Secondary (d)	Tertiary (e)
1			DIST		44.00	6.90	(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	13.00	6.90
5	CARMEL RD RET CHARLOTTE NC		DIST		100.00	13.00	
6	CARMEL RD RET CHARLOTTE NC		DIST		100.00	13.00	
7	CARMEL RD RET CHARLOTTE NC		DIST		100.00	13.00	
8	CARSON RET MARION NC		DIST		44.00	13.00	
9	CARSON RET MARION NC		DIST		44.00	13.00	
10	CARVER ST RET CLOVER SC		DIST		44.00	6.90	2.40
11	CARVER ST RET CLOVER SC		DIST		44.00	6.90	2.40
12	CARVER ST RET CLOVER SC		DIST		44.00	6.90	2.40
13	CARVER ST RET CLOVER SC		DIST		44.00	6.90	2.40
14	CARVER ST RET CLOVER SC		DIST		44.00	6.90	2.40
15	CARVER ST RET CLOVER SC		DIST		44.00	6.90	2.40
16	CARVER ST RET CLOVER SC		DIST		44.00	6.90	2.40
17	CASHIERS RET CASHIERS NC		DIST		69.00	13.00	
18	CASHIERS RET CASHIERS NC		DIST		69.00	13.00	
19	CATAWBA NUC STA UNIT 1 ROCK HILL SC		TRANS		230.00	24.00	
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
37	CATAWBA NUC STA UNIT 1 ROCK HILL SC		TRANS		24.00	6.90	6.90
38	CATAWBA NUC STA UNIT 1 ROCK HILL SC		TRANS		6.90	0.60	
39	CATAWBA NUC STA UNIT 1 ROCK HILL SC		TRANS		6.90	0.60	
40	CATAWBA NUC STA UNIT 1 ROCK HILL SC		TRANS		6.90	0.60	

Name of Respondent	This Report Is: (1) XAn Original	Date of Report (Mo, Da, Yr)	Year/Period of	
Duke Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of 2	017/Q4
	SUBSTATIONS	<u> </u>		
Report below the information called for conce     Substations which serve only one industrial o     Substations with capacities of Less than 10 N     to functional character, but the number of such s     Indicate in column (b) the functional characte     attended or unattended. At the end of the page, column (f).	r street railway customer should no IVa except those serving customers ubstations must be shown. r of each substation, designating wh	t be listed below. s with energy for resale, m nether transmission or dist	ay be grouped	nether
Line Name and Location of Substation	Character of Sub		VOLTAGE (In M\	√a)
No.   Name and Location of Substation (a)	(b)	Primary (c)	Secondary (d)	Tertiary (e)
1 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	6.9	` '	(-)
2 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	6.9	0.60	
3 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	6.9	0.60	
4 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	6.9	0.60	
5 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	4.1	0.60	
6 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	4.1	0.60	
7 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	13.0	0.60	
8 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	13.0	0.60	
9 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	13.0	0.60	
10 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	6.9	0.60	
11 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	6.9	0.60	
12 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	6.9	0 4.10	
13 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	6.9	0.60	
14 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	4.1	0.60	
15 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	6.9	0	
16 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	6.9	0.40	
17 CATAWBA NUC STA UNIT 1 ROCK HILL SC	TRANS	6.9	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	0.40	
21 CATAWBA NUC STA UNIT 2 ROCK HILL SC	TRANS	6.9	0.40	
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	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		
32 CATAWBA NUC STA UNIT 2 ROCK HILL SC	TRANS	6.9		
33 CATAWBA NUC STA UNIT 2 ROCK HILL SC	TRANS	6.9		
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		
36 CATAWBA NUC STA UNIT 2 ROCK HILL SC	TRANS	24.0		
37 CATAWBA NUC STA UNIT 2 ROCK HILL SC	TRANS	24.0		
38 CATAWBA NUC STA UNIT 2 ROCK HILL SC	TRANS	24.0		
39 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	

Name	e of Respondent	This Report Is:	Date of Report	Year/Period o	
Duke	e Energy Carolinas, LLC	(1) X An Original (2) A Resubmission	(Mo, Da, Yr) 04/12/2018	End of 2	017/Q4
		SUBSTATIONS	!		
2. S 3. S to fur 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 railway customer should no Va except those serving customer ubstations must be shown. of each substation, designating w	t be listed below. s with energy for resale, hether transmission or di	may be grouped	nether
Line	Name and Landing of Outstation	Observators of Oak		VOLTAGE (In M	Va)
No.	Name and Location of Substation (a)	Character of Sul	Primary (c)	Secondary (d)	Tertiary (e)
1	CATAWBA NUC STA UNIT 2 ROCK HILL SC	TRANS	6	.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		eport Is: (]An Original	Date of Report (Mo, Da, Yr)	Year/Period	
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of	2017/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, smn (f).	street radius of each	ailway customer should no pt those serving customer as must be shown. substation, designating w	t be listed below. s with energy for resale, hether transmission or d	may be grouped	hether
Line			21		VOLTAGE (In M	IVa)
No.	Name and Location of Substation		Character of Sul	Primar	,	Tertiary
1	(a) CHERRYVILLE RET CHERRYVILLE NC		DIST (b)	(c) 4-	(d) 4.00 13.00	(e)
2	CHERRYVILLE TIE CHERRYVILLE NC		TRANS	10	0.00 44.00	
3	CHERRYVILLE TIE CHERRYVILLE NC		TRANS	10	0.00 44.00	
4	CHERRYVILLE TIE CHERRYVILLE NC		TRANS		0.00 44.00	
5			TRANS		1.00 0.20	
	CHESNEE RET CHESNEE SC		DIST		1.00 13.00	
7	CHESNEE RET CHESNEE SC		DIST		1.00 13.00	
8			TRANS		0.00 44.00	
9	CHESNEE TIE CHESNEE SC		TRANS		0.00 44.00	
	CHESTER MAIN CHESTER SC		DIST		0.00 13.00	
11			DIST		0.00 13.00	
	CHESTER MAIN CHESTER SC		DIST		0.00 13.00	
ļ	CHESTER MAIN CHESTER SC		DIST		0.00 13.00	
	CHESTER MAIN CHESTER SC		DIST		0.00 13.00	
	CHESTER MAIN CHESTER SC		DIST		0.00 44.00	
	CHESTER MAIN CHESTER SC		DIST		0.00 44.00	
	CHESTER MAIN CHESTER SC		DIST		0.00 44.00	
18			DIST		1.00 6.90	
	CHESTER MAIN CHESTER SC		DIST		1.00 6.90	
	CHESTER MAIN CHESTER SC		DIST		1.00 6.90	
<u> </u>	CHESTER MAIN CHESTER SC		DIST		1.00 6.90	+
	CHINA GROVE MAIN CHINA GROVE NC		TRANS		0.00 44.00	
	CHINA GROVE MAIN CHINA GROVE NC		TRANS		0.00 44.00	
	CHINA GROVE MAIN CHINA GROVE NC		TRANS		0.00 44.00	
	CHINA GROVE MAIN CHINA GROVE NC		TRANS		1.00 0.20	
	CHINA GROVE MAIN CHINA GROVE NC		DIST		1.00 0.20	
	CHINA GROVE RET CHINA GROVE NC		DIST		1.00 2.40	
	CHINA GROVE RET CHINA GROVE NC		DIST		1.00 2.40	
	CHINA GROVE RET CHINA GROVE NC		DIST		0.00 13.00	
	CHRISTOPHER RD RET SHELBY NC		DIST		0.00 13.00	
	CLAREMONT RET CLAREMONT NC		DIST		0.00 13.00	
	CLAREMONT RET CLAREMONT NC		DIST		0.00 13.00	
	CLARK HILL TIE GREENWOOD SC		TRANS		0.00 44.00	
	CLARK HILL TIE GREENWOOD SC		TRANS		0.00 44.00	
	CLARK HILL TIE GREENWOOD SC		TRANS		0.00 100.00	
	CLARK HILL TIE GREENWOOD SC		TRANS		1.00 0.20	
	CLEGHORN SS RUTHERFORDTON NC		DIST		1.00 13.00	
-	CLEMMONS RET CLEMMONS NC		DIST		0.00 13.00	
	CLEMMONS RET CLEMMONS NC		DIST		0.00 13.00	
	CLEMSON UNIV STA 2 CLEMSON SC		DIST		4.00 13.00	
					15.00	

	e of Respondent	This (1)		ort Is: An Original	Date of Rep (Mo, Da, Yr)	ort	Year/Period of	Report 017/Q4
Duke	Energy Carolinas, LLC	(2)		A Resubmission	04/12/2018		End of 20	117/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 su dicate in column (b) the functional character ided or unattended. At the end of the page, s nn (f).	street Va exc ubstati of eac	raily cept ons ch su	way customer should not those serving customers must be shown. ubstation, designating wh	be listed below with energy fon mether transmis	v. r resale, ma sion 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)
	CLEMSON UNIV STA 2 CLEMSON SC			DIST		44.00	13.00	
	CLEVELAND RET CLEVELAND NC			DIST		100.00	13.00	6.9
	CLEVELAND RET CLEVELAND NC			DIST		100.00	13.00	6.9
	CLEVELAND RET CLEVELAND NC			DIST		100.00	13.00	6.9
	CLEVELAND RET CLEVELAND NC			DIST		100.00	13.00	6.9
	CLIFFSIDE STEAM STA 1-4 SW YD CLIFFSIDE			TRANS		4.10	0.40	
	CLIFFSIDE STEAM STA 1-4 SW YD CLIFFSIDE			TRANS		4.10	0.40	
	CLIFFSIDE STEAM STA 1-4 SW YD CLIFFSIDE			TRANS		44.00	13.00	
	CLIFFSIDE STEAM STA 1-4 SW YD CLIFFSIDE			TRANS		44.00	0.60	2.4
	CLIFFSIDE STEAM STA 1-4 SW YD CLIFFSIDE			TRANS		44.00	0.60	2.4
	CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE			TRANS		24.00	4.10	
	CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE			TRANS		230.00	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	
	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 CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE			TRANS		4.10	0.60	
	CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE  CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE			TRANS TRANS		4.10 4.10	0.60	
	CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE CLIFFSIDE STEAM STA 5 SW YD CLIFFSIDE			TRANS TRANS		4.10 4.10		
	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	INC		DIST		44.00		44.0
	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
	CLINTON TIE CLINTON SC			TRANS		100.00	44.00	24.0
	CLINTON TIE CLINTON SC			TRANS		100.00	44.00	24.0
	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		
	<u> </u>							

	e of Respondent	This Re		s: Original	Date of Re (Mo, Da, Y	port r)	Year/Period of	•
Duke	e Energy Carolinas, LLC	(2)	A Re	esubmission	04/12/2018		End of 20	017/Q4
				SUBSTATIONS		•		
2. S 3. S to fu 4. Ir atter	Report below the information called for concern substations which serve only one industrial or substations with capacities of Less than 10 MV inctional character, but the number of such suindicate in column (b) the functional character of inded or unattended. At the end of the page, simn (f).	street rate  /a exce  bstation  of each	ailway pt tho ns mus subst	customer should not se serving customers st be shown. tation, 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 M\	/a)
No.	Name and Location of Substation			Character of Sub	station	Primary	Secondary	Tertiary
	(a)			(b)		(c)	(d)	(e)
1	CLOVER TIE CLOVER SC			TRANS		24.00	0.20	
2	CODDLE CREEK RET MOORESVILLE NC			DIST		44.00	13.00	
3	CODDLE CREEK RET MOORESVILLE NC			DIST		44.00	13.00	
4	COFFEY CREEK RET CHARLOTTE NC			DIST		100.00	24.00	
5	COFFEY CREEK RET CHARLOTTE NC			DIST		100.00	24.00	
6	COLFAX RET COLFAX NC			DIST		100.00	24.00	
7	COLFAX RET COLFAX NC			DIST		100.00	24.00	
8	COLUMBUS RET COLUMBUS NC			DIST		44.00	13.00	6.9
9	COLUMBUS RET COLUMBUS NC			DIST		44.00	13.00	6.9
10	COLUMBUS RET COLUMBUS NC			DIST		44.00	13.00	6.9
11	COLUMBUS RET COLUMBUS NC			DIST		44.00	13.00	6.9
12	COLUMBUS RET COLUMBUS NC			DIST		44.00	13.00	
13	COMMONWEALTH RET CHARLOTTE NC			DIST		100.00	13.00	
14	COMMONWEALTH RET CHARLOTTE NC			DIST		100.00	13.00	
15	COMMSCOPE SHERRILLS FORD T&D SHERR	ILLS FO	RD	DIST		44.00	13.00	
16	COMMSCOPE SHERRILLS FORD T&D SHERRI	ILLS FO	RD	DIST		44.00	13.00	
17	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		
20	CONCORD MAIN CONCORD NC			TRANS		100.00	13.00	
21	CONCORD MAIN CONCORD NC			TRANS		100.00	13.00	
	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			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 RET CORONACA SC			DIST		44.00		
	CORONACA TIE CORONACA SC			TRANS		100.00		
	CORONACA TIE CORONACA SC			TRANS		100.00		
	CORONACA TIE CORONACA SC			TRANS		100.00		
	CORONACA TIE CORONACA SC			TRANS		24.00		
	COUNTRY CIPE DR DET KINGS MOUNTAIN NO			DIST		100.00		
	COUNTRYSIDE RD RET KINGS MOUNTAIN NO COUNTRYSIDE RD RET KINGS MOUNTAIN NO			DIST		100.00 100.00		
								13.0
	COWANS FORD HYDRO STANLEY NC COWANS FORD HYDRO STANLEY NC			TRANS		230.00		
	COWANS FORD HYDRO STANLEY NC			TRANS TRANS		230.00 13.00		13.0
40	CONTROL ON THE PROPERTY INC					13.00	0.00	

	of Respondent		Report Is		Date of Re (Mo, Da, Y	port r)	Year/Period of	Report 017/Q4
Duke I	Energy Carolinas, LLC	(2)	A R	esubmission	04/12/2018		End of 20	<u>117/Q4</u>
		•		SUBSTATIONS	•	•		
2. Su 3. Su to fund 4. Ind	eport below the information called for concertibstations which serve only one industrial or abstations with capacities of Less than 10 Mictional character, but the number of such sudicate in column (b) the functional character ded or unattended. At the end of the page, son (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 wh	t be listed belo s with energy t nether transmi	ow. for 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 (	COWANS FORD HYDRO STANLEY NC			TRANS		13.00	0.60	
2 (	COWANS FORD HYDRO STANLEY NC			TRANS		44.00	0.60	
3 (	COWPENS RET COWPENS SC			DIST		44.00	6.90	2.4
4 (	COWPENS RET COWPENS SC			DIST		44.00	6.90	2.4
5 (	COWPENS RET COWPENS SC			DIST		44.00	6.90	2.4
6 (	COWPENS RET COWPENS SC			DIST		44.00	6.90	2.4
7 (	COWPENS RET COWPENS SC			DIST		44.00	13.00	
8 (	CREST ST RET DURHAM NC			DIST		100.00	6.90	
9 (	CREST ST RET DURHAM NC			DIST		100.00	6.90	
10 0	CREST ST RET DURHAM NC			DIST		100.00	6.90	
11 (	CREST ST RET DURHAM NC			DIST		100.00	6.90	
12 (	CREST ST RET DURHAM NC			DIST		100.00	6.90	
13 (	CREST ST RET DURHAM NC			DIST		100.00	6.90	
14 (	CREST ST RET DURHAM NC			DIST		100.00	6.90	
15 (	CRETO TIE NINETY SIX SC			TRANS		100.00	44.00	
16	CRUMP RD RET HUDSON NC			DIST		100.00	13.00	
17 (	CRUMP RD RET HUDSON NC			DIST		100.00	13.00	
18 (	CULLOWHEE RET CULLOWHEE NC			DIST		66.00	13.00	
	CULLOWHEE RET CULLOWHEE NC			DIST		66.00	13.00	
20 (	CYCLE RET ELKIN NC			DIST		44.00	13.00	
21 (	CYCLE RET ELKIN NC			DIST		44.00	13.00	
22 (	CYPRESS TIE ABBEVILLE SC			TRANS		100.00	44.00	
23 (	CYPRESS TIE ABBEVILLE SC			TRANS		100.00	44.00	
24 (	CYPRESS TIE ABBEVILLE SC			TRANS		24.00	0.20	
25 [	DACIAN AVE RET DURHAM NC			DIST		100.00	24.00	
26	DACIAN AVE RET DURHAM NC			DIST		100.00	24.00	
27	DALLAS CITY DEL 2 DALLAS NC			DIST		44.00	13.00	
28 [	DALLAS CITY DEL 2 DALLAS NC			DIST		44.00	13.00	
29 [	DAN RIVER STEAM STA EDEN NC			TRANS		138.00	100.00	13.8
30 [	DAN RIVER STEAM STA EDEN NC			TRANS		138.00	100.00	13.8
31 [	DAN RIVER STEAM STA EDEN NC			TRANS		138.00	100.00	13.8
	DAN RIVER STEAM STA EDEN NC			TRANS		138.00		13.8
L	DAN RIVER STEAM STA EDEN NC			TRANS		2.40	0.60	
34 [	DAN VALLEY RET STONEVILLE NC			DIST		100.00	13.00	
	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

	e of Respondent		Report I		Date of Rep (Mo, Da, Yr)	ort	Year/Period of	Report 017/Q4
Duke	e Energy Carolinas, LLC	(2)	A R	esubmission	04/12/2018		End of 20	<u></u>
		•		SUBSTATIONS		•		
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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	DAVIDSON RET DAVIDSON NC			DIST		44.00	6.90	2.4
2	DAVIDSON RET DAVIDSON NC			DIST		44.00	6.90	2.4
3	DAVIDSON RET DAVIDSON NC			DIST		44.00	13.00	
4	DAVIDSON RET DAVIDSON NC			DIST		44.00	6.90	2.4
5	DAVIDSON RET DAVIDSON NC			DIST		44.00	6.90	2.4
6	DAVIDSON RET DAVIDSON NC			DIST		44.00	6.90	2.4
7	DAVIDSON RIVER RET PISGAH FOREST NC			TRANS		100.00	13.00	
8	DAVIS RET WILLIAMSTON SC			DIST		100.00	13.00	
9	DEARBORN HYDRO GREAT FALLS SC			TRANS		100.00	66.00	
10	DEARBORN HYDRO GREAT FALLS SC			TRANS		44.00	6.90	
11	DEARBORN HYDRO GREAT FALLS SC			TRANS		44.00	6.90	
12	DEERFIELD RET MOORESVILLE NC			DIST		100.00	13.00	
13	DENNY RD RET GREENSBORO NC			DIST		100.00	24.00	
14	DENNY RD RET GREENSBORO NC			DIST		100.00	24.00	
15	DENNY RD RET GREENSBORO NC			DIST		100.00	24.00	
16	DENTON RET DENTON NC			DIST		100.00	13.00	
17	DEPOT ST RET FRANKLIN NC			DIST		66.00		
18	DEPOT ST RET FRANKLIN NC			DIST		69.00	13.00	
	DERITA RET CHARLOTTE NC			DIST		100.00	24.00	
20	DERITA RET CHARLOTTE NC			DIST		100.00	24.00	
21	DERITA RET CHARLOTTE NC			DIST		100.00	24.00	
22	DILWORTH DIST_CHARLOTTE_NC			DIST		24.00	2.40	0.6
23	DILWORTH DIST CHARLOTTE NC			DIST		24.00	2.40	0.6
24	DILWORTH DIST CHARLOTTE NC			DIST		24.00	2.40	0.6
25	DILWORTH DIST CHARLOTTE NC			DIST		24.00	2.40	0.6
26	DILWORTH DIST CHARLOTTE NC			DIST		24.00	6.90	2.4
27	DILWORTH DIST CHARLOTTE NC			DIST		24.00	6.90	2.4
28	DILWORTH DIST CHARLOTTE NC			DIST		24.00	6.90	2.4
29	DILWORTH DIST CHARLOTTE NC			DIST		24.00	6.90	2.4
	DIXIE TIE GASTONIA NC			TRANS		100.00	44.00	
	DIXIE TIE GASTONIA NC			TRANS		100.00		
	DIXIE TIE GASTONIA NC			TRANS		100.00		
	DIXON RET ANDERSON SC			DIST		100.00		
34	DOBSON RET DOBSON NC			DIST		44.00	6.90	
	DOBSON RET DOBSON NC			DIST		44.00	6.90	
	DOBSON RET DOBSON NC			DIST		44.00		2.4
	DOBSON RET DOBSON NC			DIST		44.00		2.4
	DOCHENO RET HONEA PATH SC			DIST		44.00		
	DOCHENO RET HONEA PATH SC			DIST		44.00		
40	DRAKA COMTEQ T&D CLAREMONT NC			DIST		100.00	24.00	13.0

	e of Respondent	This (1)		ort Is: An Original	Date of Rep (Mo, Da, Yr)	ort	Year/Period of	•
Duke	Energy Carolinas, LLC	(2)		A Resubmission	04/12/2018		End of 20	017/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 su dicate in column (b) the functional character ided or unattended. At the end of the page, so mn (f).	street Va exc ubstati of eac	raily cept ons ch su	way customer should not those serving customers must be shown. ubstation, designating wh	t be listed below s with energy for nether transmis	w. or resale, mag sion 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	DUKE UNIV MN DURHAM NC			DIST		100.00	44.00	
2	DUKE UNIV MN DURHAM NC			DIST		100.00	44.00	
3	DUKE UNIV MN DURHAM NC			DIST		100.00	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	0.20	
	DUKE UNIV MN DURHAM NC			DIST		24.00		
	DUKE UNIV STA 1 DURHAM NC			DIST		44.00	13.00	
	DUKE UNIV STA 1 DURHAM NC			DIST		44.00		
	DUKE UNIV STA 2 DURHAM NC			DIST		44.00	13.00	
	DUKE UNIV STA 2 DURHAM NC			DIST		44.00	13.00	
	DUKE UNIV STA 2 DURHAM NC			DIST		44.00	13.00	
	DUKE UNIV STA 3 DURHAM NC			DIST		44.00	13.00	
	DUKE UNIV STA 3 DURHAM NC			DIST		44.00		
	DUKE UNIV STA 4 DURHAM NC			DIST		44.00	13.00	
	DUKE UNIV STA 4 DURHAM NC			DIST		44.00	13.00	
	DUKE UNIV STA 5 DURHAM NC			DIST		44.00	13.00	
	DUKE UNIV STA 5 DURHAM NC			DIST		44.00	13.00	
	DUKE UNIV STA 5 DURHAM NC			DIST		44.00	13.00	
	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		44.0
	E DURHAM TIE DURHAM NC			TRANS		230.00		44.0
	E DURHAM TIE DURHAM NC			TRANS		44.00		
	E FRANKLIN RET FRANKLIN NC			DIST		66.00		
	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	2.4

Nam	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	04/12/2018	End of 2	017/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 MV 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 obstati 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 resale, the hether transmission or di	may be grouped	nether
ine	Name and Location of Substation		Character of Sul	pototion	VOLTAGE (In M	Va)
No.	(a)		(b)	Primary (c)	Secondary (d)	Tertiary (e)
1	E MAIDEN RET MAIDEN NC		DIST	, ,	.00 13.00	. ,
2	E SPARTANBURG TIE SPARTANBURG SC		TRANS	100	.00 44.00	
3	E SPARTANBURG TIE SPARTANBURG SC		TRANS	100	.00 44.00	
4	E SPARTANBURG TIE SPARTANBURG SC		TRANS	100	.00 44.00	
5	E SPARTANBURG TIE SPARTANBURG SC		TRANS	100	.00 6.90	2.40
6	E SPARTANBURG TIE SPARTANBURG SC		TRANS	100	.00 6.90	2.40
7	E SPARTANBURG TIE SPARTANBURG SC		TRANS	100	.00 6.90	
8	E SPARTANBURG TIE SPARTANBURG SC		TRANS	100	.00 6.90	2.40
9	E SPARTANBURG TIE SPARTANBURG SC		TRANS	44	.00 6.90	2.40
10	E SPARTANBURG TIE SPARTANBURG SC		TRANS	44	.00 6.90	2.40
	E SPARTANBURG TIE SPARTANBURG SC		TRANS	44	.00 6.90	2.40
12	E SYLVA RET SYLVA NC		DIST	66	.00 13.00	
13	E SYLVA RET SYLVA NC		DIST	66	.00 13.00	
	E THOMASVILLE RET THOMASVILLE NC		DIST	100	.00 13.00	
15	E THOMASVILLE RET THOMASVILLE NC		DIST	100	.00 13.00	
16	EASLEY CITY DEL 3 EASLEY SC		DIST	100	.00 24.00	13.00
17	EASLEY CITY DEL 3 EASLEY SC		DIST	100	.00 44.00	24.00
	EASLEY CITY DEL 4 EASLEY SC		DIST	100	.00 13.00	
	EASLEY MN EASLEY SC		TRANS	100	.00 13.00	
	EASLEY MN EASLEY SC		TRANS	100	.00 13.00	
	EASLEY MN EASLEY SC		TRANS	100	.00 13.00	
22	EASLEY MN EASLEY SC		TRANS	100	.00 44.00	
23	EASLEY MN EASLEY SC		TRANS	100		
24	EASTATOE RET PICKENS SC		DIST	100	.00 13.00	
25	EASTFIELD RD RET CONCORD NC		DIST	100	.00 13.00	
26	EASTFIELD RD RET CONCORD NC		DIST	100		
27	EASTGATE RET CHAPEL HILL NC		DIST	100	.00 13.00	
28	EASTGATE RET CHAPEL HILL NC		DIST	100	.00 13.00	
29	EASTOVER RET GREENVILLE SC		DIST	100	.00 13.00	
30	EASTOVER RET GREENVILLE SC		DIST	100	.00 13.00	
31	EASY ST RET CONCORD NC		DIST	44	.00 13.00	
32	EBENEZER RET TRAVELERS REST SC		DIST	100	.00 13.00	
33	EBERT RD RET WINSTON-SALEM NC		DIST	100	.00 13.00	
34	EDNEYVILLE RET HENDERSONVILLE NC		DIST	44	.00 13.00	
35	EDNEYVILLE RET HENDERSONVILLE NC		DIST	44	.00 13.00	
36	EFLAND RET EFLAND NC		DIST	44	.00 13.00	
37	EFLAND RET EFLAND NC		DIST	44	.00 13.00	
38	ELECTROLUX ANDERSON PL ANDERSON SO	2	DIST	44	.00 13.00	
39	ELIZABETH AVE RET CHARLOTTE NC		DIST	100	.00 24.00	
40	ELIZABETH AVE RET CHARLOTTE NC		DIST	100	.00 24.00	

	e of Respondent	This Report	ls: Original	Date of Repo (Mo, Da, Yr)	rt	Year/Period of	•
Duke	e Energy Carolinas, LLC		Resubmission	04/12/2018		End of20	)17/Q4
		<del></del>	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 must 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 transmiss	resale, mag	bution and whe	ether
Line	Name and Location of Cubatation		Character of Sub	atation.	V	OLTAGE (In MV	'a)
No.	Name and Location of Substation (a)		(b)	ostation	Primary (c)	Secondary (d)	Tertiary (e)
1	ELIZABETH AVE RET CHARLOTTE NC		DIST		100.00	24.00	(0)
	ELIZABETH AVE RET CHARLOTTE NC		DIST		100.00	13.00	
3	ELIZABETH AVE RET CHARLOTTE NC		DIST		100.00	13.00	
4			DIST		100.00	13.00	
5	ELIZABETH AVE RET CHARLOTTE NC		DIST		24.00	4.10	2.40
	ELIZABETH AVE RET CHARLOTTE NC		DIST		24.00	4.10	2.40
7			DIST		100.00	13.00	
8	ELK VALLEY RET ELKIN NC		DIST		100.00	13.00	
9	ELKIN RET ELKIN NC		DIST		44.00	2.40	
10	ELKIN RET ELKIN NC		DIST		44.00	2.40	
11	ELKIN RET ELKIN NC		DIST		44.00	2.40	
12	ELKIN RET ELKIN NC		DIST		44.00	2.40	0.60
13	ELKIN RET ELKIN NC		DIST		44.00	6.90	2.40
14	ELKIN RET ELKIN NC		DIST		44.00	6.90	2.40
15	ELKIN RET ELKIN NC		DIST		44.00	6.90	2.40
16	ELKIN RET ELKIN NC		DIST		44.00	6.90	2.40
17	ELLERBEE RET CHAPEL HILL NC		DIST		100.00	13.00	
18	ELLIOTT RET SHELBY NC		DIST		100.00	13.00	
19	ELLIOTT RET SHELBY NC		DIST		100.00	13.00	
20	ELLIS RD RET DURHAM NC		DIST		100.00	24.00	
21	ELLIS RD RET DURHAM NC		DIST		100.00	24.00	
22	ELMWOOD RET ELMWOOD NC		DIST		100.00	24.00	
23	EMERALD RD RET GREENWOOD SC		DIST		100.00	13.00	
24	ENERGYUNITED EMC DEL 11 TAYLORSVILLE	NC	DIST		100.00	24.00	13.00
25	ENERGYUNITED EMC DEL 11 TAYLORSVILLE	NC	DIST		100.00	24.00	13.00
26	ENERGYUNITED EMC DEL 11 TAYLORSVILLE	NC	DIST		100.00	24.00	13.00
27	ENERGYUNITED EMC DEL 11 TAYLORSVILLE	NC	DIST		100.00	24.00	13.00
28	ENO RET DURHAM NC		DIST		44.00	24.00	
29	ENO RET DURHAM NC		DIST		44.00	24.00	13.00
30	ENO TIE DURHAM NC		TRANS		230.00	100.00	44.00
31	ENO TIE DURHAM NC		TRANS		230.00	100.00	44.00
32	ENO TIE DURHAM NC		TRANS		230.00	100.00	44.00
33	ENO TIE DURHAM NC		TRANS		230.00	100.00	13.00
34	ENO TIE DURHAM NC		TRANS		44.00		
35	ENO TIE DURHAM NC		TRANS		44.00		
36	ENO TIE DURHAM NC		TRANS		44.00	0.40	
37	ENO TIE DURHAM NC		TRANS		13.00	0.40	0.20
38	ENOCHVILLE RET KANNAPOLIS NC		DIST		100.00	13.00	
	ENOCHVILLE RET KANNAPOLIS NC		DIST		100.00	13.00	
40	ENOLA RET SPARTANBURG SC		DIST		100.00	13.00	

	e of Respondent	This Report (1) X An	ls: Original	Date of Repo (Mo, Da, Yr)	ort	Year/Period of	•
Duke	e Energy Carolinas, LLC		tesubmission	04/12/2018		End of 20	017/Q4
			SUBSTATIONS		•		
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Line	Name and Landing of Outstation		Oh ava atau af Out	-1-1:	V	OLTAGE (In M\	/a)
No.	Name and Location of Substation (a)		Character of Sub	estation	Primary (c)	Secondary (d)	Tertiary (e)
1	ENOLA RET SPARTANBURG SC		DIST		100.00	13.00	(6)
	FAIR GROVE RET THOMASVILLE NC		DIST		100.00	13.00	
3			DIST		100.00	24.00	
4	FAIRFAX RD RET GREENSBORO NC		DIST		100.00	24.00	
	FAIRFAX RD RET GREENSBORO NC		DIST		100.00	24.00	
	FAIRNTOSH RET DURHAM NC		DIST		100.00		
ļ	FAIRNTOSH RET DURHAM NC		DIST		100.00	24.00	
	FAIRPLAINS RET NORTH WILKESBORO NC		DIST		100.00	13.00	
	FAIRPLAINS RET NORTH WILKESBORO NC		DIST		100.00	13.00	
	FAIRVIEW TIE FOREST CITY NC		TRANS		100.00	44.00	
	FAIRVIEW TIE FOREST CITY NC		TRANS		100.00	44.00	
	FAIRVIEW TIE FOREST CITY NC		TRANS		100.00	44.00	
ļ	FAITH RET SALISBURY NC		DIST		100.00	13.00	
	FAITH RET SALISBURY NC		DIST		100.00	13.00	
	FALL CREEK RET JONESVILLE NC		DIST		44.00	6.90	2.40
	FALL CREEK RET JONESVILLE NC		DIST		44.00	6.90	2.40
	FALL CREEK RET JONESVILLE NC		DIST		44.00	6.90	2.40
	FALL CREEK RET JONESVILLE NC		DIST		44.00	6.90	2.40
ļ	FALL CREEK RET JONESVILLE NC		DIST		44.00	6.90	
	FALL CREEK RET JONESVILLE NC		DIST				
<u> </u>	FALL CREEK RET JONESVILLE NC				44.00	-	2.40
			DIST		44.00		2.40
	FANTS GROVE RET PENDLETON SC		DIST		44.00		
	FANTS GROVE RET PENDLETON SC		DIST		44.00		
	FANTS GROVE RET PENDLETON SC	<b>.</b>	DIST		44.00		
-	FIDDLERS CREEK RET WINSTON-SALEM NO		DIST		100.00		
	FIDDLERS CREEK RET WINSTON-SALEM NO	<del></del>	DIST		100.00		
	FINGERVILLE RET FINGERVILLE SC		DIST		100.00		
	FIRST ST RET HICKORY NC		DIST		44.00	13.00	4.10
	FIRST ST RET HICKORY NC		DIST		44.00		4.10
	FIRST ST RET HICKORY NC		DIST		44.00		2.40
	FIRST ST RET HICKORY NC		DIST		44.00		2.40
	FIRST ST RET HICKORY NC		DIST		44.00		2.40
-	FIRST ST RET HICKORY NC		DIST		44.00		2.40
	FISHER SS CHARLOTTE NC		DIST		100.00		
	FISHER SS CHARLOTTE NC		DIST		100.00		
	FISHER SS CHARLOTTE NO		DIST		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		
40	FLAT ROCK RET ANDERSON SC		DIST		44.00	13.00	

	e of Respondent	This Report I		Date of Report (Mo, Da, Yr)	Year/Period o	•
Duke	e Energy Carolinas, LLC	(2) AR	esubmission	04/12/2018	End of2	2017/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 add 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. tation, designating wh	t be listed below.  s with energy for resale,  nether transmission or d	may be grouped	hether
Line					VOLTAGE (In M	IVa)
No.	Name and Location of Substation		Character of Sub	Primar	,	Tertiary
	(a)		(b)	(C)	(d) 4.00 13.00	(e)
	FLAT ROCK RET ANDERSON SC		DIST			
	FLAT ROCK RET ANDERSON SC		DIST		4.00 13.00	
	FLAY RET LINCOLNTON NC		DIST		4.00 6.90	
	FLAY RET LINCOLNTON NC		DIST		4.00 6.90	
	FLAY RET LINCOLNTON NC		DIST		4.00 6.90	
	FLAY RET LINCOLNTON NC		DIST		4.00 6.90	
	FLORIDA AVE RET GREENWOOD SC		DIST		4.00 6.90	
	FLORIDA AVE RET GREENWOOD SC		DIST		4.00 6.90	
	FLORIDA AVE RET GREENWOOD SC		DIST		4.00 6.90	
	FLORIDA AVE RET GREENWOOD SC		DIST		4.00 13.00	
	FOREST CITY DEL 2 FOREST CITY NC		DIST		4.00 6.90	
	FOREST CITY DEL 2 FOREST CITY NC		DIST		4.00 6.90	
	FOREST CITY DEL 2 FOREST CITY NC		DIST		4.00 6.90	
	FOREST CITY DEL 2 FOREST CITY NC		DIST		4.00 6.90	
	FOREST CITY DEL 2 FOREST CITY NC		DIST		4.00 6.90	
	FOREST CITY DEL 2 FOREST CITY NC		DIST		4.00 6.90	
	FOREST CITY DEL 2 FOREST CITY NC		DIST		4.00 6.90	
	FOREST CITY DEL 3 FOREST CITY NC		DIST		4.00 13.00	
	FOREST CITY DEL 3 FOREST CITY NC		DIST		4.00 13.00	
	FOREST HILL RET GREENWOOD SC		DIST		4.00 13.00	
	FOREST HILL RET GREENWOOD SC		DIST		4.00 13.00	
	FOREST LAKE RET FORT MILL SC		DIST		4.00 24.00	
	FOUR SEASONS RET CHARLOTTE NO		DIST		0.00 24.00	
	FOUR SEASONS RET CHARLOTTE NC		DIST		0.00 24.00	
	FRIEDEN RET GIBSONVILLE NC		DIST		0.00 24.00	
	FRIEDEN RET GIBSONVILLE NC		DIST		0.00 24.00	
	FRIENDSHIP RET GREENSBORO NC		DIST		0.00 24.00	
	FRIENDSHIP RET GREENSBORO NC		DIST		0.00 24.00	
	FRONTIER SPINNING M PL 3 MAYODAN NC		DIST		4.00 0.20	
	FRONTIER SPINNING M PL 3 MAYODAN NC		DIST		4.00 0.20 4.00 0.20	
	FRONTIER SPINNING M PL 3 MAYODAN NC FRONTIER SPINNING M PL 3 MAYODAN NC		DIST		4.00 0.20 4.00 0.20	
			DIST		4.00 0.20 4.00 0.20	
	FRONTIER SPINNING M PL 3 MAYODAN NC FRONTIER SPINNING M PL 3 MAYODAN NC		DIST		4.00 0.20 4.00 0.20	
	FURR RD RET HUNTERSVILLE NC		DIST		4.00 13.00 0.00 24.00	
	GAFFNEY CITY DEL 1A & 1B GAFFNEY SC		DIST			
	GAFFNEY CITY DEL 1A & 1B GAFFNEY SC				0.00 24.00	
	GAFFNEY TIE GAFFNEY SC GAFFNEY TIE GAFFNEY SC		TRANS TRANS		0.00 24.00 0.00 24.00	
	GAFFNEY TIE GAFFNEY SC		TRANS		0.00 24.00	
+0	CALINET HE CALLINET OC		TOTAL		24.00	

	e of Respondent	This Report is:   (1)	Date of Report (Mo, Da, Yr)	Year/Period of	
Duke	e Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of 20	017/Q4
		SUBSTATIONS	ļ		
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Line				/OLTAGE (In M\	/a)
No.	Name and Location of Substation	Character of Sub	Primary	Secondary	Tertiary
1	(a) GAFFNEY TIE GAFFNEY SC	TRANS	(c) 100.00	(d) 24.00	(e)
2		TRANS	100.00		
		TRANS	100.00		
3					
4	GAFFNEY TIE GAFFNEY SC	TRANS	100.00		
5		TRANS	44.00		
6	GAFFNEY TIE GAFFNEY SC GARRETT RD RET DURHAM NC	TRANS	44.00		
		DIST	100.00		
8	GARRETT RD RET DURHAM NC	DIST	100.00		
9	GASTONIA CITY DEL 10 GASTONIA NO	DIST	100.00		
		DIST	100.00	13.00	
	GASTONIA CITY DEL 10 GASTONIA NO	DIST	400.00	12.00	
12 13		DIST	100.00		
14	GASTONIA CITY DEL 12 GASTONIA NC	DIST	100.00		
		DIST	44.0		
		DIST	44.00		2.40
	GASTONIA CITY DEL 2 GASTONIA NO	DIST	44.00		2.40
		DIST	44.00		2.40
		DIST	100.00		2.40
	GASTONIA CITY DEL 6 GASTONIA NC	DIST	100.00		
	GASTONIA CITY DEL 7 GASTONIA NC	DIST	44.0		2.40
	GASTONIA CITY DEL 7 GASTONIA NC	DIST	44.0		2.40
	GASTONIA CITY DEL 7 GASTONIA NO	DIST	44.0		2.40
	GASTONIA CITY DEL 7 GASTONIA NC	DIST	44.0		2.40
	GASTONIA CITY DEL 7 GASTONIA NO	DIST	44.0		6.90
	GASTONIA CITY DEL 7 GASTONIA NC	DIST	44.0		6.90
	GASTONIA CITY DEL 7 GASTONIA NC	DIST	44.0		6.90
	GASTONIA CITY DEL 9 GASTONIA NC	DIST	100.00		0.00
	GASTONIA CITY DEL 9 GASTONIA NC	DIST	100.00		
	GATEWAY RET WHITTIER NC	DIST	66.0		
	GATEWAY RET WHITTIER NC	DIST	66.0		
	GATEWOOD RET GATEWOOD NC	DIST	44.00		
	GENELEE RET DURHAM NC	DIST	100.00		
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		
37	GILBREATH RET GRAHAM NC	DIST	24.0	13.00	
	GILBREATH RET GRAHAM NC	DIST	24.00		
	GLEN ALPINE RET GLEN ALPINE NC	DIST	44.0	13.00	
40	GLEN ALPINE RET GLEN ALPINE NC	DIST	44.0	6.90	

	e of Respondent	This (1)		ort Is: An Original	Date of Re (Mo, Da, Y	port r)	Year/Period of	Report 017/Q4
Duke	e Energy Carolinas, LLC	(2)		A Resubmission	04/12/2018		End of 20	717/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 subdicate in column (b) the functional character inded or unattended. At the end of the page, smn (f).	street Va exc lbstati of eac	rai cep ons ch s	way customer should no those serving customers must be shown. ubstation, designating wh	t be listed belo s with energy f nether 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	GLEN ALPINE RET GLEN ALPINE NC			DIST		44.00	6.90	
2	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		
	GLENOLA RET GLENOLA NC			DIST		100.00	13.00	
	GLENOLA RET GLENOLA NC			DIST		100.00		
	GLENWAY SS STATESVILLE NC			DIST		100.00		
	GLENWOOD RET MARION NC			DIST		100.00		
	GLENWOOD RET MARION NC			DIST		100.00	13.00	
		K NC		DIST		100.00		
	GRAHAM ST RET CHARLOTTE NC			DIST		100.00		
	GRAHAM ST RET CHARLOTTE NC			DIST		100.00		
	GRAHAM ST RET CHARLOTTE NC			DIST		100.00		
	GRAHAM ST RET CHARLOTTE NC			DIST		100.00		
	GRAHAM ST RET CHARLOTTE NC			DIST		100.00		
	GRAHAM ST RET CHARLOTTE NC			DIST		13.00		
	GRAHAM ST RET CHARLOTTE NC			DIST		13.00		
	GRAHAM ST RET CHARLOTTE NC			DIST		13.00		
<b>—</b>	GRAHAM ST RET CHARLOTTE NC			DIST		13.00	-	
	GRANITE FALLS CITY DEL 2 GRANITE FALLS	NC		DIST		44.00		
	GRASSY POND RET GRASSY POND SC			DIST		44.00		
	GRASSY POND RET GRASSY POND SC			DIST		44.00		
	GREAT FALLS HYDRO STA GREAT FALLS SO			TRANS		44.00		
	GREAT FALLS HYDRO STA GREAT FALLS SO			TRANS		44.00		
	GREAT FALLS HYDRO STA GREAT FALLS SO			TRANS		44.00		
	GREAT FALLS HYDRO STA GREAT FALLS SO	<i></i>		TRANS		44.00		
	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		
	GREEN ST RET DURHAM NO			DIST		100.00		
	GREEN ST RET DURHAM NC			DIST		100.00		
	GREENBRIAR SW STA SIMPSONVILLE SC GREENBRIAR SW STA SIMPSONVILLE SC			DIST		100.00		
						100.00		
	GREENBRIAR SW STA SIMPSONVILLE SC GREENSBORO MN GREENSBORO NC			DIST TRANS		100.00 100.00		2.4
	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	CALLINODORO MIN GALLINODORO NO			TIVANO		100.00	0.90	2.4

	e of Respondent	This Report is:   (1)   X An Original	(Mo, Da, Yr)	Year/Period of	
Duke	e Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of 2	017/Q4
		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 substation 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 ubstations must be shown. of each substation, designating wh	t be listed below. s with energy for resale, mannether transmission or dist	ibution and wh	ether
Line				/OLTAGE (In M\	/a)
No.	Name and Location of Substation	Character of Sub	Primary	Secondary	Tertiary
	(a)	(b)	(C)	(d)	(e)
1	GREENSBORO MN GREENSBORO NC	TRANS	100.00		
2	GREENSBORO MN GREENSBORO NC	TRANS	100.00		
3	GREENSBORO MN GREENSBORO NC	TRANS	100.00		
4	GREENSBORO MN GREENSBORO NC	TRANS	100.00		
5	GREENSBORO MN GREENSBORO NC	TRANS	100.00		
6	GREENVILLE MN GREENVILLE SC	TRANS	100.00		
		TRANS	100.00		
8 9	GREENVILLE MN GREENVILLE SC GREENVILLE MN GREENVILLE SC	TRANS TRANS	100.00		
	GREENVILLE MN GREENVILLE SC GREENVILLE MN GREENVILLE SC	TRANS TRANS	100.00		24.00
	GREENVILLE MN GREENVILLE SC	TRANS	100.00		24.00
12 13	GREENVILLE MN GREENVILLE SC	TRANS	100.00		
14	GREENVILLE MN GREENVILLE SC	TRANS	100.00		
		TRANS	100.00		
		TRANS	100.00		
	GREENVILLE MN GREENVILLE SC	TRANS	100.00		
		TRANS	24.00		
	GREENWOOD CITY DEL 1 GREENWOOD SC		44.00		
	GREENWOOD CITY DEL 1 GREENWOOD SC		44.00		
	GREENWOOD CITY DEL 3 GREENWOOD SC		44.00		
	GREENWOOD CITY DEL 4 GREENWOOD SC				
	GREENWOOD CITY DEL 4 GREENWOOD SC	-	44.00		
			44.00		
	GREENWOOD CITY DEL 5 GREENWOOD SC		44.00		
	GREENWOOD TIE GREENWOOD SC	TRANS 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		4.10
	GREER CITY STA 2 GREER SC	DIST	100.00		4.10
	GREER RET GREER SC	DIST	100.00		4.10
	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	44.0		
	GTP GREENVILLE INC GREENVILLE SC	DIST	44.00		
.•	5		, 41.00	20	

	e of Respondent	This (1)		rt Is: \n Original	Date of Re (Mo, Da, Yi	oort ')	Year/Period of	•
Duke	e Energy Carolinas, LLC	(2)		Resubmission	04/12/2018		End of 20	017/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 add or unattended. At the end of the page, smn (f).	street Va exc ubstati of eac	railw cept f ons r ch su	vay customer should not those serving customers must be shown. lbstation, 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			Character of Sub	station	Primary	Secondary	Tertiary
	(a)			(b)		(c)	(d)	(e)
1	GTP GREENVILLE INC GREENVILLE SC			DIST		44.00	2.40	
2	GTP GREENVILLE INC GREENVILLE SC			DIST		44.00	2.40	
3	GUTHRIE RET WINSTON-SALEM NC			DIST		100.00	13.00	
4	GUTHRIE RET WINSTON-SALEM NC			DIST		100.00	13.00	
5	HAMPTON AVE RET SPARTANBURG SC			DIST		100.00	13.00	
6	HAMPTON AVE RET SPARTANBURG SC			DIST		100.00	13.00	
7	HAMPTON AVE RET SPARTANBURG SC			DIST		44.00	2.40	
	HAMPTON AVE RET SPARTANBURG SC			DIST		44.00	2.40	
9	HAMPTON AVE RET SPARTANBURG SC			DIST		44.00	2.40	
10	HAMPTON AVE RET SPARTANBURG SC			DIST		44.00	2.40	
	HARRISBURG TIE CHARLOTTE NC			TRANS		230.00		44.0
	HARRISBURG TIE CHARLOTTE NC			TRANS		230.00	100.00	44.0
	HARRISBURG TIE CHARLOTTE NC			TRANS		230.00		44.0
	HARRISBURG TIE CHARLOTTE NC			TRANS		230.00	100.00	44.0
	HARRISBURG TIE CHARLOTTE NC			TRANS		44.00		
	HARRISBURG TIE CHARLOTTE NC			TRANS		44.00	0.60	
	HARRISBURG TIE CHARLOTTE NC			TRANS		44.00	0.60	
	HARRISBURG TIE CHARLOTTE NC			TRANS		44.00	0.60	
	HARRISBURG TIE CHARLOTTE NC			TRANS		44.00	2.40	0.6
	HARRISBURG TIE CHARLOTTE NC			TRANS		44.00		0.6
	HARRISBURG TIE CHARLOTTE NC			TRANS		44.00		0.6
	HARTFORD AVE RET BESSEMER CITY NC			DIST		44.00		
	HARTFORD AVE RET BESSEMER CITY NC			DIST		44.00		
	HAW RIVER RET HAW RIVER NC			DIST		13.00		0.6
	HAW RIVER RET HAW RIVER NC			DIST		13.00		0.6
	HAW RIVER RET HAW RIVER NC			DIST		44.00		
	HAW RIVER RET HAW RIVER NC			DIST		13.00		0.6
	HAW RIVER RET HAW RIVER NC			DIST		13.00		0.6
	HAWTHORNE RD RET WINSTON-SALEM NC			DIST		100.00		
	HAWTHORNE RD RET WINSTON-SALEM NC			DIST		100.00		
	HAWTHORNE RD RET WINSTON-SALEM NC			DIST		100.00		
	HAWTHORNE RD RET WINSTON-SALEM NC			DIST		100.00		
	HAWTHORNE RD RET WINSTON-SALEM NC			DIST		100.00		
	HAYS RET HAYS NC			DIST		44.00		
	HEATH RET RANDLEMAN NC			DIST		100.00		
	HEATH RET RANDLEMAN NC			DIST		100.00		
	HENDERSONVILLE TIE EAST FLAT ROCK NO			TRANS		100.00		
	HENDERSONVILLE TIE EAST FLAT ROCK NO			TRANS		100.00		
	HENDERSONVILLE TIE EAST FLAT ROCK NO HENSLEY RD RET FORT MILL SC			TRANS DIST		24.00 13.00		
40	TIENOLET NO NET TONT WILL SO			וטוטן		13.00	2.40	

	e of Respondent	This Re	eport Is: ( An Original	Date of Report (Mo, Da, Yr)	Year/Period o	•
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of 2	2017/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 range of exception states of exception states of each	ailway customer should no pt those serving customer ns must be shown. substation, designating w	t be listed below. s with energy for resale, hether transmission or d	may be grouped	nether
Line					VOLTAGE (In M	Va)
No.	Name and Location of Substation		Character of Sul	Primary		Tertiary
1	(a) HENSLEY RD RET FORT MILL SC		(b)	(c)	(d) 3.00 2.40	(e)
	HENSLEY RD RET FORT MILL SC		DIST		3.00 2.40	
	HENSLEY RD RET FORT MILL SC		DIST			
	HENSLEY RD RET FORT MILL SC		DIST		3.00 2.40	
4	HENSLEY RD RET FORT MILL SC				6.90	
	HENSLEY RD RET FORT MILL SC		DIST		i.00 6.90 i.00 6.90	
	HENSLEY RD RET FORT MILL SC		DIST		i.00 6.90 i.00 6.90	
	HENSLEY RD RET FORT MILL SC		DIST		i.00 6.90	
9			DIST		i.00 6.90	
	HENSLEY RD RET FORT MILL SC HICKORY GROVE RET CHARLOTTE NC		DIST		6.90 0.00 13.00	
	HICKORY GROVE RET CHARLOTTE NC		DIST		0.00 13.00 0.00 13.00	
	HICKORY GROVE RET CHARLOTTE NC		DIST		0.00 13.00	
	HICKORY TIE HICKORY NC		TRANS		0.00 13.00	
	HICKORY TIE HICKORY NC		TRANS		0.00 44.00	
	HICKORY TIE HICKORY NC		TRANS		0.00 44.00	
			_			
	HICKORY TIE HICKORY NC		TRANS		0.20	
	HIDDENITE RET HIDDENITE NO		DIST		13.00	
	HIDDENITE RET HIDDENITE NO		DIST		6.90	
	HIDDENITE RET HIDDENITE NC HIDDENITE RET HIDDENITE NC		DIST		6.90	
-			DIST		6.90	
	HIDDENITE RET HIDDENITE NC		DIST		6.90	
	HIGH SHOALS RET HIGH SHOALS NC		DIST		3.00 2.40	
	HIGH SHOALS RET HIGH SHOALS NC		DIST		3.00 2.40	
	HIGH SHOALS RET HIGH SHOALS NC		DIST		3.00 2.40	
	HIGH SHOALS RET HIGH SHOALS NC		DIST		13.00	
	HIGH SHOALS RET HIGH SHOALS NC		DIST		13.00	
	HIGHLANDS RET HIGHLANDS NC		DIST		3.00 13.00	
	HIGHLANDS RET HIGHLANDS NC		DIST		3.00 13.00	
	HIGHTOWER RET TAYLORS SC		DIST		0.00 13.00	
	HIGHTOWER RET TAYLORS SC		DIST		0.00 13.00	
	HILL ST RET CHARLOTTE NO		DIST		0.00 24.00	
	HILL ST RET CHARLOTTE NO		DIST		24.00	
	HILL ST RET CHARLOTTE NC		DIST		24.00	
	HILLBROOK RET SPARTANBURG SC		DIST		0.00 13.00	
	HILLBROOK RET SPARTANBURG SC		DIST		0.00 13.00	
	HILLSBOROUGH RET HILLSBOROUGH NC		DIST		6.90	
	HILLSBOROUGH RET HILLSBOROUGH NC		DIST		6.90	
	HILLSBOROUGH RET HILLSBOROUGH NC		DIST		6.90	
40	HILLSBOROUGH RET HILLSBOROUGH NC		DIST	44	1.00 6.90	

Name	e of Respondent	This Report is:   (1)	(Mo, Da, Yr)	Year/Period of	•
Duke	e Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of 20	017/Q4
		SUBSTATIONS	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 ded or unattended. At the end of the page, smn (f).	street railway customer should no Va except those serving customers ubstations must be shown. of each substation, designating wh	t be listed below. s with energy for resale, ma hether transmission or distr	ibution and wh	ether
Line	Name and Location of Cubatation	Character of Cub		/OLTAGE (In MV	/a)
No.	Name and Location of Substation (a)	Character of Sub	Primary (c)	Secondary (d)	Tertiary (e)
1	HILLSBOROUGH RET HILLSBOROUGH NC	DIST	44.00	· · · · ·	(-)
2	HILLSBOROUGH RET HILLSBOROUGH NC	DIST	44.00	6.90	2.40
3	HILLTOP TIE KINGS MOUNTAIN NC	TRANS	100.00	44.00	
		TRANS	100.00	+	
	HILLTOP TIE KINGS MOUNTAIN NC	TRANS	100.00		
6	HILLTOP TIE KINGS MOUNTAIN NC	TRANS	100.00	+	
	HILLTOP TIE KINGS MOUNTAIN NC	TRANS	24.00	0.20	
8	HINSHAW RET WINSTON-SALEM NC	DIST	100.00	13.00	
	HINSHAW RET WINSTON-SALEM NC	DIST	100.00	13.00	
10	HINSHAW RET WINSTON-SALEM NC	DIST	100.00	13.00	
	HITACHI METALS LTD CHINA GROVE NC	DIST	44.00		
	HODGES TIE HODGES SC	TRANS	230.00		44.00
	HODGES TIE HODGES SC	TRANS	230.00	100.00	44.00
14	HODGES TIE HODGES SC	TRANS	44.00	<del>                                     </del>	
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	
32	HORSESHOE TIE HENDERSONVILLE NC	TRANS	24.00	0.20	
33	HORSESHOE TIE HENDERSONVILLE NC	TRANS	100.00	44.00	
34	HORSESHOE TIE HENDERSONVILLE NC	TRANS	24.00	0.20	
35	HORTON RD RET DURHAM NC	DIST	100.00	13.00	
36	HORTON RD RET DURHAM NC	DIST	100.00	13.00	
37	HUDLOW RET RUTHERFORDTON NC	DIST	100.00	13.00	
38	HUDSON ST RET GREENVILLE SC	DIST	100.00	13.00	
39	HUDSON ST RET GREENVILLE SC	DIST	100.00	13.00	
40	HUDSON ST RET GREENVILLE SC	DIST	100.00	13.00	

Name	e of Respondent	(1) X An (		Date of Report (Mo, Da, Yr)		Year/Period of	
Duke	e Energy Carolinas, LLC	· · · —	esubmission	04/12/2018		End of 20	017/Q4
			SUBSTATIONS				
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Line			0, , ,		V	OLTAGE (In MV	/a)
No.	Name and Location of Substation		Character of Sub	Prim	. *	Secondary (d)	Tertiary (e)
1	(a) HUNTERSVILLE CITY HUNTERSVILLE NC		DIST	(0	44.00	13.00	(6)
			DIST		44.00	13.00	
	HURRICANE CREEK RET ANDERSON SC		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	13.00	
	IBM CHARLOTTE PL SS CHARLOTTE NC		DIST		100.00	24.00	
	IBM CHARLOTTE PL SS CHARLOTTE NC		DIST		100.00	24.00	
	ICARD RET ICARD NC		DIST		44.00	6.90	
	ICARD RET ICARD NC		DIST		44.00	6.90	
10	ICARD RET ICARD NC		DIST		44.00	6.90	
11	ICARD RET ICARD NC		DIST		44.00	6.90	
12	ICARD RET ICARD NC		DIST		44.00	6.90	
13	ICARD RET ICARD NC		DIST		44.00	6.90	
14	ICARD RET ICARD NC		DIST		44.00	6.90	
15	IMPERIAL RET DURHAM NC		DIST		100.00	24.00	
16	IMPERIAL RET DURHAM NC		DIST		100.00	24.00	
17	IMPERIAL RET DURHAM NC		DIST		100.00	24.00	
18	INDIAN LAND RET FORT MILL SC		DIST		100.00	13.00	
19	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
	JAMES ST RET CHAPEL HILL NC		DIST		100.00	13.00	
26	JENKINS BRANCH RET BRYSON CITY NC		DIST		66.00	13.00	
	JENKINS BRANCH RET BRYSON CITY NC		DIST		66.00	13.00	
	JESSUPTOWN RET GREENSBORO NC		DIST		100.00		
	JESSUPTOWN RET GREENSBORO NC		DIST		100.00		
	JOCASSEE HYDRO JOCASSEE SC		TRANS		230.00	13.00	
	JOCASSEE HYDRO JOCASSEE SC		TRANS		230.00		
	JOCASSEE HYDRO JOCASSEE SC		TRANS		230.00		
	JOCASSEE HYDRO JOCASSEE SC		TRANS		230.00		
	JOCASSEE HYDRO JOCASSEE SC		TRANS		13.00	0.40	
	JOCASSEE HYDRO JOCASSEE SC		TRANS		4.10		0.00
	JOCASSEE HYDRO JOCASSEE SC		TRANS		44.00	0.60	0.60
	JOCASSEE HYDRO JOCASSEE SC		TRANS		44.00	0.60	0.60
	JOCASSEE HYDRO JOCASSEE SC JOCASSEE HYDRO JOCASSEE SC		TRANS TRANS		44.00 44.00	0.60	0.60
	JOCASSEE HYDRO JOCASSEE SC		TRANS		13.00		0.00
<b>∓</b> ∪	SSS, ISSELTITING BOOMSSEE SO				10.00	0.40	
			<u> </u>				

	e of Respondent		Report Is		Date of Re (Mo, Da, Y	port r)	Year/Period of	Report 017/Q4
Duke	ıke Energy Carolinas, LLC		A Re	esubmission	04/12/2018		End of 20	717/Q4
				SUBSTATIONS		·		
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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				TRANS		4.10		
2				TRANS		13.00	0.40	
3				TRANS		13.00	0.40	
4	JOCASSEE HYDRO JOCASSEE SC			TRANS		13.00	0.60	
5				TRANS		500.00	230.00	24.0
6	JOCASSEE TIE JOCASSEE SC			TRANS		500.00		24.0
7	JOCASSEE TIE JOCASSEE SC			TRANS		500.00		24.0
8				TRANS		230.00	13.00	13.0
9				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	13.00	
	KANUGA RET HENDERSONVILLE NC			DIST		44.00	13.00	
	KENILWORTH RET CHARLOTTE NC			DIST		100.00	13.00	
	KENILWORTH RET CHARLOTTE NC			DIST		100.00	13.00	
	KENILWORTH RET CHARLOTTE NC			DIST		100.00	13.00	
	KEOWEE HYDRO NEWRY SC			TRANS		230.00	13.00	13.0
	KEOWEE HYDRO NEWRY SC			TRANS		13.00	0.20	
	KEOWEE HYDRO NEWRY SC			TRANS		13.00	0.20	
	KEOWEE HYDRO NEWRY SC			TRANS		13.00	-	
-	KEOWEE HYDRO NEWRY SC			TRANS		13.00		
	KEOWEE HYDRO NEWRY SC			TRANS		13.00		
	KEOWEE HYDRO NEWRY SC			TRANS		4.10		
	KERNERSVILLE RET KERNERSVILLE NC			DIST		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
40	KEY ST RET PILOT MOUNTAIN NC			DIST		44.00	13.00	

	Name of Respondent		This Report Is: Date of F (1) X An Original (Mo, Da,		Date of Re (Mo, Da, Y	port r)	Year/Period of Report				
Duke	e Energy Carolinas, LLC	(2)		A Resubmission	04/12/2018		End of 2	017/Q4			
	SUBSTATIONS  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 concertubstations which serve only one industrial or substations with capacities of Less than 10 MN inctional character, but the number of such substitute in column (b) the functional character inded or unattended. At the end of the page, smn (f).	street Va exc obstation	rail ept ons h si	way customer should not those serving customers must be shown. ubstation, designating wh	be listed below with energy factories the second mether transmi	ow. for 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			
1	(a) KEY ST RET PILOT MOUNTAIN NC			DIST (b)		(c) 44.0	(d) 00 13.00	(e)			
	KILDARE RET GREENSBORO NC			DIST		100.0					
3				DIST		100.0					
	KIMESVILLE RET KIMESVILLE NC			DIST							
4						44.0					
	KIMESVILLE RET KIMESVILLE NC KINCAID RD RET HUDSON NC			DIST		44.0					
-				DIST		100.0					
7 8				DIST		100.0					
9				DIST		100.0					
								2.40			
	KINGS MTN CITY DEL 2 KINGS MOUNTAIN N			DIST		44.0		2.40			
	KINGS MTN CITY DEL 2 KINGS MOUNTAIN N			DIST		44.0		2.40			
	KINGS MTN CITY DEL 2 KINGS MOUNTAIN N					44.0		2.40			
	KINGS MTN CITY DEL 2 KINGS MOUNTAIN NO			DIST		44.0		2.40			
	KINGS MTN MAIN KINGS MOUNTAIN NO			DIST		44.0					
	KINGS MTN MAIN KINGS MOUNTAIN NC			DIST		44.0					
	KINGSGATE RET GREENVILLE SC			DIST		100.0					
	KIT CREEK RET DURHAM NC			DIST		100.0		2.22			
	KIVETT DR RET HIGH POINT NO			DIST		100.0		6.90			
	KIVETT DR RET HIGH POINT NO			DIST		100.0		6.90			
	KIVETT DR RET HIGH POINT NO			DIST		100.0					
-	KIVETT DR RET HIGH POINT NO			DIST		100.0	_				
	KIVETT DR RET HIGH POINT NC			DIST		24.0					
	KIVETT DR RET HIGH POINT NO			DIST		24.0					
	KIVETT DR RET HIGH POINT NO			DIST		24.0					
	KIVETT DR RET HIGH POINT NC			DIST		24.0					
	KNIGHTS RET ROCK HILL SC			DIST		100.0					
	KNOLLWOOD RET SPARTANBURG SC			DIST		100.0					
	KNOLLWOOD RET SPARTANBURG SC			DIST		100.0					
	KUDZU RET CHARLOTTE NC			DIST		100.0					
	KUDZU RET CHARLOTTE NC			DIST		100.0					
	LAKE EMORY TIE FRANKLIN NC			TRANS TRANS		161.0 161.0					
	LAKE EMORY TIE FRANKLIN NC			TRANS		161.0					
	LAKE EMORY TIE FRANKLIN NC			TRANS		44.0					
	LAKE EMORY TIE FRANKLIN NC  LAKE EMORY TIE FRANKLIN NC			TRANS		44.0					
				TRANS		44.0					
	LAKE EMORY TIE FRANKLIN NC			TRANS		44.0					
	LAKE EMORY TIE FRANKLIN NC			TRANS TRANS		44.0					
	LAKE EMORY TIE FRANKLIN NC			TRANS		66.0					
-10	The Line of the Property of th					30.1	2.40				
							1	<del></del>			

	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	04/12/2018	End of 20	017/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 no Va except those serving customer abstations must be shown. of each substation, designating who are street to street as a serving	t be listed below. s with energy for resale, ma hether transmission or distr	ibution and wh	ether
Line			V	/OLTAGE (In M\	/a)
No.	Name and Location of Substation	Character of Sub	ostation Primary	Secondary	Tertiary
	(a)	(b)	(c)	(d)	(e)
	LAKE LURE RET LAKE LURE NC	DIST	44.00	1	2.4
	LAKE LURE RET LAKE LURE NC	DIST	44.00		2.4
	LAKE LURE RET LAKE LURE NC	DIST	44.00		2.4
4	LAKE LURE RET LAKE LURE NC	DIST	44.00	+	2.4
	LAKE LURE RET LAKE LURE NC	DIST	44.00	1	
6		DIST	100.00	1	
7		DIST	100.00	1	
	LAKEWOOD RET CHARLOTTE NC	DIST	100.00	1	
	LAKEWOOD RET CHARLOTTE NC	DIST	100.00	1	
10		DIST	100.00	+	
11		DIST	100.00	1	
ļ	LAKEWOOD RET CHARLOTTE NC	DIST	100.00	1	6.9
	LAKEWOOD RET CHARLOTTE NC	DIST	100.00	1	6.9
	LAKEWOOD RET CHARLOTTE NC	DIST	100.00		6.9
	LAKEWOOD RET CHARLOTTE NC	DIST	44.00		
	LAKEWOOD RET CHARLOTTE NC	DIST	44.00		
	LAKEWOOD TIE CHARLOTTE NC	TRANS	230.00	1	44.0
	LAKEWOOD TIE CHARLOTTE NC	TRANS	230.00	+	44.0
	LAKEWOOD TIE CHARLOTTE NC	TRANS	44.00		
	LAKEWOOD TIE CHARLOTTE NC	TRANS	44.00	+	i
	LAKEWOOD TIE CHARLOTTE NC	TRANS	44.00		
	LANCASTER MN LANCASTER SC	TRANS	100.00	+	
	LANCASTER MN LANCASTER SC	TRANS	100.00	+	
	LANCASTER MN LANCASTER SC	TRANS	100.00		
	LANCASTER MN LANCASTER SC	TRANS	100.00	1	
	LANCASTER MN LANCASTER SC	TRANS	100.00		24.0
	LANCASTER MN LANCASTER SC	TRANS	100.00	1	24.0
	LANCASTER MN LANCASTER SC	TRANS	100.00	_	24.0
	LANCASTER MN LANCASTER SC	TRANS	100.00		24.0
	LANCASTER MN LANCASTER SC	TRANS	24.00	+	
	LANCASTER RET LANCASTER SC	DIST	100.00		
	LANCASTER RET LANCASTER SC	DIST	100.00	1	
	LANCASTER RET LANCASTER SC	DIST	100.00		
	LANCASTER RET LANCASTER SC		100.00		
	LANCASTER RET LANCASTER SC	DIST	100.00	_	
	LANDIS CITY DEL 183 LANDIS NO	DIST	100.00	1	
-	LANDIS CITY DEL 182 LANDIS NC	DIST	44.00		
	LANDIS CITY DEL 182 LANDIS NC	DIST	44.00	1	
	LANDIS CITY DEL 1&2 LANDIS NC LANDIS CITY DEL 1&2 LANDIS NC	DIST	44.00		
40	LANDIS CITT DEL TOZ LANDIS INC	ופוטן	44.00	2.40	

	e of Respondent	This Report	t ls: n Original	Date of Report (Mo, Da, Yr)		Year/Period of	f Report 017/Q4
Duke	e Energy Carolinas, LLC		Resubmission	04/12/2018		End of 2	<u> </u>
l			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 railw Va except to obstations rough	ray customer should no hose serving customers nust be shown. bstation, designating wh	t be listed below. s with energy for r nether transmission	resale, ma	bution and wh	ether
Line					V	OLTAGE (In M\	 √a)
No.	Name and Location of Substation		Character of Sub		Primary	Secondary	Tertiary
	(a)		(b)		(c)	(d)	(e)
1			DIST		44.00	13.00	
2			DIST		44.00	13.00	
3	LANDO RET LANDO SC		DIST		44.00	13.00	
4	LANDRUM RET LANDRUM SC		DIST		44.00	13.00	
	LANDRUM RET LANDRUM SC		DIST		44.00	6.90	
-	LANDRUM RET LANDRUM SC		DIST		44.00	6.90	
7	LANDRUM RET LANDRUM SC		DIST		44.00		
8	LANGSTON CREEK RET GREENVILLE SC		DIST		100.00	13.00	
9			DIST		100.00		
10			DIST		100.00		
11	LAUREL CREEK RET GREENVILLE SC		DIST		100.00		
12			DIST		100.00	13.00	
	LAURENS CITY CAROLINE STA LAURENS SC		DIST		100.00		
	LAURENS CITY CAROLINE STA LAURENS SC		DIST		100.00	13.00	
	LAURENS E C DEL 10 LAURENS LAURENS S		DIST		44.00	6.90	
16			DIST		44.00	6.90	2.40
	LAURENS E C DEL 10 LAURENS LAURENS S		DIST		44.00		2.40
	LAURENS E C DEL 25 MAULDIN MAULDIN SC		DIST		100.00	13.00	4.10
	LAURENS E C DEL 25 MAULDIN MAULDIN SC	)	DIST		100.00	13.00	
	LAURENS E C DEL 26 WALNUT GROVE SC		DIST		100.00		
-	LAURENS TIE LAURENS SC		TRANS		100.00		
	LAURENS TIE LAURENS SC		TRANS		100.00		
	LAURENS TIE LAURENS SC		TRANS		100.00		
	LAURENS TIE LAURENS SC		TRANS		100.00		
<u> </u>	LAURENS TIE LAURENS SC		TRANS		100.00		
<u> </u>	LAURENS TIE LAURENS SC		TRANS		100.00		
	LAURENS TIE LAURENS SC		TRANS		100.00		
	LAURENS TIE LAURENS SC		TRANS		44.00		
-	LAURENS TIE LAURENS SC		TRANS		44.00		
	LAURENS TIE LAURENS SC		TRANS		44.00		
	LAURENS TIE LAURENS SC		TRANS		44.00		
-	LAWNDALE RET LAWNDALE NC		DIST		44.00		
<u> </u>	LAWSONS FORK TIE SPARTANBURG SC		TRANS		100.00		
	LAWSONS FORK TIE SPARTANBURG SC		TRANS		100.00		
	LEAFCREST RET CHARLOTTE NC		DIST		100.00		
	LEE STEAM STA COMB TURB PELZER SC		TRANS		100.00		
-	LEE STEAM STA COMB TURB PELZER SC		TRANS		100.00		
<u> </u>	LELIA RET WELLFORD SC		DIST		100.00		
	LELIA RET WELLFORD SC		DIST		100.00		
40	LESLIE RET LESLIE SC		DIST		44.00	6.90	2.40

	e of Respondent		Report	ls: Original	Date of Repo	ort	Year/Period of	Report 017/Q4
Duke	uke Energy Carolinas, LLC			Resubmission	04/12/2018		End of 20	717/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 add or unattended. At the end of the page, smn (f).	street Va exc ubstati of eac	railwa cept th ons mu ch subs	y customer should not ose serving customers ust be shown. station, designating wh	t be listed below s with energy fo nether transmis	v. r resale, mag sion or distri	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)
	LESLIE RET LESLIE SC			DIST		44.00	6.90	2.4
	LESLIE RET LESLIE SC			DIST		44.00	6.90	2.4
3	LESLIE RET LESLIE SC			DIST		44.00	6.90	
4	LESLIE RET LESLIE SC			DIST		44.00	13.00	
	LEWISVILLE RET LEWISVILLE NC			DIST		100.00	13.00	
	LEWISVILLE RET LEWISVILLE NC			DIST		100.00	13.00	
	LEXINGTON CITY DEL 1 LEXINGTON NC			DIST		100.00	44.00	
	LEXINGTON CITY DEL 1 LEXINGTON NC			DIST		100.00	44.00	
	LEXINGTON CITY DEL 1 LEXINGTON NC			DIST		24.00	0.20	
	LEXINGTON MN LEXINGTON NC			DIST		100.00	24.00	
	LEXINGTON MN LEXINGTON NO			DIST		100.00	24.00	0.0
ļ	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	0.8
	LIBERTY RET NEW LIBERTY SC			DIST		100.00	13.00	
	LINCOLN COMBUSTION TURB YARD LOWES	\/II 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	13.00	
	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	
	LINCOLN COMBUSTION TURB YARD LOWES			TRANS		230.00	13.00	
	LINCOLN COMBUSTION TURB YARD LOWES			TRANS		230.00	13.00	
	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
39	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	(Mo, Da, Yr)	Year/Period of	•		
Duke	e Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of 2	.017/Q4		
		SUBSTATIONS		ļ			
2. S 3. S to fu 4. Ir atter	deport 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 should Va except those serving custom abstations must be shown. of each substation, designating	not be listed below. ers with energy for resale, whether transmission or d	may be grouped	nether		
Line				VOLTAGE (In MVa)			
No.	Name and Location of Substation (a)	Character of S	Substation Primary (c)	Secondary (d)	Tertiary (e)		
1	LINDEN ST SW STA HIGH POINT NC	DIST	• • • • • • • • • • • • • • • • • • • •	0.00 13.00	6.90		
	LINDEN ST SW STA HIGH POINT NC	DIST		0.00 6.90			
	LINDEN ST SW STA HIGH POINT NC	DIST		0.00 6.90			
		DIST		0.00 13.00	6.90		
	LINDEN ST SW STA HIGH POINT NC	DIST		0.00 13.00	6.90		
	LINWOOD SS LEXINGTON NC	DIST		0.00 44.00	24.00		
	LIONS MOUNTAIN TIE CALVERT NC	TRANS		0.00 44.00	21.00		
	LIONS MOUNTAIN TIE CALVERT NC	TRANS		0.00 44.00			
		TRANS		1.00 4.10	2.40		
	LIONS MOUNTAIN TIE CALVERT NC	TRANS		1.00 0.20			
	LITTLE ROCK RET CHARLOTTE NC	DIST		0.00 13.00			
	LITTLE ROCK RET CHARLOTTE NC	DIST		0.00 13.00			
	LITTLE ROCK RET CHARLOTTE NC	DIST	100	0.00 24.00			
14	LOCKHART POWER CO DEL 1 PACOLET SC	DIST	100	0.00 44.00	33.00		
15	LOCKHART POWER CO DEL 1 PACOLET SC	DIST	100	0.00 44.00	33.00		
16	LOCKHART POWER CO DEL 1 PACOLET SC	DIST	33	3.00			
17	LOCUST RET LOCUST NC	DIST	100	0.00 13.00			
18	LONG FERRY RET SALISBURY NC	DIST	100	0.00 13.00			
19	LONG FERRY RET SALISBURY NC	DIST	100	0.00 13.00			
20	LONGVIEW RET LONG VIEW NC	DIST	44	1.00 13.00			
21	LONGVIEW RET LONG VIEW NC	DIST	44	1.00 13.00			
22	LONGVIEW TIE LONG VIEW NC	TRANS	230	0.00 100.00	44.00		
23	LONGVIEW TIE LONG VIEW NC	TRANS	230	0.00 100.00	44.00		
24	LONGVIEW TIE LONG VIEW NC	TRANS	230	0.00 100.00	44.00		
25	LONGVIEW TIE LONG VIEW NC	TRANS	230	0.00 100.00	44.00		
26	LONGVIEW TIE LONG VIEW NC	TRANS	44	1.00			
27	LONGVIEW TIE LONG VIEW NC	TRANS	44	1.00			
28	LONGVIEW TIE LONG VIEW NC	TRANS	44	1.00 6.90	2.40		
29	LONGVIEW TIE LONG VIEW NC	TRANS	44	1.00 6.90	2.40		
30	LONGVIEW TIE LONG VIEW NC	TRANS	44	1.00 6.90	2.40		
31	LOOKOUT HYDRO STATESVILLE NC	TRANS	100	0.00 6.90			
32	LOOKOUT HYDRO STATESVILLE NC	TRANS	100	0.00 6.90			
33	LOOKOUT TIE STATESVILLE NC	TRANS	100	0.00 44.00			
34	LOOKOUT TIE STATESVILLE NC	TRANS	100	0.00 44.00			
	LOOKOUT TIE STATESVILLE NC	TRANS	100	0.00 44.00			
	LOOKOUT TIE STATESVILLE NC	TRANS		1.00 0.20			
	LUMBER LANE RET MOUNT HOLLY NC	DIST		0.00 13.00			
	LUNSFORD RD RET KING NC	DIST		0.00 13.00			
	MACEDONIA RET TAYLORSVILLE NC	DIST		0.00 13.00			
40	MADISON RET MADISON NC	DIST	100	0.00 13.00			

Nam	e of Respondent	This F	Report Is: X An Original	Date of Rep (Mo, Da, Yr)	ort	Year/Period of	•
Duke	Duke Energy Carolinas, LLC		A Resubmission	04/12/2018	'	End of 2	017/Q4
		(2)	SUBSTATIONS	1			
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 obstation	railway customer should no ept those serving customer ons must be shown. h substation, designating w	t be listed below s with energy for nether transmis	w. or resale, ma sion or distr	ibution and wh	ether
ine	Name and Location of Substation		Character of Sub	estation	V	OLTAGE (In M\	/a)
No.	(a)		(b)	Jotation	Primary (c)	Secondary (d)	Tertiary (e)
1	MADISON RET MADISON NC		DIST		100.00	13.00	
2	MADISON TIE MADISON NC		TRANS		100.00	44.00	
3	MADISON TIE MADISON NC		TRANS		100.00	44.00	
4	MADISON TIE MADISON NC		TRANS		100.00	44.00	
5	MAIDEN CITY DEL 2 MAIDEN NC		DIST		44.00	13.00	
6	MAIDEN CITY DEL 2 MAIDEN NC		DIST		44.00	13.00	
7	MAJOLICA RD RET SALISBURY NC		DIST		100.00	13.00	
8	MALLARD CREEK RET CHARLOTTE NC		DIST		100.00	13.00	
9	MALLARD CREEK RET CHARLOTTE NC		DIST		100.00	13.00	
10	MANCHESTER RET KANNAPOLIS NC		DIST		100.00	13.00	
11	MARBLE TIE MARBLE NC		TRANS		161.00	34.50	
12	MARBLE TIE MARBLE NC		TRANS		161.00	34.50	
13	MARBLE TIE MARBLE NC		TRANS		34.50	13.00	
14	MARBLE TIE MARBLE NC		TRANS		13.00	0.40	
15	MARBLE TIE MARBLE NC		TRANS		13.00	0.40	
16	MARBLE TIE MARBLE NC		TRANS		13.00	0.40	
17	MAR-DON DR RET WINSTON-SALEM NC		DIST		100.00	13.00	
18	MAR-DON DR RET WINSTON-SALEM NC		DIST		100.00	24.00	
19	MARIETTA TIE MARIETTA SC		TRANS		100.00	44.00	
20	MARIETTA TIE MARIETTA SC		TRANS		100.00	44.00	
21	MARIETTA TIE MARIETTA SC		TRANS		24.00	0.20	
22	MARION MN MARION NC		DIST		100.00	13.00	6.90
23	MARION MN MARION NC		DIST		100.00	13.00	6.90
24	MARION MN MARION NC		DIST		100.00	13.00	6.90
25	MARION MN MARION NC		DIST		100.00	13.00	6.90
26	MARION MN MARION NC		DIST		44.00	6.90	2.40
27	MARION MN MARION NC		DIST		44.00	6.90	2.40
28	MARION MN MARION NC		DIST		44.00	6.90	2.40
29	MARION MN MARION NC		DIST		44.00	6.90	2.40
30	MARKET POINT RET GREENVILLE SC		DIST		100.00	13.00	
31	MARSHALL RET TERRELL NC		DIST		44.00	13.00	
32	MARSHALL STEAM STA YARD TERRELL NC		TRANS		230.00	24.00	
33	MARSHALL STEAM STA YARD TERRELL NC		TRANS		230.00	24.00	
34	MARSHALL STEAM STA YARD TERRELL NC		TRANS		230.00	24.00	
35	MARSHALL STEAM STA YARD TERRELL NC		TRANS		230.00	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		44.00	13.00	

Name of Respondent		This Report Is: Date of Rep (1) X An Original (Mo, Da, Yr)		(r)						
Duke	Energy Carolinas, LLC	(2)		submission	04/12/2018		End of			
		,		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 unctional 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 umn (f).									
ine	Name and Location of Substation			Character of Sub	otation	,	/OLTAGE (In M\	/a)		
No.	(a)			(b)	Station	Primary (c)	Secondary (d)	Tertiary (e)		
1	MASCOT RET INMAN SC			DIST		44.0	` '	(-)		
2	MATTHEWS RET CHARLOTTE NC			DIST		100.0	24.00			
3	MATTHEWS RET CHARLOTTE NC			DIST		100.0	24.00			
4	MATTHEWS RET CHARLOTTE NC			DIST		100.0	24.00			
	MCADENVILLE JCT TIE MCADENVILLE NC			TRANS		100.0				
	MCADENVILLE JCT TIE MCADENVILLE NC			TRANS		100.0	0 44.00			
	MCADENVILLE JCT TIE MCADENVILLE NC			TRANS		100.0				
8	MCADENVILLE JCT TIE MCADENVILLE NC			TRANS		44.0	13.00			
	MCADENVILLE JCT TIE MCADENVILLE NC			TRANS		44.0	13.00			
	MCADENVILLE JCT TIE MCADENVILLE NC			TRANS		24.0	0.20			
	MCALPINE CREEK RET CHARLOTTE NC			DIST		100.0	24.00			
12	MCALPINE CREEK RET CHARLOTTE NC			DIST		100.0	24.00			
	MCALPINE CREEK RET CHARLOTTE NC			DIST		100.0				
	MCDOWELL TIE MARION NC			TRANS		230.0		44.00		
15	MCDOWELL TIE MARION NC			TRANS		100.0	0 44.00			
16	MCDOWELL TIE MARION NC			TRANS		44.0	24.00			
	MCDOWELL TIE MARION NC			TRANS		44.0	24.00			
	MCDOWELL TIE MARION NC			TRANS		44.0	24.00			
19	MCDOWELL TIE MARION NC			TRANS		44.0	2.40	0.60		
	MCDOWELL TIE MARION NC			TRANS		44.0	2.40	0.60		
	MCDOWELL TIE MARION NC			TRANS		44.0	-	0.60		
22	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I	NC		TRANS		230.0	24.00			
23	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I	NC		TRANS		24.0	6.90	6.90		
24	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1	NC .		TRANS		24.0	6.90	6.90		
25	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1	NC .		TRANS		6.9	0 4.10			
26	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1	NC		TRANS		6.9	0 4.10			
27	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1	NC		TRANS		24.0	0 13.00			
28	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1	NC		TRANS		230.0	24.00			
29	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1	NC		TRANS		4.1	0.60			
30	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1	NC		TRANS		4.1	0.60			
31	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1	NC		TRANS		4.1	0.60			
32	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I	NC		TRANS		4.1	0.60			
33	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I	NC		TRANS		4.1	0.60			
34	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I	VC		TRANS		4.1	0.60			
35	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I	VC		TRANS		6.9	0.60			
36	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I	VC		TRANS		6.9	0.60			
37	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1	VС		TRANS		6.9	0.60			
38	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1	VС		TRANS		6.9	0.60			
39	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1	NC		TRANS		6.9	0.60			
40	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE 1	VC		TRANS		6.9	0.60			

	e of Respondent	(1)	Report is	s: Original	Date of Rep (Mo, Da, Yr		Year/Period of	•
Duke	e Energy Carolinas, LLC	(2)		esubmission	04/12/2018	,	End of 20	017/Q4
				SUBSTATIONS		*		
<ol> <li>S</li> <li>S</li> <li>to full</li> <li>In</li> </ol>	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 ded or unattended. At the end of the page, so	street Va exc obstati of eac	railway cept tho ons mu ch subst	customer should not se serving customers st be shown. tation, designating wh	be listed belo with energy for nether transmis	w. or resale, may ssion or distril	bution and wh	ether
	nn (f).	Jannin	arize ac	cording to fariotion th	c capacities re	ported for the	o in anviadar ott	
	( )							
Line						V	OLTAGE (In M\	′a)
No.	Name and Location of Substation			Character of Sub	station	Primary	Secondary	Tertiary
	(a)			(b)		(c)	(d)	(e)
	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I			TRANS		6.90	4.10	
	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I			TRANS TRANS		6.90 6.90	4.10	
	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 1 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1			TRANS		500.00	24.00	
	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1			TRANS		24.00	6.90	6.90
	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE I			TRANS		24.00	6.90	6.90
	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1			TRANS		6.90	4.10	0.50
	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1			TRANS		6.90	4.10	
	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1			TRANS		24.00	13.00	
	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1			TRANS		500.00	24.00	
	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE I			TRANS		4.10	0.60	
22	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	NC		TRANS		4.10	0.60	
23	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	NC .		TRANS		4.10	0.60	
24	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	NC		TRANS		4.10	0.60	
25	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	NC .		TRANS		4.10	0.60	
26	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	NC		TRANS		4.10	0.60	
27	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	NC		TRANS		6.90	0.60	
28	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	VC		TRANS		6.90	0.60	
29	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	VC		TRANS		6.90	0.60	
30	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE I	VC		TRANS		6.90	0.60	
31	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	VC		TRANS		6.90	0.60	
32	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	NC		TRANS		6.90	0.60	
33	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	NC		TRANS		6.90	0.60	
34	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	VC .		TRANS		6.90	0.60	
35	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE 1	VC		TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE I			TRANS		6.90	0.60	
	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE I			TRANS		6.90	0.60	
40	MCGUIRE NUC STA UNIT 2 HUNTERSVILLE I	NC		TRANS		6.90	0.60	
								ı
				<u> </u>	-		ļ	

	e of Respondent	This (1)		ort Is: An Original	Date of Report (Mo, Da, Yr)		Year/Period of	Report 017/Q4
Duke	uke Energy Carolinas, LLC			A Resubmission	04/12/2018		End of 20	117/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, ann (f).	street Va exc ubstati of eac	rai cept ons ch s	way customer should not those serving customers must be shown. ubstation, designating wh	t be listed below.  s with energy for resa	le, ma r distri	bution and whe	ether
Line						V	OLTAGE (In MV	'a)
No.	Name and Location of Substation			Character of Sub	station Prim	nary	Secondary	Tertiary
	(a)			(b)	(0		(d)	(e)
	MCGUIRE RET HUNTERSVILLE NC			DIST		44.00		2.4
	MCGUIRE RET HUNTERSVILLE NC			DIST		44.00		2.4
	MCGUIRE RET HUNTERSVILLE NC			DIST		44.00		2.4
	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		
	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 GREEN RET EDEN NO			DIST		100.00		
	MEDANE DET MEDANE NO			DIST		100.00		
	MEBANE RET MEBANE NC			DIST		44.00		
	MEBANE RET MEBANE NC							
	MEBANE RET MEBANE NC MEBANE RET MEBANE NC			DIST		44.00	-	
				DIST		44.00	ļ	
	MEBANE RET MEBANE NC MEBANE RET MEBANE NC			DIST				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			TRANS		100.00		
	MEBANE TIE MEBANE NC			TRANS		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		
	22 25 33						35.55	

	e of Respondent		Report	ls: Original	Date of Repo (Mo, Da, Yr)	ort	Year/Period of	Report 017/Q4
Duke	e Energy Carolinas, LLC	(2)		Resubmission	04/12/2018		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 M nectional character, but the number of such subdicate in column (b) the functional character anded or unattended. At the end of the page, some (f).	street Va exc ubstati of eac	railwa cept th ons mo ch sub	ay customer should not ose serving customers ust be shown. station, designating wh	be listed below with energy for nether transmiss	r. resale, mag sion 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	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	
	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	
	MILLER HILL TIE LENOIR NC			TRANS		100.00	44.00	
	MILLERS CREEK RET NORTH WILKESBORO			DIST		100.00	13.00	
	MILLERS CREEK RET NORTH WILKESBORO	NC		DIST		100.00	13.00	
	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
	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		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	
-	MOCKSVILLE SOLAR			TRANS		44.00	0.00	
	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		44.00	6.90	2.4

	e of Respondent	(1)	Report is:  X An Original	(Mo, Da, Yr)		Year/Period of	πeport 017/Q4
Duk	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018		End of 20	<del>517/Q4</del>
			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 nded or unattended. At the end of the page, smn (f).	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	e, ma distri	bution and wh	ether
ine					V	OLTAGE (In M\	/a)
No.	Name and Location of Substation		Character of Sub	ostation Prima		Secondary	Tertiary
	(a)		(b)	(c)		(d)	(e)
	MONROE MN MONROE NC		TRANS		00.00		6.90
	MONROE MN MONROE NC		TRANS	11	00.00		6.90
	MONROE MN MONROE NC		TRANS		00.00	13.00	6.90
	MONROE MN MONROE NC		TRANS		00.00	13.00	6.90
	MONROE MN MONROE NC		TRANS		00.00	44.00	
	MONROE MN MONROE NC		TRANS		00.00	44.00	
	MONROE RD RET CHARLOTTE NC		DIST		00.00	13.00	
	MONROE RD RET CHARLOTTE NC		DIST		00.00	13.00	
	MONROE RD RET CHARLOTTE NC		DIST		00.00	13.00	
	MONROETON RET MONROETON NC		DIST		44.00	13.00	
	MONTCLAIRE RET CHARLOTTE NC		DIST		00.00	24.00	
	MONTCLAIRE RET CHARLOTTE NC		DIST		00.00	24.00	
	MONTICELLO RET GREENSBORO NC		DIST		44.00	13.00	
	MONTROYAL RD RET RURAL HALL NC		DIST		00.00	13.00	
	MOONVILLE RET GREENVILLE SC		DIST		00.00	13.00	
	MOONVILLE RET GREENVILLE SC		DIST		00.00	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		00.00		
	MOORESVILLE TIE MOORESVILLE NC		TRANS		00.00		
	MOORESVILLE TIE MOORESVILLE NC		TRANS		00.00		
	MOORESVILLE TIE MOORESVILLE NC		TRANS		00.00		
	MOORESVILLE TIE MOORESVILLE NC		TRANS		24.00		
	MORGANTON CITY DEL 3 MORGANTON NC MORGANTON CITY DEL 3 MORGANTON NC		DIST		44.00		
	MORGANTON CITY DEL 3 MORGANTON NC	N NC	DIST		44.00 00.00		
	MORGANTON TIE MORGANTON NC	IN INC	TRANS		00.00		13.00
	MORGANTON TIE MORGANTON NC		TRANS		00.00	24.00	13.00
	MORGANTON TIE MORGANTON NC		TRANS		00.00		13.00
	MORGANTON TIE MORGANTON NC		TRANS		00.00		13.00
	MORGANTON TIE MORGANTON NC		TRANS		00.00		
	MORGANTON TIE MORGANTON NC		TRANS		00.00		
	MORGANTON TIE MORGANTON NC		TRANS		00.00	71.00	
	MORGANTON TIE MORGANTON NC		TRANS				
	MORNING STAR TIE MATTHEWS NC		TRANS	2:	30.00	100.00	44.00
	MORNING STAR TIE MATTHEWS NC		TRANS		30.00		44.00
	MORNING STAR TIE MATTHEWS NC		TRANS		30.00		44.00
	MORNING STAR TIE MATTHEWS NC		TRANS		00.00		
	MORNING STAR TIE MATTHEWS NC		TRANS		00.00		

	e of Respondent	This Report Is		Date of Report (Mo, Da, Yr)	Year/Period o	•
Duke	e Energy Carolinas, LLC	(2) A Re	esubmission	04/12/2018	End of	2017/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, some (f).	street railway Va except tho ubstations mu of each subs	customer should not se serving customers st be shown. tation, designating wh	t be listed below.  s with energy for resale, mether transmission or d	may be grouped	hether
Line					VOLTAGE (In M	 /IVa)
No.	Name and Location of Substation		Character of Sub	station Primar		Tertiary
	(a)		(b)	(c)	(d)	(e)
1	MORNING STAR TIE MATTHEWS NC		TRANS	4	4.00 0.40	)
	MOTLEY TIE EDEN NC		TRANS	10	0.00 44.00	)
3	MOTLEY TIE EDEN NC		TRANS	10	0.00 44.00	)
4	MOTLEY TIE EDEN NC		TRANS	2-	4.00 0.20	)
	MT AIRY RET MT AIRY NC		DIST		0.00 6.90	
	MT AIRY RET MT AIRY NC		DIST		0.00 6.90	
	MT AIRY RET MT AIRY NC		DIST		0.00 6.90	
	MT AIRY RET MT AIRY NC		DIST		0.00 6.90	
	MT AIRY RET MT AIRY NC		DIST		0.00 13.00	
	MT AIRY RET MT AIRY NC		DIST		0.00 13.00	
11			DIST		0.00 13.00	
	MT AIRY RET MT AIRY NC  MT HOPE CHURCH RD RET GREENSBORO 1	NC.	DIST		0.00 13.00 0.00 6.90	
	MT HOPE CHURCH RD RET GREENSBORO 1		DIST		0.00 6.90	
	MT HOPE CHURCH RD RET GREENSBORO 1		DIST		0.00 6.90	
	MT HOPE CHURCH RD RET GREENSBORO 1		DIST		0.00 6.90	
	MT OLIVE RET CONOVER NC		DIST		4.00 13.00	
	MT OLIVE RET CONOVER NC		DIST		4.00 13.00	
	MT PLEASANT RET MOUNT PLEASANT NC		DIST		4.00 6.90	
	MT PLEASANT RET MOUNT PLEASANT NC		DIST		4.00 6.90	
	MT PLEASANT RET MOUNT PLEASANT NC		DIST		4.00 6.90	-
22	MT PLEASANT RET MOUNT PLEASANT NC		DIST		4.00 6.90	
	MT PLEASANT RET MOUNT PLEASANT NC		DIST		4.00 6.90	
24	MT PLEASANT RET MOUNT PLEASANT NC		DIST	4	4.00 6.90	2.4
25	MT PLEASANT RET MOUNT PLEASANT NC		DIST	4	4.00 13.00	0 4.1
26	MT TABOR RET WINSTON-SALEM NC		DIST	10	0.00 13.00	)
27	MT TABOR RET WINSTON-SALEM NC		DIST	10	0.00 13.00	)
28	MTN VIEW RET HICKORY NC		DIST	10	0.00 13.00	)
29	MTN VIEW RET HICKORY NC		DIST	10	0.00 13.00	)
30	MUD CREEK RD RET BOILING SPRINGS SC		DIST	10	0.00 13.00	)
31	MUD CREEK RD RET BOILING SPRINGS SC		DIST	10	0.00 13.00	)
32	MULBERRY CREEK RET WARE SHOALS SC		DIST	10	0.00 6.90	)
33	MULBERRY CREEK RET WARE SHOALS SC		DIST	10	0.00 6.90	)
34	MULBERRY CREEK RET WARE SHOALS SC		DIST	10	0.00 6.90	)
35	MULBERRY CREEK RET WARE SHOALS SC		DIST	10	0.00 6.90	)
	MULBERRY CREEK RET WARE SHOALS SC		DIST		0.00 6.90	
	MULBERRY CREEK RET WARE SHOALS SC		DIST		0.00 6.90	
	MULBERRY CREEK RET WARE SHOALS SC		DIST		0.00 6.90	
	MULBERRY CREEK RET WARE SHOALS SC		DIST		0.00 6.90	
40	MURDOCK RD RET TROUTMAN NC		DIST	4	4.00 13.00	)

	e of Respondent	This Re	port Is: []An Original	Date of Report (Mo, Da, Yr)	Year/Period o	•
Duke	e Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of 2	2017/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 ra /a exceptstation of each	ailway customer should not but those serving customers s must be shown. substation, designating wh	t be listed below. s with energy for resale, nether transmission or di	may 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)
	MURDOCK RD RET TROUTMAN NC		DIST		.00 13.00	
	N CHARLOTTE RET CHARLOTTE NC		DIST	100		2.4
	N CHARLOTTE RET CHARLOTTE NC		DIST	100		
			DIST	100		
	N CHARLOTTE RET CHARLOTTE NC		DIST	100		
	N CHARLOTTE RET CHARLOTTE NC		DIST	100		
	N CHARLOTTE RET CHARLOTTE NC		DIST	100		
	N CHARLOTTE RET CHARLOTTE NC		DIST	100		
	N CHARLOTTE RET CHARLOTTE NC		DIST	100		
	N CHARLOTTE RET CHARLOTTE NC		DIST	100		
	N CHARLOTTE RET CHARLOTTE NC		DIST	100		
	N CHARLOTTE RET CHARLOTTE NC		DIST	100		
	N FRANKLIN RET FRANKLIN NC		DIST		.00 13.00	
	N GORDONTON RET THOMASVILLE NC		DIST	100		
	N GREENSBORO TIE GREENSBORO NC		TRANS	230		
	N GREENSBORO TIE GREENSBORO NC		TRANS	230		
	N GREENSBORO TIE GREENSBORO NC		TRANS	230		
	N GREENSBORO TIE GREENSBORO NC		TRANS	100		
	N GREENSBORO TIE GREENSBORO NC		TRANS		.00	
	N GREENSBORO TIE GREENSBORO NC		TRANS		.00 100.00	
	N GREENSBORO TIE GREENSBORO NC		TRANS		.00 0.40	
	N GREENVILLE TIE GREENVILLE SC		TRANS	230		
	N GREENVILLE TIE GREENVILLE SC		TRANS	230		
	N GREENVILLE TIE GREENVILLE SC		TRANS	230		
	N GREENVILLE TIE GREENVILLE SC		TRANS	230		44.0
	N GREENVILLE TIE GREENVILLE SC		TRANS		.00	
	N GREENVILLE TIE GREENVILLE SC		TRANS		.00	
	N GREENVILLE TIE GREENVILLE SC		TRANS		.00 2.40	
	N GREENVILLE TIE GREENVILLE SC		TRANS		.00 2.40	
	N GREENVILLE TIE GREENVILLE SC		TRANS		.00 2.40	
	N GREENWOOD RET GREENWOOD SC		DIST		.00 13.00	
	N GREENWOOD RET GREENWOOD SC		DIST		.00 13.00	
	N HICKORY RET HICKORY NC		DIST	100		
	N HICKORY RET HICKORY NC		DIST		.00 13.00	
	N STANLEY RET STANLEY NO		DIST	100		
	N STANLEY RET STANLEY NC		DIST	100		
	N WINSTON RET WINSTON-SALEM NC		DIST		.00 13.00	
	N WINSTON RET WINSTON-SALEM NC		DIST		.00 13.00	
	N WINSTON RET WINSTON-SALEM NC		DIST		.00 13.00	
40	NANTAHALA HYDRO TOPTON NC		TRANS	161	.00 13.00	

Name	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	04/12/2018	End of 2	017/Q4
		SUBSTATIONS	<u> </u>		
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 abstations must be shown. of each substation, designating when the street street street street of each substation, designating when the street street street the street street street the street street the street street the street street the street th	t be listed below. s with energy for resale, m nether transmission or dist	ay be grouped	ether
Line	Name and Location of Substation	Character of Sub		VOLTAGE (In M	/a)
No.	(a)	(b)	Primary (c)	Secondary (d)	Tertiary (e)
1	NANTAHALA HYDRO TOPTON NC	TRANS	161.0	` '	(-)
2	NANTAHALA HYDRO TOPTON NC	TRANS	161.0	0 34.50	
3	NANTAHALA HYDRO TOPTON NC	TRANS	13.0	0 0.40	
	NANTAHALA HYDRO TOPTON NC	TRANS	13.0	_	
	NANTAHALA HYDRO TOPTON NC	TRANS	34.5		
	NAPLES RET NAPLES NC	DIST	44.0		
	NAPLES RET NAPLES NC	DIST	44.0		
	NEALS CREEK RET ANDERSON SC	DIST	44.0		
	NEALS CREEK RET ANDERSON SC	DIST	44.0		
	NEBO RET MARION NC	DIST	100.0		
	NELSON RET DURHAM NC	DIST	100.0		
	NELSON RET DURHAM NC	DIST	100.0		
	NEW CUT RD RET INMAN SC	DIST	100.0		
14	NEW HOPE RET GASTONIA NC	DIST	100.0	0 13.00	
	NEW HOPE RET GASTONIA NC	DIST	100.0	0 13.00	
16	NEWBERRY MN NEWBERRY SC	TRANS	100.0	0 24.00	
17	NEWBERRY MN NEWBERRY SC	TRANS	100.0	0 24.00	
18	NEWELL RET CHARLOTTE NC	DIST	100.0	0 24.00	
19	NEWELL RET CHARLOTTE NC	DIST	100.0	0 24.00	
20	NEWPORT RET NEWPORT SC	DIST	44.0	0 13.00	
21	NEWPORT RET NEWPORT SC	DIST	44.0	0 13.00	
22	NEWPORT TIE NEWPORT SC	TRANS	230.0	0 100.00	44.00
23	NEWPORT TIE NEWPORT SC	TRANS	230.0	0 100.00	44.00
24	NEWPORT TIE NEWPORT SC	TRANS	230.0	0 100.00	44.00
25	NEWPORT TIE NEWPORT SC	TRANS	44.0	0 0.40	
26	NEWPORT TIE NEWPORT SC	TRANS	500.0	0 230.00	24.00
27	NEWPORT TIE NEWPORT SC	TRANS	500.0	0 230.00	24.00
28	NEWPORT TIE NEWPORT SC	TRANS	500.0	0 230.00	24.00
29	NEWPORT TIE NEWPORT SC	TRANS	500.0	0 230.00	24.00
30	NEWPORT TIE NEWPORT SC	TRANS	44.0	0	
31	NEWPORT TIE NEWPORT SC	TRANS	500.0	0	
32	NEWPORT TIE NEWPORT SC	TRANS	500.0	0	
33	NEWPORT TIE NEWPORT SC	TRANS	500.0	0	
34	NEWTON CITY DEL 2 NEWTON NC	DIST	100.0	0 13.00	6.90
35	NEWTON CITY DEL 2 NEWTON NC	DIST	100.0	0 13.00	6.90
36	NEWTON CITY DEL 2 NEWTON NC	DIST	100.0	0 13.00	6.90
37	NEWTON TIE NEWTON NC	TRANS	100.0	0 24.00	
38	NEWTON TIE NEWTON NC	TRANS	100.0	0 24.00	
39	NEWTON TIE NEWTON NC	TRANS	100.0	0 24.00	
40	NEWTON TIE NEWTON NC	TRANS	100.0	0 24.00	

	e of Respondent	This I	Repo	ort Is: An Original	Date of Rep (Mo, Da, Yi	oort	Year/Period of	•
Duke	e Energy Carolinas, LLC	(2)		A Resubmission	04/12/2018		End of 20	017/Q4
		ļ.		SUBSTATIONS		*		
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Line	Name and Landing of Outstation			Observator of Out	-4-4:	V	OLTAGE (In M\	/a)
No.	Name and Location of Substation			Character of Sub	station	Primary	Secondary	Tertiary
1	(a) NEWTON TIE NEWTON NC			TRANS		(c) 100.00	(d) 24.00	(e)
	NEWTON TIE NEWTON NC			TRANS		100.00	24.00	
3				TRANS				
						100.00	24.00	
4	NEWTON TIE NEWTON NC	2 00		TRANS		24.00	0.20	
	NINETY-NINE ISLANDS HYDRO BLACKSBURG			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	
ļ	NINETY-NINE ISLANDS HYDRO BLACKSBURG			TRANS		44.00	2.40	
13	NINETY-NINE ISLANDS HYDRO BLACKSBURG	G SC		TRANS		44.00	2.40	
14	NINETY-NINE ISLANDS HYDRO BLACKSBURG	G SC		TRANS		44.00	2.40	
15	NINETY-NINE ISLANDS HYDRO BLACKSBURG	3 SC		TRANS		24.00	0.20	
16	NINETY-NINE ISLANDS HYDRO BLACKSBURG	3 SC		TRANS		24.00	0.20	
17	NINETY-NINE ISLANDS HYDRO BLACKSBURG	3 SC		TRANS		24.00	0.20	
18	NIX RD RET HENDERSONVILLE NC			DIST		100.00	13.00	
19	NORRIS RET CATEECHEE SC			DIST		44.00	13.00	
20	NORRIS RET CATEECHEE SC			DIST		44.00	13.00	
21	NORTH DENVER RET DENVER NC			DIST		100.00	13.00	
22	NORTH LAKES RET HICKORY NC			DIST		100.00	13.00	
23	NORTH LINCOLN RET LINCOLNTON NC			DIST		44.00	13.00	
24	NORTH ST RET ANDERSON SC			DIST		44.00	13.00	
25	OAK RIDGE RET KERNERSVILLE NC			DIST		100.00	13.00	
26	OAK RIDGE RET KERNERSVILLE NC			DIST		100.00	13.00	
27	OAKBORO RET OAKBORO NC			DIST		100.00	13.00	6.90
28	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		
	OAKLAND RD RET SPINDALE NC OAKLAND RD RET SPINDALE NC			DIST		100.00		
-								
	OAKVALE TIE OBEENVILLE SC			TRANS		100.00		
	OAKVALE TIE OREENVILLE SC			TRANS		100.00		
40	OAKVALE TIE GREENVILLE SC			TRANS		100.00	24.00	
					·			

	e of Respondent		Report I		Date of Rep (Mo, Da, Yr	oort	Year/Period of	f Report 017/Q4
Duke	e Energy Carolinas, LLC	(2)	A R	esubmission	04/12/2018		End of 2	<u> </u>
4 5				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 obstation 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 for mether transmis	w. or resale, ma ssion or disti	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)
	OAKVALE TIE GREENVILLE SC			TRANS		100.00		
-	OAKVALE TIE GREENVILLE SC			TRANS		100.00		
3				TRANS		100.00		
4	OAKVALE TIE GREENVILLE SC			TRANS		100.00		24.00
	OAKVALE TIE GREENVILLE SC			TRANS		100.00		
-	OAKVALE TIE GREENVILLE SC			TRANS		100.00		
7	OAKVALE TIE GREENVILLE SC			TRANS		100.00		
8	OAKWOOD ST RET MEBANE NC			DIST		100.00		
9				DIST		100.00		
	OCONEE 230KV SWITCHYARD NEWRY SC			TRANS		230.00		
11				TRANS		24.0		
12				TRANS		4.10		
	OCONEE 230KV SWITCHYARD NEWRY SC			TRANS		4.10		
	OCONEE 525KV SWITCHYARD NEWRY SC			TRANS		500.00		24.00
-	OCONEE 525KV SWITCHYARD NEWRY SC			TRANS		500.0		24.00
16				TRANS		500.00		24.00
	OCONEE 525KV SWITCHYARD NEWRY SC			TRANS		500.00		24.00
	OCONEE 525KV SWITCHYARD NEWRY SC			TRANS		500.0		
	OCONEE 525KV SWITCHYARD NEWRY SC			TRANS		500.0		
	OCONEE 525KV SWITCHYARD NEWRY SC			TRANS		500.00	+	
	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		4.10		
	OCONEE 525KV SWITCHYARD NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS		230.00		
	OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS		24.0		
	OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STATINIT 1 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STATINIT 1 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 1 NEWRY SC OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 1 NEWRY SC OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS		230.00		4.10
	OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS		230.00		
	The state of the s					200.00	3.30	7.10

FERC FORM NO. 1 (ED. 12-96)

	e of Respondent	This (1)	Repo	ort Is: An Original	Date of Re (Mo, Da, Y	port r)	Year/Period of	f Report 017/Q4
Duke	e Energy Carolinas, LLC	(2)		A Resubmission	04/12/2018		End of 2	<u> </u>
<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 added or unattended. At the end of the page, smn (f).	street /a exc bstati of eac	t rail cept ons ch su	way customer should not 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 distr	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	OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 1 NEWRY SC			TRANS		4.10		
3	OCONEE NUCLEAR STA UNIT 2 NEWRY SC			TRANS		230.00		
4	OCONEE NUCLEAR STA UNIT 2 NEWRY SC			TRANS		24.00		4.10
	OCONEE NUCLEAR STA UNIT 2 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 2 NEWRY SC			TRANS		4.10		
7	OCONEE NUCLEAR STA UNIT 2 NEWRY SC			TRANS		4.10		
8	OCONEE NUCLEAR STA UNIT 2 NEWRY SC			TRANS		4.10		
9				TRANS		4.10		
10				TRANS		4.10		
11	OCONEE NUCLEAR STA UNIT 2 NEWRY SC			TRANS		4.10		
12	OCONEE NUCLEAR STA UNIT 2 NEWRY SC OCONEE NUCLEAR STA UNIT 2 NEWRY SC			TRANS TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 2 NEWRY SC			TRANS				i
	OCONEE NUCLEAR STA UNIT 2 NEWRY SC			TRANS		4.10		4.10
-						230.00 500.00		4.10
16				TRANS TRANS		500.00		
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		500.00		
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		500.00		
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		24.00		4.10
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		4.10	+	
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		4.10		
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		230.00		
	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		13.00		
32	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		13.00	4.10	
33	OCONEE NUCLEAR STA UNIT 3 NEWRY SC			TRANS		100.00	4.10	4.10
34	OCONEE SITE 100KV NEWRY SC			TRANS		100.00	24.00	
35	OCONEE SITE 100KV NEWRY SC			TRANS		100.00	24.00	
36	OGBURN DIST STOKESDALE NC			DIST		44.00	24.00	6.90
37	OGBURN DIST STOKESDALE NC			DIST		44.00	24.00	6.90
38	OGBURN DIST STOKESDALE NC			DIST		44.00	24.00	6.90
39	OGBURN DIST STOKESDALE NC			DIST		44.00	24.00	6.90
40	OLD FORT RET OLD FORT NC			DIST		44.00	6.90	2.40

	e of Respondent		Report I	s: Original	Date of Rep (Mo, Da, Yr)		Year/Period of	Report 017/Q4
Duke	e Energy Carolinas, LLC	(2)		esubmission	04/12/2018		End of 20	)17/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 Va exc ubstati of eac	railwag cept the ons mu ch subs	y customer should not ose serving customers ist be shown. itation, designating wh	t be listed below s with energy for nether transmis	w. or resale, ma ssion or distri	bution and whe	ether
Line						V	OLTAGE (In MV	/a)
No.	Name and Location of Substation			Character of Sub	station	Primary	Secondary	Tertiary
ļ.,	(a)			(b)		(c)	(d)	(e)
	OLD FORT RET OLD FORT NC			DIST		44.00		2.4
	OLD FORT RET OLD FORT NC			DIST		44.00		2.4
	OLD FORT RET OLD FORT NC			DIST		44.00		2.4
4	OLD FORT RET OLD FORT NC			DIST		44.00		
	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
	OSSIPEE DIST OSSIPEE NC			DIST		24.00		2.4
	OSSIPEE DIST OSSIPEE NC			DIST		24.00		2.4
	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		
	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		
	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 NC			DIST		100.00		
	PARK RD RET CHARLOTTE NO			DIST		100.00		
	PARK RD RET CHARLOTTE NC			DIST		100.00		
	PARKWAY SS GROVER NC			DIST		100.00		
	PARKWAY SS GROVER NC			DIST		100.00		
	PARKWOOD TIE DURHAM NC			DIST		100.00		44.0
	PARKWOOD TIE DURHAM NO			TRANS		230.00		44.0
	PARKWOOD TIE DURHAM NO			TRANS		230.00		44.0
	PARKWOOD TIE DURHAM NO			TRANS		230.00	-	44.0
	PARKWOOD TIE DURHAM NO			TRANS		500.00		13.0
	PARKWOOD TIE DURHAM NO			TRANS		500.00		13.0
	PARKWOOD TIE DURHAM NC PARKWOOD TIE DURHAM NC			TRANS		500.00		13.0
40	I ANNOOD HE DURHAM NO			TRANS		500.00	230.00	13.0

	e of Respondent	This F	Report Is	s: Original	Date of Rep (Mo, Da, Yi	port r)	Year/Period of	f Report 017/Q4
Duke	e Energy Carolinas, LLC	(2)	A Re	esubmission	04/12/2018		End of 2	<del>317/Q+</del>
<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 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 excubstation of eac	railway ept tho ons mu h subst	customer should not se serving customers st be shown. tation, designating wh	t be listed below with energy finether 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
	(a)			(b)		(c)	(d)	(e)
	PARKWOOD TIE DURHAM NC			TRANS		500.0		13.00
	PARKWOOD TIE DURHAM NC			TRANS		500.0		13.00
	PARKWOOD TIE DURHAM NC			TRANS		500.0		13.00
4	PARKWOOD TIE DURHAM NC			TRANS		44.0		
	PARKWOOD TIE DURHAM NC			TRANS		13.0		
	PATTERSON SPRINGS RET SHELBY NC			DIST		100.0		
7	PATTERSON SPRINGS RET SHELBY NC			DIST		100.0		
	PEACE HAVEN RD RET CLEMMONS NC			DIST		100.0		
	PEACE HAVEN RD RET CLEMMONS NC			DIST		100.0		
	PEACH VALLEY TIE SPARTANBURG SC			TRANS		230.0		44.00
	PEACH VALLEY TIE SPARTANBURG SC			TRANS		230.0		44.00
	PEACH VALLEY TIE SPARTANBURG SC			TRANS		230.0		44.00
	PEACH VALLEY TIE SPARTANBURG SC			TRANS		44.0		
	PEACH VALLEY TIE SPARTANBURG SC PEACH VALLEY TIE SPARTANBURG SC			TRANS TRANS		44.0		
						44.0		44.00
	PEACOCK TIE GASTONIA NC PEACOCK TIE GASTONIA NC			TRANS TRANS		230.0		44.00
	PEACOCK TIE GASTONIA NC			TRANS		100.0		44.00
	PEACOCK TIE GASTONIA NC			TRANS		44.0		
	PEACOCK TIE GASTONIA NC			TRANS		44.0		
<b>—</b>	PEACOCK TIE GASTONIA NC			TRANS		44.0	+	
	PEARMAN SS ANDERSON SC			DIST		100.0		
	PEARMAN SS ANDERSON SC			DIST		100.0		
	PEBBLE CREEK RET GREENVILLE SC			DIST		100.0		
	PEBBLE CREEK RET GREENVILLE SC			DIST		100.0		
	PEELER RET GAFFNEY SC			DIST		44.0	_	
	PEELER RET GAFFNEY SC			DIST		44.0		
	PELHAM RET TAYLORS SC			DIST		100.0		
	PELHAM RET TAYLORS SC			DIST		100.0		
	PELZER RET PELZER SC			DIST		44.0		
	PENDLETON RET PENDLETON SC			DIST		44.0		
	PENDLETON RET PENDLETON SC			DIST		44.0	-	
	PENDLETON RET PENDLETON SC			DIST		44.0		
	PENDLETON RET PENDLETON SC			DIST		44.0		
	PENDLETON RET PENDLETON SC			DIST		44.0		
	PERTH RD RET TROUTMAN NC			DIST		44.0		
	PERTH RD RET TROUTMAN NC			DIST		44.0		
	PETERS CREEK RET SPARTANBURG SC			DIST		44.0		
	PFAFFTOWN RET WINSTON-SALEM NC			DIST		100.0		
40	PICKENS RET PICKENS SC			DIST		44.0	0 6.90	2.40
					_			

Duke Energy Carolinas, LLC		e of Respondent	This Report	ls: Original	Date of Report (Mo, Da, Yr)		Year/Period of	•
Report below the information called for concerning substations of the respondent as of the end of the year.	Duke	e Energy Carolinas, LLC		_			End of	)17/Q4
2. Substations which serve only one industrial or street railway customer should not be listed below.  3. Substations with capacities of Less than 10 M/va except those serving customers with energy for resale, may be grouped according to 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 attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).    Character of Substation				SUBSTATIONS				
No.   Name and Location of Substation	2. S 3. S to ful 4. In atter	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, so	street railwa Va except th ubstations m of each sub	ay customer should no ose serving customers ust be shown. station, designating wh	t be listed below.  s with energy for renether transmission	esale, ma	bution and wh	ether
Primary   Secondary   Tertiary   C   C   C   C   C   C   C   C   C	Line	Name and Location of Substation		Character of Sub	etation	V	OLTAGE (In MV	/a)
PICKENS RET PICKENS SC	No.					-	-	-
3 PICKENS RET PICKENS SC	1	` '		` ′		` '	` '	2.40
4 PICKENS RET PICKENS SC	2	PICKENS RET PICKENS SC		DIST		44.00	6.90	2.40
4 PICKENS RET PICKENS SC	3	PICKENS RET PICKENS SC		DIST		44.00	6.90	2.40
5         PICKENS RET PICKENS SC         DIST         44.00         6.90         2.           6         PICKENS RET PICKENS SC         DIST         44.00         6.90         2.           7         PICKENS TIE PICKENS SC         TRANS         100.00         44.00         10.00         44.00         10.00         44.00         10.00         44.00         10.00         44.00         6.90         2.         11.00         10.00         44.00         6.90         2.         11.00         10.00         44.00         6.90         2.         11.00         10.00         44.00         6.90         2.         11.00         10.00         44.00         6.90         2.         12.00         10.00         10.00         44.00         6.90         2.         12.00         10.00								2.40
6 PICKENS RET PICKENS SC DIST 44.00 6.90 2. 7 PICKENS TIE PICKENS SC TRANS 100.00 44.00 8 PICKENS TIE PICKENS SC TRANS 100.00 44.00 9 PICKENS TIE PICKENS SC TRANS 100.00 44.00 10 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 11 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 12 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 13 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 14 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 15 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 16 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 17 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 18 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 19 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 10 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 11 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 12 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 13 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 14 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 15 PIEDMONT RET PIEDMONT SC DIST 13.00 2.40 18 PIERCETOWN SS ANDERSON SC DIST 100.00 13.00 2.00 19 PIERCETOWN SS ANDERSON SC DIST 100.00 13.00 19 PIERCETOWN SS ANDERSON SC DIST 100.00 13.00 13.00 2.00 19 PIERCETOWN SS ANDERSON SC DIST 100.00 13.00 2.00 13.00								2.40
7 PICKENS TIE PICKENS SC								2.40
6 PICKENS TIE PICKENS SC         TRANS         100.00         44.00           9 PICKENS TIE PICKENS SC         TRANS         100.00         44.00           10 PIEDMONT RET PIEDMONT SC         DIST         44.00         6.90         2.           11 PIEDMONT RET PIEDMONT SC         DIST         44.00         6.90         2.           12 PIEDMONT RET PIEDMONT SC         DIST         44.00         6.90         2.           14 PIEDMONT RET PIEDMONT SC         DIST         44.00         6.90         2.           15 PIEDMONT RET PIEDMONT SC         DIST         44.00         6.90         2.           16 PIEDMONT RET PIEDMONT SC         DIST         44.00         6.90         2.           16 PIEDMONT RET PIEDMONT SC         DIST         44.00         6.90         2.           17 PIEDMONT RET PIEDMONT SC         DIST         13.00         2.40           18 PIERCETOWN SS ANDERSON SC         DIST         13.00         2.40           19 PIERCETOWN SS ANDERSON SC         DIST         100.00         13.00           20 PINCH GUT CREEK RET NEWTON NC         DIST         100.00         13.00           21 PINEVILLE CITY DEL 1 PINEVILLE NC         DIST         40.00         13.00           22 PINCHLE CITY DEL 2 PINEVI								2.70
9 PICKENS TIE PICKENS SC TRANS 100.00 44.00 10 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 11 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 12 PIEDMONT RET PIEDMONT SC DIST 44.00 13.00 6. 13 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 14 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 15 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 16 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 17 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 18 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 19 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 10 PIEDMONT RET PIEDMONT SC DIST 44.00 6.90 2. 11 PIEDMONT RET PIEDMONT SC DIST 13.00 2.40 6.90 2. 12 PIEDMONT RET PIEDMONT SC DIST 13.00 2.40 6.90 2. 13 PIERCETOWN SS ANDERSON SC DIST 13.00 2.40 6.90 2. 14 PIERCETOWN SS ANDERSON SC DIST 100.00 13.00 6.00 6.90 6.90 6.90 6.90 6.90 6.90 6								
10   PIEDMONT RET PIEDMONT SC								
11 PIEDMONT RET PIEDMONT SC	-							2.40
12   PIEDMONT RET PIEDMONT SC								2.40
13   PIEDMONT RET PIEDMONT SC								
14   PIEDMONT RET PIEDMONT SC	ļ							6.90
15   PIEDMONT RET PIEDMONT SC								2.40
16   PIEDMONT RET PIEDMONT SC   DIST   13.00   2.40     17   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     21   PINEVILLE CITY DEL 1 PINEVILLE NC   DIST   144.00   13.00     22   PINEVILLE CITY DEL 1 PINEVILLE NC   DIST   44.00   13.00     23   PINEVILLE CITY DEL 1 PINEVILLE NC   DIST   44.00   13.00     24   PINEWOOD RET SPARTANBURG SC   DIST   100.00   13.00     25   PINEWOOD RET SPARTANBURG SC   DIST   100.00   13.00     26   PINEWOOD RET SPARTANBURG SC   DIST   100.00   13.00     27   PINEWARRILL 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   100.00   44.00     36   PINNACLE TIE PINNACLE NC   TRANS   100.00   44.00     37   PINNACLE TIE PINNACLE NC   TRANS   100.00   44.00     38   PINNACLE TIE PINNACLE NC   TRANS   100.00   44.00     39   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     34   PINNACLE TIE PINNACLE NC   TRANS   100.00   44.00     35   PINNACLE TIE PINNACLE NC   TRANS   100.00   44.00     36   PINNACLE TIE PINNACLE NC   TRANS   100.00   44.00     37   PINNACLE TIE PINNACLE NC   TRANS   100.00   24.00     38   PIPR GLEN RET CHARLOTTE NC   DIST   100.00   24.00     39   PIPR GLEN RET CHARLOTTE NC   DIST   100.00   24.00     39   PIPR GLEN RET CHARLOTTE NC   DIST   100.00   24.00     39   P								2.40
17   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     21   PINEVILLE CITY DEL 1 PINEVILLE NC   DIST   44.00   13.00     22   PINEVILLE CITY DEL 1 PINEVILLE NC   DIST   44.00   13.00     23   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   PINEWOOD RET SPARTANBURG SC   DIST   100.00   44.00     27   PINEW 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   100.00   44.00     36   PINNACLE TIE PINNACLE NC   TRANS   100.00   44.00     37   PINNACLE TIE PINNACLE NC   TRANS   100.00   44.00     38   PINNACLE TIE PINNACLE NC   TRANS   100.00   44.00     39   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     34   PINNACLE TIE PINNACLE NC   TRANS   100.00   44.00     35   PINNACLE TIE PINNACLE NC   TRANS   100.00   44.00     36   PINNACLE TIE PINNACLE NC   TRANS   100.00   44.00     37   PINNACLE TIE PINNACLE NC   TRANS   100.00   24.00     38   PIPRE GLEN RET CHARLOTTE NC   DIST   100.00   24.00     39   PIPRE GLEN RET CHARLOTTE NC   DIST   100.00   24.00     39   PIPRE GLEN RET CHARLOTTE NC   DIST   100.00   24.00     39   PIPRE GLEN RET CHARLOTTE NC   DIST   100.00   24.00								2.40
18 PIERCETOWN SS ANDERSON SC								2.40
19   PIERCETOWN SS ANDERSON SC   DIST   100.00   13.00								
20 PINCH GUT CREEK RET NEWTON NC         DIST         100.00         13.00           21 PINEVILLE CITY DEL 1 PINEVILLE NC         DIST         44.00         13.00           22 PINEVILLE CITY DEL 1 PINEVILLE NC         DIST         44.00         13.00           23 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 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>100.00</td> <td></td> <td></td>						100.00		
21 PINEVILLE CITY DEL 1 PINEVILLE NC       DIST       44.00       13.00         22 PINEVILLE CITY DEL 1 PINEVILLE NC       DIST       44.00       13.00         23 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       100.00       44.00         36 PINNACLE TIE PINNACLE NC       TRANS       100.00       24.00				_				
22 PINEVILLE CITY DEL 1 PINEVILLE NC       DIST       44.00       13.00         23 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       100.00       44.00         36 PIONEER AVE RET CHARLOTTE NC       DIST       100.00       24.00         37 PIONEER AVE RET CHARLOTTE NC       DIST       100.00       24.00<	20	PINCH GUT CREEK RET NEWTON NC		DIST		100.00	13.00	
23 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       100.00       44.00         36 PIONEER AVE RET CHARLOTTE NC       DIST       100.00       24.00         37 PIONEER AVE RET CHARLOTTE NC       DIST       100.00       24.00         38 PIPER GLEN RET CHARLOTTE NC       DIST       100.00       24.00	21	PINEVILLE CITY DEL 1 PINEVILLE NC		DIST		44.00	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       100.00       44.00         36 PIONEER AVE RET CHARLOTTE NC       DIST       100.00       24.00         37 PIONEER AVE RET CHARLOTTE NC       DIST       100.00       24.00         38 PIPER GLEN RET CHARLOTTE NC       DIST       100.00       24.00	22	PINEVILLE CITY DEL 1 PINEVILLE NC		DIST		44.00	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         100.00         44.00           36 PIONEER AVE RET CHARLOTTE NC         DIST         100.00         24.00           37 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	23	PINEVILLE CITY DEL 2 PINEVILLE NC		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       100.00       44.00         36 PIONEER AVE RET CHARLOTTE NC       DIST       100.00       24.00         37 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	24	PINEWOOD RET SPARTANBURG SC		DIST		100.00	13.00	
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         37 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	25	PINEWOOD RET SPARTANBURG SC		DIST		100.00	13.00	
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         37 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	26	PINK HARRILL TIE CAROLEEN 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         37 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	27	PINK HARRILL TIE CAROLEEN 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         37 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	28	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         37 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	29	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         37 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	30	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         37 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	31	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         37 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	32	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         37 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	33	PINNACLE TIE PINNACLE NC		TRANS		100.00	44.00	
36         PIONEER AVE RET CHARLOTTE NC         DIST         100.00         24.00           37         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	34	PINNACLE TIE PINNACLE NC		TRANS		100.00	44.00	
37         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	35	PINNACLE TIE PINNACLE NC		TRANS		24.00	0.20	
37         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	36	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								
39 PIPER GLEN RET CHARLOTTE NC DIST 100.00 24.00	-							
	-							
27.00								
						- 312 <b>0</b>		

	'	This Rep	oort Is: IAn O	: riginal	Date of Rej (Mo, Da, Yi	oort	Year/Period of	f Report 017/Q4
Duke	P Energy (Carolinas III (C	(2)	A Re	submission	04/12/2018		End of 2	017/Q4
				SUBSTATIONS		•		
2. S 3. S to fu 4. Ir atter	deport below the information called for concernubstations which serve only one industrial or substations with capacities of Less than 10 MV nctional character, but the number of such subnidicate in column (b) the functional character of aded or unattended. At the end of the page, sumn (f).	street ra a excep stations of each	ilway ot thos s mus substa	customer should not se serving customers at be shown. ation, designating wh	be listed below with energy factorine	ow. or resale, n ssion or dis	nay be grouped	nether
Line	News and Leasting of Outstation			Ob and at a of Out	-4-4:		VOLTAGE (In M	
No.	Name and Location of Substation			Character of Sub	station	Primary	Secondary	Tertiary
1	(a) PISGAH TIE PISGAH FOREST NC			(b)		(c) 230.0	(d) 00 100.00	(e) 44.00
	PISGAH TIE PISGAH FOREST NC			TRANS		230.0		44.00
3				TRANS		100.0		11.00
4				TRANS		100.0		13.00
	PISGAH TIE PISGAH FOREST NC			TRANS		100.0		13.00
	PISGAH TIE PISGAH FOREST NC			TRANS		44.0		10.00
7				TRANS		44.0		
8	PISGAH TIE PISGAH FOREST NC			TRANS		44.0		
9				DIST		100.0	00 13.00	
10	PLAINVIEW RET ANDERSON SC			DIST		100.0	00 13.00	
11	PLAINVIEW RET ANDERSON SC			DIST		100.0		
12	PLEASANT GARDEN RET PLEASANT GARDEN	NC		DIST		44.0	00 13.00	
13	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		230.0	00 100.00	44.00
14	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		230.0	00 100.00	44.00
15	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		230.0	00 100.00	44.00
16	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		500.	230.00	24.00
17	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		500.	230.00	24.00
18	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		500.0	230.00	24.00
19	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		500.0	230.00	24.00
20	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		44.0	00	
21	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		500.0	00	
22	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		500.0	00	
23	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		500.0	00	
24	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		500.	00	
25	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		44.0	0.40	
26	PLEASANT GARDEN TIE PLEASANT GARDEN	NC		TRANS		24.0	0.40	
27	POPE RD RET DURHAM NC			DIST		100.0	24.00	
28	POPE RD RET DURHAM NC			DIST		100.0	24.00	
29	POPLAR TENT RET CONCORD NC			DIST		100.0	13.00	
30	POPLAR TENT RET CONCORD NC			DIST		100.0	13.00	
31	POWDERSVILLE RET POWDERSVILLE SC			DIST		44.0	13.00	
32	POWDERSVILLE RET POWDERSVILLE SC			DIST		44.0	00 13.00	
33	PROCTER & GAMBLE GBORO PL T&D GREENS	SBORO	NC	DIST		44.0	00 13.00	
	PROPST RET HICKORY NC			DIST		44.0	00 13.00	
	PROPST RET HICKORY NC			DIST		44.0	00 13.00	
	PROVOL RET CHARLOTTE NC			DIST		100.0		
	PROVOL RET CHARLOTTE NC			DIST		100.0		
	PROVOL RET CHARLOTTE NC			DIST		100.0		
	PUTMAN RET FOUNTAIN INN SC			DIST		100.0		
40	PUTMAN RET FOUNTAIN INN SC			DIST		100.0	00 13.00	
	1						!	

	e of Respondent	This (1)	Report Is	: Priginal	Date of Rep (Mo, Da, Yi	oort	Year/Period of		
Duke	e Energy Carolinas, LLC	(2)		submission	04/12/2018		End of2017/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 obstati of eac	railway cept thos ons mus ch subst	customer should not se serving customers at be shown. ation, designating wh	be listed belowith energy fether transmis	ow. or resale, m ssion or dist	ribution and wh	ether	
ine	Name and Location of Substation			Character of Sub	ototion		VOLTAGE (In M\	/a)	
No.	(a)			(b)	Station	Primary (c)	Secondary (d)	Tertiary (e)	
1	PUTMAN RET FOUNTAIN INN SC			DIST		100.0	` '	(0)	
	PUTMAN RET FOUNTAIN INN SC			DIST		100.0			
	RAGSDALE RET JAMESTOWN NC			DIST		100.0			
	RAGSDALE RET JAMESTOWN NC			DIST		100.0			
	RANDLEMAN RD RET RANDLEMAN NC			DIST		100.0		4.10	
	RANDLEMAN RD RET RANDLEMAN NC			DIST		100.0		4.10	
	RANDOLPH AVE RET GREENSBORO NC			DIST		100.0			
	RANDOLPH AVE RET GREENSBORO NC			DIST		100.0			
	RANDOLPH AVE RET GREENSBORO NC			DIST		100.0			
	RANKIN AVE RET MOUNT HOLLY NC			DIST		100.0			
	RANKIN AVE RET MOUNT HOLLY NO			DIST		100.0			
	REAMES RD RET CHARLOTTE NC			DIST		100.0			
	REAMES RD RET CHARLOTTE NC			DIST		100.0			
	REAMES RD RET CHARLOTTE NC			DIST		100.0			
	RED RAIDER RET BELMONT NC			DIST		100.0			
				DIST		100.0			
	RED ROSE RET LANGASTER SC			DIST					
	RED ROSE RET LANCASTER SC					100.0			
	REEDY RIVER TIE FOUNTAIN INN SC			TRANS		100.0			
	REEDY RIVER TIE FOUNTAIN INN SC			TRANS		100.0			
	REEDY RIVER TIE FOUNTAIN INN SC			TRANS		100.0	-		
	REEDY RIVER TIE FOUNTAIN INN SC			TRANS		100.0		04.00	
	REEDY RIVER TIE FOUNTAIN INN SC			TRANS		100.0		24.00	
	REEDY RIVER TIE FOUNTAIN INN SC			TRANS		100.0		24.00	
	REEDY RIVER TIE FOUNTAIN INN SC			TRANS		100.0		24.00	
	REIDSVILLE RET REIDSVILLE NC			DIST		100.0			
	REIDSVILLE RET REIDSVILLE NC			DIST		100.0		4.40	
	REIDSVILLE RET REIDSVILLE NC			DIST		100.0		4.10	
	REIDSVILLE RET REIDSVILLE NC			DIST		100.0		4.10	
	REMOUNT RD RET CHARLOTTE NC			DIST		100.0			
	REMOUNT RD RET CHARLOTTE NC			DIST		100.0			
	RESEARCH TRIANGLE RET DURHAM NC			DIST		100.0			
	RESEARCH TRIANGLE RET DURHAM NC			DIST		100.0			
	RESEARCH TRIANGLE RET DURHAM NC			DIST		100.0			
	RHODHISS HYDRO PL RHODHISS NC			TRANS		46.0			
	RHODHISS HYDRO PL RHODHISS NC			TRANS		46.0			
	RHODHISS HYDRO PL RHODHISS NC			TRANS		46.0			
	RHODHISS TIE RHODHISS NC			TRANS		100.0			
	RHODHISS TIE RHODHISS NC			TRANS		100.0			
	RHODHISS TIE RHODHISS NC			TRANS		44.0			
40	RICH MOUNTAIN RET BREVARD NC			DIST		100.0	0 13.00		

	e of Respondent		Report	t Is: n Original	Date of Rep (Mo, Da, Yr	oort ')	Year/Period of	Report 017/Q4
Duke	e Energy Carolinas, LLC	(2)		Resubmission	04/12/2018		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 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 ibstati of eac	railwate rai	ay customer should no nose serving customers nust be shown. ostation, 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)
	RICH MOUNTAIN RET BREVARD NC			DIST		100.00		
	RICHFIELD RET RICHFIELD NC			DIST		100.00		6.9
	RICHFIELD RET RICHFIELD NC			DIST		100.00		6.9
4	RICHFIELD RET RICHFIELD NC			DIST		100.00		6.9
	RICHFIELD RET RICHFIELD NC			DIST		100.00		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 NO			TRANS		100.00		
ļ	RIVERBEND STEAM STA MOUNT HOLLY NO			TRANS		100.00		
	RIVERBEND STEAM STA MOUNT HOLLY NO			TRANS		44.00		
	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		
	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		230.00		
<b>-</b>	RIVERBEND STEAM STA MOUNT HOLLY NO			TRANS		100.00	-	40.0
	RIVERBEND STEAM STA MOUNT HOLLY NO			TRANS		100.00		13.0
	RIVERBEND STEAM STA MOUNT HOLLY NC			TRANS		44.00		
	RIVERSTONE RET FOREST CITY NC			DIST		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 ROBBINSVILLE RET ROBBINSVILLE NC			DIST		161.00		
				DIST		13.00	<u> </u>	
	ROBBINSVILLE RET ROBBINSVILLE NC			DIST		13.00		
	ROBBINSVILLE RET ROBBINSVILLE NC			DIST		13.00		
	ROBBINSVILLE RET ROBBINSVILLE NC ROBBINSVILLE RET ROBBINSVILLE NC			DIST		13.00		
	ROBERTA RD RET CONCORD NC			DIST		44.00		
	ROBERTARD RET CONCORD NC			DIST		44.00		
	ROCHESTER TIE NEWRY SC			TRANS DIST		100.00		42.0
	ROCK HILL CITY DEL 4 ROCK HILL SC  ROCK HILL CITY DEL 4 ROCK HILL SC			DIST		100.00		13.0
	ROCK HILL CITY DEL 4 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
70	NOONTHEE WIT NOONTHEE GO					100.00	13.00	0.8

	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	04/12/2018	End of 2	2017/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 should no ept those serving customer ons must be shown. h substation, designating w	t be listed below. s with energy for resale, i hether transmission or di	may be grouped	nether
Line					VOLTAGE (In M	Va)
No.	Name and Location of Substation		Character of Sul	Primary	Secondary	Tertiary
1	(a) ROCK HILL MN ROCK HILL SC		DIST (b)	(c) 100	.00 (d) .00 13.00	(e) 6.9
	ROCKETT RET CONOVER NC		DIST	100		
	ROCKETT RET CONOVER NC		DIST	100		
4	ROCKWELL RET ROCKWELL NC		DIST	100		
	ROCKWELL RET ROCKWELL NC		DIST	100		
	ROCKY CREEK HYDRO GREAT FALLS SC		TRANS		.00 13.00	
7			TRANS		.00 4.10	
	ROCKY CREEK HYDRO GREAT FALLS SC		TRANS		.00 4.10	
	ROCKY CREEK HYDRO GREAT FALLS SC		TRANS		.00 4.10	
	ROCKY CREEK HYDRO GREAT FALLS SC		TRANS		.40 0.40	
	ROCKY CREEK HYDRO GREAT FALLS SC		TRANS		.40 0.40	
	ROPER MTN RET GREENVILLE SC		DIST	100		
	ROPER MTN RET GREENVILLE SC		DIST	100		
	ROSE HILL RET GAFFNEY SC		DIST	100		
	ROSE HILL RET GAFFNEY SC		DIST	100		
	ROSE HILL RET GAFFNEY SC		DIST	100		
	ROSE HILL RET GAFFNEY SC		DIST	100		
	ROSMAN SS ROSMAN NC		DIST		.00 13.00	
	ROSMAN SS ROSMAN NC		DIST		.00 6.90	
	ROSMAN SS ROSMAN NC		DIST		.00 0.90	
<b>—</b>	ROSMAN SS ROSMAN NC		DIST		.00 13.00	
	ROUGHEDGE TIE ROUGHEDGE NC		TRANS		.00 13.00	
	ROUGHEDGE TIE ROUGHEDGE NC		TRANS	100		
	ROUGHEDGE TIE ROUGHEDGE NC		TRANS	100		
	ROUGHEDGE TIE ROUGHEDGE NC		TRANS	100		
	ROUGHEDGE TIE ROUGHEDGE NC		TRANS	100		
	ROUGHEDGE TIE ROUGHEDGE NC		TRANS	100		
	ROUGHEDGE TIE ROUGHEDGE NC		TRANS	100		
	ROUGHEDGE TIE ROUGHEDGE NC		TRANS	100		
	ROYAL RET CHARLOTTE NC		DIST	100		
	ROYAL RET CHARLOTTE NC		DIST	100		
	ROZZELLES RET CHARLOTTE NC		DIST	100		
	ROZZELLES RET CHARLOTTE NC		DIST	100		
	RUDD RET GREENSBORO NC		DIST	100		
	RUDD RET GREENSBORO NC		DIST	100		
	RUFFIN RET RUFFIN NC		DIST		.00 24.00	
	RUFFIN RET RUFFIN NC		DIST		.00 6.90	
	RUFFIN RET RUFFIN NC		DIST		.00 6.90	
	RUFFIN RET RUFFIN NC		DIST		.00 6.90	
	RUFFIN RET RUFFIN NC		DIST		.00 6.90	
					5.30	

	e of Respondent		Report	ls: Original	Date of Rep (Mo, Da, Yi	oort	Year/Period of	•
Duke	e Energy Carolinas, LLC	(2)		Resubmission	04/12/2018		End of 20	017/Q4
	•			SUBSTATIONS		•		
2. S 3. S to fu 4. Ir atter	Report below the information called for concern substations which serve only one industrial or substations with capacities of Less than 10 MV inctional character, but the number of such substations with capacities of Less than 10 MV inctional character, but the number of such substance in column (b) the functional character of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page, substance of the page of the page, substance of the page	street /a exc bstation of eac	railwa ept th ons m h sub	ay customer should not nose serving customers ust be shown. station, designating wh	t be listed below with energy finether transmis	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)
	RURAL HALL RET RURAL HALL NC			DIST		44.00		
	RURAL HALL RET RURAL HALL NC			DIST		44.00		
	RURAL HALL TIE RURAL HALL NC			TRANS		230.00		44.0
	RURAL HALL TIE RURAL HALL NC			TRANS		230.00		44.0
	RURAL HALL TIE RURAL HALL NC			TRANS		230.00		44.0
	RURAL HALL TIE RURAL HALL NC			TRANS		44.00		
	RURAL HALL TIE RURAL HALL NC			TRANS		44.00		
	RUTHERFORD COLLEGE RET RUTHERFORD			DIST		44.00	24.00	13.0
	RUTHERFORD COLLEGE RET RUTHERFORD	COLLI	EGE	DIST		44.00		
	RUTLEDGE TIE MT AIRY NC			TRANS		100.00		
	RUTLEDGE TIE MT AIRY NC			TRANS		100.00		
	S CULLOWHEE RET CULLOWHEE NC			DIST		66.00	13.00	
	S CULLOWHEE RET CULLOWHEE NC			DIST		66.00	13.00	
	S FRANKLIN RET FRANKLIN NC			DIST		66.00		
	S FRANKLIN RET FRANKLIN NC			DIST		66.00		
-	S GASTONIA RET GASTONIA NC			DIST		44.00	13.00	
	S GASTONIA RET GASTONIA NC			DIST		44.00	13.00	
	S HICKORY RET HICKORY NC			DIST		100.00	13.00	
	S HICKORY RET HICKORY NC			DIST		100.00	13.00	
	S SHELBY SS SHELBY NC			DIST		44.00	-	
	S SYLVA RET SYLVA NC			DIST		67.00		
	SADLER TIE REIDSVILLE NC			TRANS		230.00		44.0
	SADLER TIE REIDSVILLE NC			TRANS		230.00		44.0
	SADLER TIE REIDSVILLE NC			TRANS		44.00		
	SADLER TIE REIDSVILLE NC			TRANS		44.00		
	SALISBURY MN SALISBURY NC			TRANS		100.00		
	SALISBURY MN SALISBURY NC			TRANS		100.00		
	SALISBURY MN SALISBURY NC			TRANS		100.00		
	SALISBURY MN SALISBURY NC			TRANS		100.00		
	SALISBURY MN SALISBURY NC			TRANS		100.00		24.0
	SALISBURY MN SALISBURY NC SALISBURY MN SALISBURY NC			TRANS		100.00		24.0
	SALISBURY MN SALISBURY NC			TRANS		100.00		24.0
				TRANS		100.00		24.0
	SALISBURY MN SALISBURY NC			TRANS		100.00		
	SALISBURY MN SALISBURY NC			TRANS		100.00		24.0
	SALISBURY MN SALISBURY NC			TRANS		100.00		24.0
	SALISBURY MN SALISBURY NC			TRANS		100.00		24.0
	SALISBURY MN SALISBURY NC SALISBURY MN SALISBURY NC			TRANS		100.00		2.4
	SALISBURY MIN SALISBURY NC			TRANS TRANS		100.00		2.4
40	OALIGURIT WIN SALIGURIT INC			IIVANO		100.00	0.90	2.4

	e of Respondent		Report Is		Date of Rep (Mo, Da, Yr		Year/Period of	•
Duke	e Energy Carolinas, LLC	(2)	A Re	submission	04/12/2018	,	End of 20	017/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 Va exc ubstation of eac	railway cept thosons mus ch subst	customer should not se serving customers at be shown. ation, designating wh	t be listed belo with energy for nether transmis	w. 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 (b)	station	Primary (c)	Secondary (d)	Tertiary (e)
1	SALISBURY MN SALISBURY NC			TRANS		100.00	6.90	2.4
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		44.00	6.90	
5	SALUDA RET SALUDA NC			DIST		44.00	6.90	2.4
6	SALUDA RET SALUDA NC			DIST		44.00	6.90	2.4
7	SALUDA RET SALUDA NC			DIST		44.00	6.90	2.4
8	SALUDA RET SALUDA NC			DIST		44.00	6.90	
9	SALUDA RET SALUDA NC			DIST		44.00	6.90	
10	SANDS RD RET REIDSVILLE NC			DIST		100.00	24.00	
11	SANDY SPRINGS RET PENDLETON SC			DIST		44.00	13.00	6.9
12	SANDY SPRINGS RET PENDLETON SC			DIST		44.00	13.00	6.9
13	SANDY SPRINGS RET PENDLETON SC			DIST		44.00	13.00	6.9
14	SANDY SPRINGS RET PENDLETON SC			DIST		44.00	13.00	6.9
15	SANDY SPRINGS RET PENDLETON SC			DIST		44.00	6.90	2.4
16	SANDY SPRINGS RET PENDLETON SC			DIST		44.00	6.90	2.4
17	SANDY SPRINGS RET PENDLETON SC			DIST		44.00	6.90	2.4
18	SANDY SPRINGS TIE SANDY SPRINGS SC			TRANS		100.00	44.00	
19	SANDY SPRINGS TIE SANDY SPRINGS SC			TRANS		100.00	44.00	
20	SANDY SPRINGS TIE SANDY SPRINGS SC			TRANS		24.00	0.20	
21	SAPPHIRE RET CASHIERS NC			DIST		66.00	13.00	
22	SAWMILLS RET SAWMILLS NC			DIST		44.00	13.00	
23	SAWMILLS RET SAWMILLS NC			DIST		44.00	13.00	
24	SAXAPAHAW RET SAXAPAHAW NC			DIST		44.00	13.00	
25	SAXAPAHAW RET SAXAPAHAW NC			DIST		44.00	13.00	
26	SCUFFLETOWN RET SIMPSONVILLE SC			DIST		100.00	13.00	
27	SEDGE GARDEN RET KERNERSVILLE NC			DIST		100.00	13.00	
28	SEDGE GARDEN RET KERNERSVILLE NC			DIST		100.00	13.00	
29	SEDGE GARDEN RET KERNERSVILLE NC			DIST		100.00	24.00	
30	SENECA CITY DEL 1 SENECA SC			DIST		100.00	13.00	
31	SENECA CITY DEL 2 SENECA SC			DIST		100.00	13.00	
32	SENECA TIE SENECA SC			TRANS		100.00	44.00	
33	SENECA TIE SENECA SC			TRANS		100.00	44.00	
34	SEVENTH ST RET BURLINGTON NC			DIST		100.00	24.00	
35	SEVENTH ST RET BURLINGTON NC			DIST		100.00	24.00	
36	SEVENTH ST RET BURLINGTON NC			DIST		24.00		2.4
37	SEVENTH ST RET BURLINGTON NC			DIST		24.00	6.90	2.4
38	SEVENTH ST RET BURLINGTON NC			DIST		24.00		2.4
39	SEVENTH ST RET BURLINGTON NC			DIST		24.00	2.40	
40	SEWARD RET WINSTON-SALEM NC			DIST		100.00	24.00	

	e of Respondent	This Report (1) X An	ls: Original	Date of Repo (Mo, Da, Yr)	rt	Year/Period of	•
Duke	e Energy Carolinas, LLC	` '	Resubmission	04/12/2018		End of 20	017/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 railwa Va except the 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	resale, ma ion or distri	bution and wh	ether
Line			0, , , , ,		V	OLTAGE (In MV	/a)
No.	Name and Location of Substation (a)		Character of Sub	station	Primary (c)	Secondary (d)	Tertiary (e)
1	SEWARD RET WINSTON-SALEM NC		DIST		100.00	24.00	
2	SHACKTOWN RET YADKINVILLE NC		DIST		100.00	13.00	
3	SHADY GROVE TIE GREENVILLE SC		TRANS		230.00	100.00	44.00
4	SHADY GROVE TIE GREENVILLE SC		TRANS		230.00	100.00	44.00
5	SHADY GROVE TIE GREENVILLE SC		TRANS		44.00		
6	SHADY GROVE TIE GREENVILLE SC		TRANS		44.00		
7	SHADY GROVE TIE GREENVILLE SC		TRANS		44.00	0.40	
8	SHARON GROVE SS HICKORY GROVE SC		DIST		44.00	6.90	2.40
9	SHARON GROVE SS HICKORY GROVE SC		DIST		44.00	6.90	2.40
10	SHARON GROVE SS HICKORY GROVE SC		DIST		44.00	6.90	2.40
11	SHARON GROVE SS HICKORY GROVE SC		DIST		44.00	6.90	2.40
12	SHARON GROVE SS HICKORY GROVE SC		DIST		44.00	6.90	2.40
13	SHARON GROVE SS HICKORY GROVE SC		DIST		44.00	6.90	2.40
14	SHARON GROVE SS HICKORY GROVE SC		DIST		44.00	6.90	2.40
15	SHARON RET CHARLOTTE NC		DIST		100.00	24.00	
16	SHARON RET CHARLOTTE NC		DIST		100.00	24.00	
17	SHATTALON SW STA WINSTON-SALEM NC		TRANS		100.00	13.00	
18	SHATTALON SW STA WINSTON-SALEM NC		TRANS		100.00	13.00	
	SHELBY CITY DEL 8 SHELBY NC		DIST		44.00	13.00	
20	SHELBY CITY DEL 8 SHELBY NC		DIST		44.00	13.00	
21	SHELBY MN SHELBY NC		DIST		44.00	2.40	
22	SHELBY MN SHELBY NC		DIST		44.00	2.40	
23	SHELBY MN SHELBY NC		DIST		44.00	2.40	
24	SHELBY MN SHELBY NC		DIST		44.00	2.40	
25	SHELBY TIE SHELBY NC		TRANS		230.00	100.00	44.00
26	SHELBY TIE SHELBY NC		TRANS		230.00	100.00	44.00
27	SHELBY TIE SHELBY NC		TRANS		230.00	100.00	44.00
28	SHELBY TIE SHELBY NC		TRANS		44.00		
29	SHELBY TIE SHELBY NC		TRANS		44.00		
30	SHELBY TIE SHELBY NC		TRANS		44.00	2.40	0.60
	SHELBY TIE SHELBY NC		TRANS		44.00	2.40	0.60
	SHELBY TIE SHELBY NC		TRANS		44.00	2.40	0.60
33	SHERRILLS FORD SS SHERRILLS FORD NC		DIST		44.00	13.00	
34	SHERRILLS FORD SS SHERRILLS FORD NC		DIST		44.00	13.00	
	SHOPTON RET CHARLOTTE NC		DIST		100.00	24.00	
	SHORTOFF RET HIGHLANDS NC		DIST		66.00	13.00	
	SIX MILE RET SIX MILE SC		DIST		44.00	13.00	
	SMITHTOWN RET SMITHTOWN NC		DIST		44.00	13.00	
	SOUTHBOUND RET WINSTON-SALEM NC		DIST		100.00		
40	SOUTHBOUND RET WINSTON-SALEM NC		DIST		100.00	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	04/12/2018	End of 2	017/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 aded or unattended. At the end of the page, smn (f).	street Va exc obstati of eac	t 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, r	may be grouped	nether
ine	Name and Location of Substation		Character of Sub	estation	VOLTAGE (In M	Va)
No.	(a)		(b)	Primary (c)	Secondary (d)	Tertiary (e)
1	SOUTHBOUND RET WINSTON-SALEM NC		DIST	100.	· ' '	(-)
2	SOUTHPORT RD RET SPARTANBURG SC		DIST	100.	00 13.00	
3	SPARTAN GREEN RET DUNCAN SC		DIST	100.	00 24.00	
4	SPARTAN GREEN RET DUNCAN SC		DIST	100.	00 24.00	
5	SPARTAN HEIGHTS RET HENDERSONVILLE	NC	DIST	44.	00 13.00	
6	SPARTAN HEIGHTS RET HENDERSONVILLE	NC	DIST	44.	00 13.00	
7	SPEEDWAY RET HARRISBURG NC		DIST	100.	00 13.00	6.90
8	SPEEDWAY RET HARRISBURG NC		DIST	100.	00 13.00	6.90
9	SPEEDWAY RET HARRISBURG NC		DIST	100.	00 13.00	6.90
10	SPEEDWAY RET HARRISBURG NC		DIST	100.	00 13.00	6.90
11	SPEEDWAY RET HARRISBURG NC		DIST	100.	00 24.00	
12	SPEEDWAY RET HARRISBURG NC		DIST	13.	00	
13	SPRINGFIELD RET CHARLOTTE NC		DIST	100.	00 24.00	
14	SPRINGFIELD RET CHARLOTTE NC		DIST	100.	00 24.00	
15	SPRINGS IND SS FORT LAWN SC		DIST	100.	00 24.00	13.00
16	SPRINGS IND SS FORT LAWN SC		DIST	13.	00	
17	ST MARKS RET BURLINGTON NC		DIST	100.	00 24.00	
18	ST MARKS RET BURLINGTON NC		DIST	100.	00 24.00	
19	ST STEPHENS RET HICKORY NC		DIST	100.	00 13.00	
20	ST STEPHENS RET HICKORY NC		DIST	100.	00 13.00	
21	STALLINGS RD RET DURHAM NC		DIST	100.	00 13.00	
22	STALLINGS RD RET DURHAM NC		DIST	100.	00 24.00	
23	STAMEY TIE STATESVILLE NC		TRANS	230.	00 100.00	13.00
24	STAMEY TIE STATESVILLE NC		TRANS	230.	00 100.00	13.00
25	STAMEY TIE STATESVILLE NC		TRANS	230.	00 100.00	44.00
26	STAMEY TIE STATESVILLE NC		TRANS	13.	00 0.40	
27	STAMEY TIE STATESVILLE NC		TRANS	13.	00 0.40	
28	STARMOUNT FOREST DIST GREENSBORO 1	VC .	DIST	24.	00 6.90	2.40
29	STARMOUNT FOREST DIST GREENSBORO 1	VC .	DIST	24.	00 6.90	2.40
30	STARMOUNT FOREST DIST GREENSBORO 1	VC .	DIST	24.	00 6.90	2.40
31	STARMOUNT FOREST DIST GREENSBORO 1	VC	DIST	24.	00 6.90	2.40
32	STARTOWN RET NEWTON NC		DIST	44.	00 13.00	
33	STARTOWN RET NEWTON NC		DIST	44.	00 13.00	
34	STATESVILLE CITY DEL 2 STATESVILLE NC		DIST	100.	00 24.00	
35	STATESVILLE CITY DEL 2 STATESVILLE NC		DIST	100.	00 24.00	13.00
36	STATESVILLE CITY DEL 3 STATESVILLE NC		DIST	100.	00 24.00	
37	STATESVILLE RD RET SALISBURY NC		DIST	100.	00 13.00	
38	STATESVILLE RD RET SALISBURY NC		DIST	100.	00 13.00	
39	STATESVILLE TIE STATESVILLE NC		TRANS	100.	00 44.00	
40	STATESVILLE TIE STATESVILLE NC		TRANS	100.	00 44.00	

	e of Respondent	This Report is:   (1)   X An Original	Date of Report (Mo, Da, Yr)	Year/Period of	•
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		SUBSTATIONS			
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1 !				VOLTAGE (In M\	(a)
Line No.	Name and Location of Substation	Character of Sub	station	· · · · · ·	<i>'</i>
	(a)	(b)	Primary (c)	Secondary (d)	Tertiary (e)
1	STATESVILLE TIE STATESVILLE NC	TRANS	100.0	` '	(0)
	STATESVILLE TIE STATESVILLE NC	TRANS	100.0	0 13.00	6.90
3	STATESVILLE TIE STATESVILLE NC	TRANS	100.0	0 13.00	6.90
		TRANS	100.0		6.90
		TRANS	100.0		6.90
6	STATESVILLE TIE STATESVILLE NC	TRANS	100.0	0 13.00	6.90
	STATESVILLE TIE STATESVILLE NC	TRANS	100.0		6.90
	STATESVILLE TIE STATESVILLE NC	TRANS	100.0	0 13.00	6.90
	STEELE CREEK RET CHARLOTTE NC	DIST	100.0	0 24.00	
10	STEELE CREEK RET CHARLOTTE NC	DIST	100.0	0 24.00	
	STOUTS RET STOUTS NC	DIST	100.0		
	STOUTS RET STOUTS NC	DIST	100.0		
	STOUTS RET STOUTS NC	DIST	100.0		
	SUGAR HILL TIE MARION NC	TRANS	100.0		
	SUGAR HILL TIE MARION NC	TRANS	100.0	0 44.00	
	SUGAR HILL TIE MARION NC	TRANS	24.0	0 0.20	
	SUMMERFIELD RET SUMMERFIELD NC	DIST	100.0	+	
18	SUMMERFIELD RET SUMMERFIELD NC	DIST	100.0	0 24.00	
19	SUMMEY ST RET CLEMSON SC	DIST	100.0	0 13.00	
20	SUMMEY ST RET CLEMSON SC	DIST	100.0	0 13.00	
21	SUMMEY ST RET CLEMSON SC	DIST	100.0	0 13.00	
22	SUMNER RET SALISBURY NC	DIST	100.0	0 13.00	
23	SUMNER RET SALISBURY NC	DIST	100.0	0 13.00	
24	SUN CITY YORK SC	DIST	100.0	0 24.00	
	SUNSET RET CHARLOTTE NC	DIST	100.0		
26	SUNSET RET CHARLOTTE NC	DIST	100.0	0 13.00	
27	SWAIMTOWN RET WINSTON-SALEM NC	DIST	100.0	0 13.00	
28	SWAIMTOWN RET WINSTON-SALEM NC	DIST	100.0	0 13.00	
29	SWAIN TIE BRYSON CITY NC	TRANS	161.0	0 66.00	
30	SWAIN TIE BRYSON CITY NC	TRANS	161.0	0 66.00	
31	SWAIN TIE BRYSON CITY NC	TRANS	170.0	0 66.00	
32	SWAIN TIE BRYSON CITY NC	TRANS	69.0	0 13.00	
33	SWAIN TIE BRYSON CITY NC	TRANS	69.0	0 13.00	
34	SWEETWATER RET HICKORY NC	DIST	100.0	0 13.00	
35	SWEETWATER RET HICKORY NC	DIST	100.0	0 13.00	
36	SWEPSONVILLE TIE SWEPSONVILLE NC	TRANS	100.0	0 44.00	
	SWEPSONVILLE TIE SWEPSONVILLE NC	TRANS	100.0		
	SWEPSONVILLE TIE SWEPSONVILLE NC	TRANS	44.0		
	SWEPSONVILLE TIE SWEPSONVILLE NC	TRANS	44.0		
	SWEPSONVILLE TIE SWEPSONVILLE NC	TRANS	24.0		
		<u> </u>			

	e of Respondent	This F   (1)	Report Is:	riginal	Date of Re (Mo, Da, Y	port r)	Year/Period of	
Duke	Energy Carolinas, LLC	(2)		submission	04/12/2018		End of 20	017/Q4
			s	SUBSTATIONS		<del>'</del>		
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 ded or unattended. At the end of the page, s nn (f).	street Va excubstation of eac	railway cept thos ons mus ch substa	customer should not se serving customers t 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	Name and Location of Substation			Character of Sub	otation	V	OLTAGE (In MV	/a)
No.	Name and Location of Substation (a)			(b)	station	Primary (c)	Secondary (d)	Tertiary (e)
1	TABERNACLE CHURCH RET GREENSBORO	NC		DIST		44.00	` '	
2	TABLE ROCK TIE MORGANTON NC			TRANS		100.00	44.00	33.00
3	TABLE ROCK TIE MORGANTON NC			TRANS		100.00	44.00	
4	TABLE ROCK TIE MORGANTON NC			TRANS		100.00	44.00	33.00
5	TABLE ROCK TIE MORGANTON NC			TRANS		44.00		
6	TABLE ROCK TIE MORGANTON NC			TRANS		24.00	0.20	
7	TANNER RET RUTHERFORDTON NC			DIST		100.00	6.90	2.40
8	TANNER RET RUTHERFORDTON NC			DIST		100.00	6.90	2.40
9	TANNER RET RUTHERFORDTON NC			DIST		100.00	6.90	2.40
10	TANNER RET RUTHERFORDTON NC			DIST		100.00	6.90	2.40
11	TARRANT RD RET GREENSBORO NC			DIST		100.00	24.00	
12	TARRANT RD RET GREENSBORO NC			DIST		100.00	24.00	
13	TAYLORSVILLE TIE TAYLORSVILLE NC			TRANS		100.00	44.00	
14	TAYLORSVILLE TIE TAYLORSVILLE NC			TRANS		100.00	44.00	
15	TAYLORSVILLE TIE TAYLORSVILLE NC			TRANS		100.00	13.00	6.90
16	TAYLORSVILLE TIE TAYLORSVILLE NC			TRANS		100.00	13.00	6.90
17	TAYLORSVILLE TIE TAYLORSVILLE NC			TRANS		100.00	13.00	6.90
18	TAYLORSVILLE TIE TAYLORSVILLE NC			TRANS		24.00	0.20	
19	TAYLORSVILLE TIE TAYLORSVILLE NC			TRANS		100.00	13.00	6.90
20	TECHNOLOGY RET CHARLOTTE NC			DIST		100.00	24.00	
21	TECHNOLOGY RET CHARLOTTE NC			DIST		100.00	24.00	
22	TEGA CAY RET FORT MILL SC			DIST		100.00	24.00	
23	TEGA CAY RET FORT MILL SC			DIST		100.00	24.00	13.00
24	TENNESSEE CREEK HYDRO TUCKASEGEE	NC		TRANS		66.00	4.10	
25	THIRD AVE RET HICKORY NC			DIST		100.00	13.00	
26	THIRD AVE RET HICKORY NC			DIST		100.00	13.00	
27	THOMASVILLE MN THOMASVILLE NC			DIST		100.00	6.90	2.40
28	THOMASVILLE MN THOMASVILLE NC			DIST		100.00	6.90	2.40
29	THOMASVILLE MN THOMASVILLE NC			DIST		100.00	6.90	2.40
30	THOMASVILLE MN THOMASVILLE NC			DIST		100.00	6.90	2.40
31	THOMASVILLE MN THOMASVILLE NC			DIST		100.00	6.90	2.40
32	THOMASVILLE MN THOMASVILLE NC			DIST		100.00	6.90	2.40
33	THOMASVILLE MN THOMASVILLE NC			DIST		100.00	6.90	2.40
34	THOMASVILLE MN THOMASVILLE NC			DIST		100.00	6.90	2.40
35	THORPE HYDRO TUCKASEGEE NC			TRANS		161.00	6.90	
36	THORPE HYDRO TUCKASEGEE NC			TRANS		161.00	6.90	
37	THORPE HYDRO TUCKASEGEE NC			TRANS		161.00	6.90	
38	THORPE HYDRO TUCKASEGEE NC			TRANS		161.00	6.90	
39	THORPE HYDRO TUCKASEGEE NC			TRANS		161.00	66.00	
40	THORPE HYDRO TUCKASEGEE NC			TRANS		161.00	66.00	
							· —	

	e of Respondent	This Report I	s: Original	Date of Repo (Mo, Da, Yr)	ort	Year/Period of	FReport 017/Q4
Duke	e Energy Carolinas, LLC		esubmission	04/12/2018		End of 20	<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 the obstations 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 nether transmiss	<i>r.</i> r resale, ma sion 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)
1			TRANS		66.00		
-	THORPE HYDRO TUCKASEGEE NC		TRANS		66.00	-	
3	THORPE HYDRO TUCKASEGEE NC		TRANS		66.00		
4	THORPE HYDRO TUCKASEGEE NC		TRANS		66.00		
	THORPE HYDRO TUCKASEGEE NC		TRANS		6.90		
-	THRIFT RET CHARLOTTE NC		DIST		100.00		
7	THRIFT RET CHARLOTTE NC		DIST		100.00		44.00
	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 TRANS		44.00		
	TIGER TIE DUNCAN SC		TRANS				
	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
	TOXAWAY TIE ANDERSON SC		TRANS		100.00		24.00
	TOXAWAY TIE ANDERSON SC		TRANS		100.00		
	TOXAWAY TIE ANDERSON SC		TRANS		100.00		
	TOXAWAY TIE ANDERSON SC		TRANS		100.00		
	TOXAWAY TIE ANDERSON SC		TRANS		44.00		
	TOXAWAY TIE ANDERSON SC		TRANS		44.00		
	TOXAWAY TIE ANDERSON SC		TRANS		44.00		
33	TOXAWAY TIE ANDERSON SC		TRANS		44.00	2.40	
34	TRADESVILLE RET TRADESVILLE SC		DIST		44.00	6.90	
	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

	e of Respondent	This     (1)	Report Is	s: Original	Date of Repo (Mo, Da, Yr)	rt	Year/Period of	Report 17/Q4
Duke	e Energy Carolinas, LLC	(2)	A Re	esubmission	04/12/2018		End of 20	117/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 added or unattended. At the end of the page, smn (f).	street Va exc ubstati 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 mether transmiss	resale, may ion 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
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	2.7
	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
				DIST		44.00	6.90	2.4
19	TRIBBLE ST RET ANDERSON SC			DIST		44.00	6.90	2.4
20	TRINITY RIDGE RET LAURENS SC			DIST		44.00	13.00	6.9
	TRINITY RIDGE RET LAURENS SC			DIST		44.00	13.00	6.9
22	TRINITY RIDGE RET LAURENS SC			DIST		44.00	13.00	6.9
23	TRINITY RIDGE RET LAURENS SC			DIST		44.00	13.00	6.9
24	TRINITY RIDGE RET LAURENS SC			DIST		44.00	6.90	2.4
25	TRINITY RIDGE RET LAURENS SC			DIST		44.00	6.90	2.4
26	TRINITY RIDGE RET LAURENS SC			DIST		44.00	6.90	2.4
27	TRINITY RIDGE RET LAURENS SC			DIST		44.00	6.90	2.4
28	TRINITY RIDGE RET LAURENS SC			DIST		44.00	13.00	
29	TRIPLETT RET MOORESVILLE NC			DIST		100.00	13.00	
30	TRIPLETT RET MOORESVILLE NC			DIST		100.00	13.00	6.9
31	TROLLINGWOOD RET HAW RIVER NC			DIST		100.00	24.00	
32	TROLLINGWOOD RET HAW RIVER NC			DIST		100.00	24.00	
33	TROUTMAN RET TROUTMAN NC			DIST		44.00	6.90	2.4
34	TROUTMAN RET TROUTMAN NC			DIST		44.00	6.90	2.4
35	TROUTMAN RET TROUTMAN NC			DIST		44.00	6.90	2.4
36	TROUTMAN RET TROUTMAN NC			DIST		44.00	6.90	2.4
37	TROUTMAN RET TROUTMAN NC			DIST		44.00	13.00	6.9
38	TROUTMAN RET TROUTMAN NC			DIST		44.00	13.00	6.9
39	TROUTMAN RET TROUTMAN NC			DIST		44.00	13.00	6.9
40	TRYON RET TRYON NC			DIST		44.00	6.90	2.4

	e of Respondent	This (1)	Report I		Date of Report (Mo, Da, Yr)		Year/Period of	Report 17/Q4
Duke	e Energy Carolinas, LLC	(2)	☐A R	esubmission	04/12/2018		End of 20	17/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 mu ch subs	y customer should not ose serving customers ist be shown. tation, designating wh	t be listed below. s with energy for r nether transmission	esale, may	bution and whe	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)
	TRYON RET TRYON NC			DIST		44.00	6.90	2.4
	TRYON RET TRYON NC			DIST		44.00	6.90	2.4
3	TRYON RET TRYON NC			DIST		44.00	6.90	2.4
4	TRYON RET TRYON NC			DIST		44.00	13.00	
	TUCKASEGEE TIE TUCKASEGEE NC			TRANS		230.00	161.00	13.0
	TUCKASEGEE TIE TUCKASEGEE NC			TRANS		230.00	161.00	13.0
	TUCKASEGEE TIE TUCKASEGEE NC			TRANS		13.00	0.40	
	TUCKASEGEE TIE TUCKASEGEE NC			TRANS		13.00	0.40	
	TUCKERS CREEK RET BREVARD NC			DIST		44.00	13.00	
	TUCKERS CREEK RET BREVARD NC			DIST		44.00	13.00	
	TURNER SHOALS SW STA MILL SPRINGS NO			TRANS		44.00	2.40	0.6
ļ	TURNER SHOALS SW STA MILL SPRINGS NO			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 NO			TRANS		44.00		
	TURNER SHOALS SW STA MILL SPRINGS NO			TRANS		2.40		
	TURNER SHOALS SW STA MILL SPRINGS NO			TRANS		2.40		
	TURNER SHOALS SW STA MILL SPRINGS NO	<u> </u>		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	6.90	
	TURNERSBURG RET TURNERSBURG NC			DIST		44.00		6.9
	TYSINGER RD RET MIDWAY NC			DIST		100.00	13.00	
	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		
	UNC-CH DEL 2 SOUTH CHAPEL HILL NC			DIST		100.00	13.00	
	UNIFI MADISON T&D MADISON NC			DIST		100.00	24.00	
	UNIFI YADKINVILLE T&D STA 1 YADKINVILLE			DIST		100.00		
	UNIFI YADKINVILLE T&D STA 1 YADKINVILLE			DIST		100.00		
	UNIFI YADKINVILLE T&D STA 2 YADKINVILLE			DIST		100.00	24.00	
	UNIFI YADKINVILLE T&D STA 2 YADKINVILLE			DIST		100.00		
	UNIV OF N C CHARLOTTE STA 2 CHARLOTTE	E NC		DIST		100.00		
	UPWARD RD RET HENDERSONVILLE NC			DIST		100.00		
	UPWARD RD RET HENDERSONVILLE NC URQUHART STEAM STA AUGUSTA GA			DIST TRANS		100.00	13.00	
	VALDESE RET VALDESE NC			DIST		100.00 44.00	13.00 2.40	0.6
				DIST				0.6
	VALDESE RET VALDESE NC			DIST		44.00	2.40	
	VALDESE RET VALDESE NC VALDESE RET VALDESE NC			DIST		44.00 44.00		0.6
40	WEDEDE NET VALUEDE NO			5.01		77.00	13.00	

	e of Respondent	This Report is:   (1)	(Mo, Da, Yr)	Year/Period of	
Duke	e Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of 20	017/Q4
		SUBSTATIONS			
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 characteruded 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.	ribution and wh	ether
oolal	(1).				
Line				/OLTAGE (In M\	/a)
No.	Name and Location of Substation	Character of Sub	station Primary	Secondary	Tertiary
	(a)	(b)	(c)	(d)	(e)
	VALDESE RET VALDESE NC	DIST	44.0		
		TRANS	100.0	ļ	
		TRANS	100.0		
4	VALDESE TIE VALDESE NC	TRANS	100.0		
	VALDESE TIE VALDESE NC	TRANS	100.0		
		TRANS	100.0		
	VALMEAD RET LENOIR NC	DIST	44.0		6.90
	VALMEAD RET LENOIR NC	DIST	44.0		6.90
9	VALMEAD RET LENGIR NO	DIST	44.0		6.90
	VALMEAD RET LENGIR NO	DIST	44.0		6.90
	VALMEAD RET LENOIR NC	DIST	44.0		0.00
	VAN WYCK RET VAN WYCK SC VAN WYCK RET VAN WYCK SC	DIST	44.0		6.90 6.90
		DIST	44.0		6.90
	VAN WYCK RET VAN WYCK SC	DIST	44.0		6.90
	VAN WYCK RET VAN WYCK SC	DIST	44.0		0.90
		DIST	44.0		
		DIST	44.0		
		DIST	44.0		
	VAN WYCK RET VAN WYCK SC	DIST	44.0		2.40
	VAN WYCK RET VAN WYCK SC	DIST	44.0		2.40
	VAN WYCK RET VAN WYCK SC	DIST	44.0		2.40
	VAN WYCK TIE VAN WYCK SC	DIST	100.0		
	VAN WYCK TIE VAN WYCK SC	DIST	100.0		
	VAN WYCK TIE VAN WYCK SC	DIST	24.0		
26	VANDALIA RET GREENSBORO NC	DIST	100.0	24.00	
27	VANDALIA RET GREENSBORO NC	DIST	100.0	24.00	
28	VANDALIA RET GREENSBORO NC	DIST	100.0	24.00	
29	VANDALIA RET GREENSBORO NC	DIST	24.0	6.90	2.40
30	VANDALIA RET GREENSBORO NC	DIST	24.0	6.90	2.40
31	VANDALIA RET GREENSBORO NC	DIST	24.0	6.90	2.40
32	VANDALIA RET GREENSBORO NC	DIST	24.0	6.90	2.40
33	VERDAE RET GREENVILLE SC	DIST	100.0	24.00	
34	VERDAE RET GREENVILLE SC	DIST	100.0	0 13.00	
35	VICTOR HILL SPARTANBURG SC	DIST	100.0	13.00	
36	VICTOR HILL SPARTANBURG SC	DIST	100.0	13.00	
37	VICTOR HILL SPARTANBURG SC	DIST	100.0	24.00	
38	W FRANKLIN RET FRANKLIN NC	DIST	66.0		
39	W FRANKLIN RET FRANKLIN NC	DIST	66.0	13.00	
40	W GASTONIA RET GASTONIA NC	DIST	100.0	13.00	
	<u> </u>	L			

	e of Respondent	This (1)	Report Is		Date of Report (Mo, Da, Yr)		Year/Period of	Report 017/Q4
Duke	e Energy Carolinas, LLC	(2)	A R	esubmission	04/12/2018		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 ubstati of eac	railway cept tho ons mu ch subs	y customer should not use serving customers st be shown. tation, designating wh	t be listed below.  s with energy for resalenether transmission or	e, ma distri	bution and whe	ether
Line						V	OLTAGE (In MV	/a)
No.	Name and Location of Substation			Character of Sub	estation Prima	iry	Secondary	Tertiary
	(a)			(b)	(c)		(d)	(e)
	W GASTONIA RET GASTONIA NC			DIST	1	00.00	13.00	
	W HICKORY RET HICKORY NC			DIST		44.00		
	W HICKORY RET HICKORY NC			DIST		44.00		
	W HICKORY RET HICKORY NC			DIST		44.00		
	W HICKORY RET HICKORY NC			DIST		44.00		
	W NORWOOD RET NORWOOD NC			DIST		24.00		2.4
	W NORWOOD RET NORWOOD NC			DIST		24.00		2.4
	W NORWOOD RET NORWOOD NC			DIST		24.00		2.4
	W NORWOOD RET NORWOOD NC			DIST		24.00		2.4
	W NORWOOD RET NORWOOD NC			DIST		00.00		
	W NORWOOD RET NORWOOD NC			DIST		00.00		
	W SPARTANBURG TIE SPARTANBURG SC			TRANS		00.00		
	W SPARTANBURG TIE SPARTANBURG SC			TRANS		00.00		
	W SPARTANBURG TIE SPARTANBURG SC			TRANS		00.00	-	
	W SPARTANBURG TIE SPARTANBURG SC			TRANS		00.00		
	WADDELL RD RET GREENVILLE SC			DIST		00.00		
	WADDELL RD RET GREENVILLE SC			DIST		00.00		
	WADSWORTH RET SPARTANBURG SC			DIST		00.00		
	WADSWORTH RET SPARTANBURG SC			DIST		00.00		
	WALDEN RET SPARTANBURG SC			DIST		00.00	+	
	WALHALLA TIE WALHALLA SC			TRANS		00.00		
	WALHALLA TIE WALHALLA SC			TRANS		00.00		
	WALHALLA TIE WALHALLA SC			TRANS		00.00		
	WALHALLA TIE WALHALLA SC			TRANS		44.00		
	WALKER TIE HARMONY SC			TRANS		00.00		
	WALKER TIE HARMONY SC			TRANS		00.00		
	WALKER TIE HARMONY SC			TRANS		24.00	ļ	
	WALKER TIE HARMONY SC			TRANS		24.00	<b> </b>	
	WALKERTOWN RET WALKERTOWN NC			DIST		00.00		
	WALKERTOWN RET WALKERTOWN NC			DIST		00.00		
	WALLACE RD RET MIDLAND NC			DIST		00.00		
	WALNUT COVE TIE WALNUT COVE NO			TRANS		00.00		
	WALNUT COVE TIE WALNUT COVE NO			TRANS		00.00		10.0
	WALNUT COVE TIE WALNUT COVE NO			TRANS		44.00		13.0
	WALNUT COVE TIE WALNUT COVE NO			TRANS		44.00		13.0
	WALNUT COVE TIE WALNUT COVE NC WALNUT COVE TIE WALNUT COVE NC			TRANS		44.00		6.9
				TRANS		44.00		6.9
	WALNUT COVE TIE WALNUT COVE NC WALNUT COVE TIE WALNUT COVE NC			TRANS		44.00	-	
	WALNUT COVE TIE WALNUT COVE NC			TRANS TRANS		44.00 44.00	-	13.0
40	WALNUT GOVE THE WALNUT GOVE INC			IIVANO		<del></del> .∪∪	13.00	0.8

Name	e of Respondent	1 nis Report is: (1) XAn Original	(Mo, Da, Yr)	Year/Period of	•
Duke	e Energy Carolinas, LLC	(2) A Resubmission	04/12/2018	End of 20	017/Q4
		SUBSTATIONS			
2. S 3. S to fu 4. Ir atter	deport below the information called for concertubstations which serve only one industrial or ubstations with capacities of Less than 10 MN inctional character, but the number of such subdicate in column (b) the functional character inded or unattended. At the end of the page, somn (f).	street railway customer should no /a except those serving customers bstations must be shown. of each substation, designating who will be shown.	t be listed below. s with energy for resale, ma hether transmission or disti	ribution 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	WALNUT COVE TIE WALNUT COVE NC	TRANS	24.00	· ' '	(-)
2	WARE PLACE RET PELZER SC	DIST	44.00	6.90	
3	WARE PLACE RET PELZER SC	DIST	44.00	6.90	
4	WARE PLACE RET PELZER SC	DIST	44.00		
5	WARE PLACE RET PELZER SC	DIST	44.00		2.40
	WARE PLACE RET PELZER SC	DIST	44.00		
	WARE PLACE RET PELZER SC	DIST	44.00		2.40
	WARE PLACE RET PELZER SC	DIST	44.00		2.40
9	WASHBURN RET BOSTIC NC	DIST	44.00		4.10
10	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		4.10
	WASHBURN RET BOSTIC NC	DIST	44.00	<b>.</b>	
	WATEREE HYDRO LUGOFF SC	TRANS	100.00	6.90	
	WATEREE HYDRO LUGOFF SC	TRANS	100.00	6.90	
16	WATEREE HYDRO LUGOFF SC	TRANS	100.00	6.90	
17	WATEREE HYDRO LUGOFF SC	TRANS	100.00	6.90	
18	WATEREE HYDRO LUGOFF SC	TRANS	100.00	6.90	
19	WATEREE HYDRO LUGOFF SC	TRANS	6.9	0.60	
20	WATEREE HYDRO LUGOFF SC	TRANS	6.9	0.60	
21	WATEREE HYDRO LUGOFF SC	TRANS	6.9	0.60	
22	WATERTOWER RET KANNAPOLIS NC	DIST	13.00	2.40	0.60
23	WATERTOWER RET KANNAPOLIS NC	DIST	13.00	2.40	0.60
24	WATERTOWER RET KANNAPOLIS NC	DIST	13.0	2.40	0.60
25	WATERTOWER RET KANNAPOLIS NC	DIST	44.0	0 13.00	
26	WATERTOWER RET KANNAPOLIS NC	DIST	13.00	2.40	
27	WATERTOWER RET KANNAPOLIS NC	DIST	44.00	13.00	
28	WAYNICK RD RET REIDSVILLE NC	DIST	100.00	13.00	
29	WEAVER RET DURHAM NC	DIST	100.00	24.00	
30	WEBBS CHAPEL RET DENVER NC	DIST	44.00	13.00	
31	WEBBS CHAPEL RET DENVER NC	DIST	44.00	13.00	
32	WEBSTER TIE WEBSTER NC	TRANS	161.00	66.00	
33	WEBSTER TIE WEBSTER NC	TRANS	161.0	66.00	
34	WEBSTER TIE WEBSTER NC	TRANS	66.00	13.00	
35	WEBSTER TIE WEBSTER NC	TRANS	66.0	13.00	
36	WEBSTER TIE WEBSTER NC	TRANS	66.0	13.00	
37	WENTWORTH RET WENTWORTH NC	DIST	100.00	13.00	
38	WENTWORTH RET WENTWORTH NC	DIST	100.00	13.00	
39	WESTMINSTER MN WESTMINSTER SC	DIST	100.00	0 44.00	
40	WESTMINSTER MN WESTMINSTER SC	DIST	100.00	0 44.00	

Nam	e of Respondent	This Rep   (1)     ▼	Oπ is: An Original	(Mo, Da, Yr)		Year/Period of Report	
Duke	e Energy Carolinas, LLC	LLC (1) X An Original (Mo, Da, Yr) End of 2017/Q2  (2) A Resubmission 04/12/2018		)1//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 rail Va except bstations of each s	way customer should no those serving customer must be shown. ubstation, designating w	It be listed below.  Is with energy for resa  The ther transmission of	le, ma	bution and wh	ether
COlui	iii (i <i>)</i> .						
Line					V	OLTAGE (In MV	'a)
No.	Name and Location of Substation		Character of Sul	ostation Prim		Secondary	Tertiary
	(a)		(b)	(0	. *	(d)	(e)
1	WESTMINSTER MN WESTMINSTER SC		DIST	,	100.00	44.00	,
2	WESTMINSTER MN WESTMINSTER SC		DIST		44.00	6.90	2.40
3	WESTMINSTER MN WESTMINSTER SC		DIST		44.00	6.90	2.40
4	WESTMINSTER MN WESTMINSTER SC		DIST		44.00	6.90	2.40
5	WESTMINSTER MN WESTMINSTER SC		DIST		44.00	6.90	2.40
6	WHITE CROSS RET WHITE CROSS NC		DIST		44.00	13.00	
7	WHITE PLAINS RET MT AIRY NC		DIST		100.00	13.00	
8	WHITEHALL RET ANDERSON SC		DIST		100.00	13.00	
9	WHITEHALL RET ANDERSON SC		DIST		100.00	13.00	
10	WHITMIRE RET WHITMIRE SC		DIST		100.00	6.90	2.40
11	WHITMIRE RET WHITMIRE SC		DIST		100.00	6.90	2.40
12	WHITMIRE RET WHITMIRE SC		DIST		100.00	6.90	2.40
13	WHITMIRE RET WHITMIRE SC		DIST		100.00	6.90	2.40
14	WHITSETT RET BURLINGTON NC		DIST		100.00	24.00	
15	WHITSETT RET BURLINGTON NC		DIST		100.00	24.00	
16	WILDCAT TIE CORNELIUS NC		TRANS		100.00	44.00	
17	WILDCAT TIE CORNELIUS NC		TRANS		100.00	44.00	
18	WILDCAT TIE CORNELIUS NC		TRANS		100.00	44.00	
19	WILGROVE RET CHARLOTTE NC		DIST		100.00	24.00	
20	WILGROVE RET CHARLOTTE NC		DIST		100.00	24.00	
21	WILKES TIE NORTH WILKESBORO NC		TRANS		100.00	44.00	
22	WILKES TIE NORTH WILKESBORO NC		TRANS		100.00	44.00	
23	WILKES TIE NORTH WILKESBORO NC		TRANS		24.00	0.20	
24	WILLARD RD RET WINSTON-SALEM NC		DIST		100.00	24.00	
25	WILLIAMSBURG RET REIDSVILLE NC		DIST		100.00	13.00	
26	WILLIAMSBURG TIE WILLIAMSBURG NC		TRANS		100.00	24.00	
27	WILLIAMSBURG TIE WILLIAMSBURG NC		TRANS		100.00	24.00	
28	WILLIAMSBURG TIE WILLIAMSBURG NC		TRANS		100.00	24.00	
29	WILLIAMSBURG TIE WILLIAMSBURG NC		TRANS		100.00	24.00	
30	WILLIAMSTON RET WILLIAMSTON SC		DIST		44.00	6.90	2.40
31	WILLIAMSTON RET WILLIAMSTON SC		DIST		44.00	6.90	2.40
32	WILLIAMSTON RET WILLIAMSTON SC		DIST		44.00	6.90	2.40
33	WILLIAMSTON RET WILLIAMSTON SC		DIST		44.00	6.90	2.40
34	WILLIAMSTON RET WILLIAMSTON SC		DIST		44.00	6.90	2.40
35	WILLIAMSTON RET WILLIAMSTON SC		DIST		44.00	6.90	2.40
36	WILLIAMSTON RET WILLIAMSTON SC		DIST		44.00	6.90	2.40
37	WILLIAMSTON RET WILLIAMSTON SC		DIST		44.00	6.90	2.40
38	WILLOW CREEK RET HIGH POINT NC		DIST		100.00	13.00	
39	WILLOW CREEK RET HIGH POINT NC		DIST		100.00	13.00	
40	WINECOFF RET CONCORD NC		DIST		44.00	13.00	

	·   (1)   Y An Original   (Mo Da Yr)	Year/Period of	Report 017/Q4					
Duke	e Energy Carolinas, LLC	(2)	A Re	esubmission	04/12/2018		End of 20	<u> </u>
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 exc obstation of eac	railway cept tho ons mu ch subsi	customer should not se serving customers st be shown. tation, designating wh	be listed below with energy factories the second mether transmi	ow. for resale, ma ssion or distri	bution and whe	ether
Line						V	OLTAGE (In MV	'a)
No.	Name and Location of Substation (a)			Character of Sub (b)	station	Primary (c)	Secondary (d)	Tertiary (e)
1	` '			TRANS		230.00	100.00	44.0
2	WINECOFF TIE CONCORD NC			TRANS		230.00	100.00	44.0
3	WINECOFF TIE CONCORD NC			TRANS		230.00	100.00	44.0
4	WINECOFF TIE CONCORD NC			TRANS		230.00	100.00	44.0
5	WINECOFF TIE CONCORD NC			TRANS		230.00	100.00	44.0
6	WINECOFF TIE CONCORD NC			TRANS		44.00	0.40	
7	WINECOFF TIE CONCORD NC			TRANS		44.00		
8	WINECOFF TIE CONCORD NC			TRANS		230.00	100.00	44.0
9	WINECOFF TIE CONCORD NC			TRANS		44.00		
10	WINSTON TIE WINSTON-SALEM NC			TRANS		100.00	13.00	
11	WINTHROP UNIV DEL 3 ROCK HILL SC			DIST		24.00	13.00	
12	WITHERS RET CHARLOTTE NC			DIST		100.00	24.00	
13	WITHERS RET CHARLOTTE NC			DIST		100.00	24.00	
14	WOODLAWN TIE CHARLOTTE NC			TRANS		100.00	13.00	
15	WOODLAWN TIE CHARLOTTE NC			TRANS		100.00	13.00	
16	WOODLAWN TIE CHARLOTTE NC			TRANS		100.00	13.00	
17	WOODLAWN TIE CHARLOTTE NC			TRANS		230.00	100.00	44.0
18	WOODLAWN TIE CHARLOTTE NC			TRANS		230.00	100.00	44.0
19	WOODLAWN TIE CHARLOTTE NC			TRANS		230.00	100.00	44.0
20	WOODLAWN TIE CHARLOTTE NC			TRANS		44.00	0.40	
21	WOODLAWN TIE CHARLOTTE NC			TRANS		44.00		
22	WOODLAWN TIE CHARLOTTE NC			TRANS		44.00		
23	WOODRUFF RET WOODRUFF SC			DIST		44.00	13.00	
24	WOODRUFF RET WOODRUFF SC			DIST		44.00	13.00	
25	WOODRUFF TIE WOODRUFF SC			TRANS		100.00	44.00	
26	WOODRUFF TIE WOODRUFF SC			TRANS		100.00	44.00	
27	WOODRUFF TIE WOODRUFF SC			TRANS		100.00	44.00	
28	WOODRUFF TIE WOODRUFF SC			TRANS		24.00	0.20	
29	WRENN RET PIEDMONT SC			DIST		100.00	13.00	
30	WRENN RET PIEDMONT SC			DIST		100.00	13.00	
31	WYLIE HYDRO PL FORT MILL SC			TRANS		44.00	6.90	
32	WYLIE HYDRO PL FORT MILL SC			TRANS		44.00	6.90	
33	WYLIE HYDRO PL FORT MILL SC			TRANS		44.00	6.90	
34	WYLIE HYDRO PL FORT MILL SC			TRANS		44.00	6.90	
35	WYLIE SW STA FORT MILL SC			TRANS		100.00	44.00	
36	WYLIE SW STA FORT MILL SC			TRANS		100.00	44.00	
37	WYNDWARD POINT RET NEWRY SC			DIST		100.00	24.00	
38	WYNDWARD POINT RET NEWRY SC			DIST		100.00	24.00	
39	YADKINVILLE RET YADKINVILLE NC			DIST		100.00	6.90	2.4
40	YADKINVILLE RET YADKINVILLE NC			DIST		100.00	6.90	2.4

Name	e of Respondent	This F	Report Is:   X An Original	Date of Report (Mo, Da, Yr)	Year/Period	•						
Duke	Energy Carolinas, LLC	(2)	An Onginal  A Resubmission	04/12/2018	End of	2017/Q4						
		(-)	SUBSTATIONS									
2. S 3. S o fui I. In	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 inctional 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 inded or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in mn (f).											
ine	Name and Legation of Substation		Character of Sub	pototion	VOLTAGE (In	MVa)						
No.	Name and Location of Substation		Character of Sub	Primary	-	1						
	(a)		(b)	(C)	(d)	(e)						
	YADKINVILLE RET YADKINVILLE NC		DIST		0.00 6.9							
	YADKINVILLE RET YADKINVILLE NC		DIST		0.00 6.9							
	YORK E C DEL 11 INDIA HOOK SC		DIST		13.0							
	YORK E C DEL 11 INDIA HOOK SC		DIST		13.0							
	YORK E C DEL 6 TIRZAH SC		DIST		13.0							
	YORK E C DEL 6 TIRZAH SC		DIST		13.0							
	YORK E C DEL 9 HANCOCK SC		DIST		13.0							
	YORK RET YORK SC		DIST		).00 13.0							
9	YORK RET YORK SC		DIST	100	).00 13.0	00						
10	YORK RET YORK SC		DIST	13	3.00 2.4	0.60						
11	YORK RET YORK SC		DIST	13	3.00 2.4	0.60						
12	YORK RET YORK SC		DIST	13	3.00 2.4	0.60						
13	YORK RET YORK SC		DIST	100	0.00 24.0	13.00						
14	ZF TRANSMISSIONS GVILLE LLC GRAY COUL	RT SC	TRANS	100	).00 13.0	00						
15	ZION CHURCH RD RET HICKORY NC		DIST	100	).00 13.0	6.90						
16												
17	23 STATIONS UNDER 10 MVA CAPACITY		TRANS									
18	FERC SUBCODE = T OR D											
19	213 STATIONS UNDER 10 MVA CAPACITY		DIST									
20	FERC SUBCODE = T OR D											
21	177 STATIONS 10 OR GREATER MVA CAPAC	ITY	TRANS	121969	9.50 34577.8	6299.90						
22	FERC SUBCODE = T OR D											
23	578 STATIONS 10 OR GREATER MVA CAPACI	TY	DIST	115326	3.00 20264.2	2343.30						
24	FERC SUBCODE = T OR											
25												
26	NC STATIONS FOR INDUSTRIAL CUSTOMERS	3	INDUSTRIAL									
27	SC STATIONS FOR INDUSTRIAL CUSTOMERS	}	INDUSTRIAL									
28												
29												
30												
31												
32												
33												
34						+						
35						+						
36						+						
37						+						
38						+						
39						+						
40						+						
-10												
				+	•	-						

1	Name of Respondent		This F	Report Is	S: Original	Date of Re	port		ar/Period of Repor	
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, initity 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 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 leason, 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 leason, date and period of co-owner or other party, veshibation of the party, veshibation of the party veshibation of the par	Duke Energy Carolinas, LL	Duke Energy Carolinas, LLC			esubmission	(Mo, Da, Y 04/12/2018		End of		
Increasing capacity.	5. Show in columns (I)	(i) and (k) special or	uinmont cu		, ,	tifiore condor	eore oto o	and au	viliany oquinmon	
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 shaming 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 (n Miva)   Number of Transformers (g)   Number of Transformers (n)   Number of University (n)   Number of Transformers (n)   Number of Transfor	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 oth	nerwise 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.         Animal company.										
Affected in respondent's books of account.   Specify in each case whether lessor, co-owner, or other party is an associated company.										
Number of Transformers in Service (In MVa) (In										
Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Transfo	affected in respondent's	books of account. S	pecity in ea	ach cas	se whether lessor, co-	-owner, or oth	er party is a	n asso	ociated company	1.
Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Transfo										
Type of Equipment   Number of Units   Interval   Number of Units   Interval   Number of Units   Interval   Number of Units   Number of U	Capacity of Substation				CONVERSI	ON APPARATU	IS AND SPE	CIAL E	QUIPMENT	Line
(f) (g) (h) (h) (l) (l) (k) (k) (l) (l) (l) (l) (l) (l) (l) (l) (l) (l	(In Service) (In MVa)				Type of Equip	pment	Number of	Units	Total Capacity (In MVa)	No.
1		(g)	(h)		(i)		(j)			<u> </u>
12 1 1		1								<del> </del>
1		1								<del>                                     </del>
3 1 1	12	1								<del>  `</del>
3 1 1	2	1		1						ļ ,
3 1 1		1								1
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20		1								1 8
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1		1								10
20 1 1	-	1				AUX				1
1	20	1								12
12 1		1								1:
10	12	1								14
10 1 1	12	1								1:
10 1 1	10			1						16
10 1 2 2 2 1 1 1 2 2 2 2 1 1 1 1 2 2 2 1	10	1								17
10	10	1								18
10		1								19
10	10	1								
185       1       STU       2         185       1       STU       2         185       1       STU       2         300       1       STU       3         336       1       STU       3         307       1       STU       3         308       1       STU       3         309       1       STU       3         300		1								
185		1								
185		•								
300		•								
300 1 STU 2 300 1 STU 2 300 1 STU 2 300 1 STU 2 300 1 STU 3 301 3 STU 3 301 3 STU 3 302 3 STU 3 303 3 STU 3 304 3 STU 3 305 3 STU 3 306 3 STU 3 307 3 STU 3 308 3 STU 3 309 3						810				
STU   STU		•				QTI I				
300 1 STU 2 336 3 1 STU 3 50 1 STU 3 50 1 STU 3 50 1 STU 3 50 1 STU 3 50 3 50 1 STU 3 50 3 50 3 50 3 50 3 50 3 50 3 50 3 50		•								
336         1         STU         3           50         1         STU         3           200         1         3         3           448         1         3         3           448         1         3         3           448         1         3         3           448         1         3         4           1         1         4         4         5           1         1         4         5         5         6         3           3         3         4         4         5         6         3         3           448         1         4         5         6         6         6         6         6         6         6         6         6         6         3		•								29
50         1         STU         3           200         1         3           448         1         3           448         1         3           448         1         GND         1         500         3           1         1         GND         1         500         3           3         3         4         4         5         5         6         3           3         4         4         5         6         6         6         7         6         7           4         4         1         4         6         7         6         7           5         6         7         6         7         8         7         8         7         8         7         8         7         8         7         8         7         8		'		1		0.0				30
200         1         33           448         1         34           448         1         34           448         1         34           448         1         34           448         1         34           448         1         34           448         1         44           448         1         44           448         1         44           448         1         44           448         1         44           448         1         44           448         1         44           540         1         500           340         34           448         1         44           540         1         500           340         1         500           341         44         500         1           448         1         500         1           540         1         500         1           540         1         500         1           540         1         500         1           540         1         50		1		•		STU				3
448     1     3       45     1     3       448     1     500       30     3       448     1     6       448     1     6       448     1     6       448     1     500       34     3       448     1     6       448     1     6       448     1     6       500     1     500       34     3       448     1     6     1       500     3       500     3       600     1     9,156       34       35     3       600     1     9,156       34       600     1     9,156       35       600     1     9,156       600     1     9,156       70     1     1       70     1     1       80     1     1       9     1     1       9     1     1       10     1     1       10     1     1       10     1     1       10     1     1       10     1		1								32
448         1         GND         1         500         3           1         1         6ND         1         500         3           1         1         6ND         1         500         3           1         1         6ND         1         500         3           9         1         6ND         1         9,156         3	448	1								33
The state of the	45	1								34
1   1   GND   1   500   3   3   3   3   3   3   3   3   3	448	1								3
1 1 500 3 9 1 GND 1 9,156 3	1	1				GND		1	500	
9 1 9,156 <sup>3</sup>	1	1						1	500	
		1						1		
		1				GND		1	9,156	
	1	1								40
									<u> </u>	Ь

Name of Respondent		This     (1)	Report	ls: Original	Date of Re	r\	Year/Period of Repor	
Duke Energy Carolinas, LL	Duke Energy Carolinas, LLC			Original desubmission	(Mo, Da, Y 04/12/2018	3	End of2017/Q4	<u> </u>
5. Oh in a shuman (I)	(i) (la) ila-			STATIONS (Continued)	-4:£:			
5. Show in columns (I), (increasing capacity.	(j), and (k) special e	quipment s	uch as	rotary converters, re-	ctifiers, conder	nsers, etc. and	auxiliary equipmer	nt for
6. Designate substations	s or maior items of e	equipment I	eased	from others, jointly ov	vned with othe	rs. or operated	otherwise 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 ca	se whether lessor, co	o-owner, or oth	er party is an a	ssociated company	у.
Capacity of Substation	Number of	Numbe		CONVERS	ION APPARATU	JS AND SPECIAL	EQUIPMENT	Line
(In Service) (In MVa)	Transformers In Service	Spare Transforr		Type of Equ	ipment	Number of Uni	Total Capacity	No.
(f)	(g)	(h)		(i)		(j)	(In MVa) (k)	
336	(9)	(11)		(1)		U)	(K)	+
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2				1				29
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500	1				STU			3
320	1				STU			32
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10	1				STU			
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Name of Respondent		This R	eport Is	i: Ariginal	Date of Re	port		r/Period of Repor	
Duke Energy Carolinas, LL	.C	(2)		submission ATIONS (Continued)	(Mo, Da, Y 04/12/2018		End	l of2017/Q4	
F. Chavrin calumana (I)	(i) and (k) anasial a			, ,	tifiana aandan			viliam ( a muliama a m	
5. Show in columns (I), increasing capacity.	(j), and (k) special e	quipment su	cn as r	otary converters, rec	titiers, conder	isers, etc.	and au	xillary equipmer	it tor
6. Designate substation	s or major items of e	equinment le	ased fi	rom others iointly ow	ned with othe	rs or oner:	ated oth	nerwise than hy	
reason of sole ownership									
period of lease, and ann									
of co-owner or other par									
affected in respondent's									
ancoted in respondents	books of account.	speelly in ea	orr odo	e whether ledder, do	owner, or our	or party to t	arr dooc	olated company	•
Canacity of Substation	Number of	Number	of	CONVERSION	ON APPARATU	S AND SPE	CIAL F	QUIPMENT	Line
Capacity of Substation (In Service) (In MVa)	Transformers	Spare		Type of Equi		Number of		Total Capacity	No.
	In Service	Transform	ers		pillelit		i Ullis	(In MVa)	''
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Duke Energy Carolinas, LL	C	(1)	$1 \wedge 1 \sim$							
Duke Energy Carolinas, LLC				A Re	Original esubmission	(Mo, Da, Y 04/12/2018		End of		
5. Oh in (I)	(i)i				TATIONS (Continued)	4: <b>::</b> :				-1 6
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substation</li></ul>	s or major items of e	equipment l	ease	ed f	rom 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	ıbstation or	equ	ipm	ent operated other th	an by reason	of sole ow	nership	or lease, give n	name
of co-owner or other par affected in respondent's										
	Number of	Number	r of		2011/5701			-0.4.		T
Capacity of Substation (In Service) (In MVa)	Transformers In Service	Spare Transforn	е		Type of Equi	ON APPARATU	Number o		Total Capacity	Line No.
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760				1						39
20	1									40

Name of Respondent		This	Repo	ort Is	S: Original	Date of Re	port		r/Period of Repor	
Duke Energy Carolinas, LL	.C	(1)		A Re	Original esubmission	(Mo, Da, Y 04/12/2018		End of		
F. Chavein calcumns (I)	(i) and (k) anasial a				TATIONS (Continued)	tifiana aandan			viliam ( a muliama a m	
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substations</li></ul>					•					
reason of sole ownership										
period of lease, and ann										
of co-owner or other part										
affected in respondent's										
		-1			,	, , , , , , , ,	- 17 -		,	
Capacity of Substation	Number of	Numbe			CONVERSI	ON APPARATU	IS AND SPE	ECIAL E	QUIPMENT	Line
(In Service) (In MVa)	Transformers In Service	Spare Transforr			Type of Equi	pment	Number o	of Units	Total Capacity	No.
			11013						(In MVa)	
(f) 20	(g) 1	(h)			(i)		(j)		(k)	<del>                                     </del>
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Name of Respondent		This I   (1)	Repo	rt Is: .n Original	Date of Re (Mo, Da, Y	port		ar/Period of Repor	
Duke Energy Carolinas, LL	Duke Energy Carolinas, LLC			Resubmission	04/12/2018		End of		
5 01 : 1 (1)	(2)			BSTATIONS (Continued)					
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substation</li></ul>	s or major items of e	equipment I	ease	d from others, jointly ow	vned with othe	rs, or opera	ited 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	ach (	case whether lessor, co-	-owner, or oth	er party is a	an asso	ociated company	/.
One of Outstation	Number of	Numbe	r of	CONVERSI	ON APPARATU	IS AND SPE	CIAL F	OLUPMENT	T
Capacity of Substation (In Service) (In MVa)	Transformers	Spare	е	Type of Equi		Number of		Total Capacity	Line No.
	In Service	Transforr	ners		pilient		Units	(In MVa)	140.
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						<u> </u>		ļ	4

Capacity of Substation (In MVa)   10   1   1   1   1   1   1   1   1	Name of Respondent		This	Repo	ort Is	S: Original	Date of Re (Mo, Da, Y	port		ar/Period of Repor	
S. Show in columns (I), (I), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.  8. 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 nam of clesser, 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 clesser, date and occount of the 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)  Capacity of Substation (In MVa)  In Service (In MVa)  In	Duke Energy Carolinas, LL	.C			A Re	esubmission			Enc	of 2017/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 ported of lease, and annual rent. For any substation or equipment operated under lease, 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. Specify in each case whether lessor, co-owner, or other party is an associated occupanty of substation (in Service) (in Mive)  Capacity of Substation (in Service) (in Mive)  (in Service) (in Mive)  (in 10			<u> </u>			· ,	· 		·		
period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give and co-owner or other party, vestion 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 MVa)	increasing capacity. 6. Designate substations	s or major items of e	equipment l	ease	ed f	rom others, jointly ow	ned with othe	rs, or oper	ated oth	nerwise than by	
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 MVe)											
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)											
Capacity of Substation (in Service) (in MVa)											
Transformers   In Service   I	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	/-
Transformers   In Service   I											
Transformers   In Service   I		Number of	Numbe	r of		CONVEDSI	ON ADDADATI	IS VND SDE	ECIAL E	OLUDMENT	Т
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10				mers		1	pment		of Units	(In MVa)	INO.
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Name of Respondent		This Report	ls: Original	Date of Re (Mo, Da, Y	port	Year/Period of Repor		
Duke Energy Carolinas, LL	.C	(2) A	Resubmission	04/12/2018		End of2017/Q4		
F. Chavrin calumana (I)	(i) and (k) anasial a		STATIONS (Continued)	atifiana aandan		al accellant a scrippe a	-+ f	
5. Show in columns (I), increasing capacity.	(j), and (k) special e	quipment such a	s rotary converters, red	ctitiers, conder	isers, etc. an	id auxiliary equipmei	nt tor	
6. Designate substation	s or maior items of e	equinment leased	from others, jointly ov	vned with othe	rs or operate	ed otherwise than by		
reason of sole ownership								
period of lease, and ann								
of co-owner or other par								
affected in respondent's								
ancoted in respondents	books of account.	specify in edon of	add writerior leddor, do	owner, or our	or party to arr	accociated compan	<b>y</b> .	
Capacity of Substation	Number of	Number of	CONVERSI	ON APPARATI	IS AND SPECI	AL EQUIPMENT	Line	
(In Service) (In MVa)	Transformers	Spare	Type of Equi		Number of U		No.	
	In Service	Transformers		pinent		(In MVa)	'''	
(f)	(g)	(h)	(i)		(j)	(k)	ļ.,	
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							36	
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Name of Respondent		This I	Repo	ort Is	: riginal	Date of Re (Mo, Da, Y	port		ar/Period of Report	
Duke Energy Carolinas, LL	.C	(1)		A Re	submission	04/12/2018		End	d of2017/Q4	•
5. Oh in a sharen a (1)	/;\ /( -\				ATIONS (Continued)	4: <i>6</i> :				
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substations</li></ul>	s or major items of e	equipment I	ease	ed fr	om others, jointly ow	ned with othe	rs, or oper	ated otl	nerwise than by	
reason of sole ownership										
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of co-owner or other part										
affected in respondent's	DOOKS OF ACCOUNT.	specity in e	acn	cas	e wnetner lessor, co-	-owner, or oth	er party is	an asso	ociated company	/.
Capacity of Substation	Number of	Numbe			CONVERSION	ON APPARATU	IS AND SPE	ECIAL E	QUIPMENT	Line
(In Service) (In MVa)	Transformers In Service	Spare Transforr		ŀ	Type of Equip	oment	Number o	of Units	Total Capacity	No.
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2				1						2
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Name of Respondent		This F	Report Is	S: Original	Date of Re	port		ar/Period of Repor	
Duke Energy Carolinas, LL	.C	(1)	A Re	esubmission TATIONS (Continued)	(Mo, Da, Y 04/12/2018	3	End	d of2017/Q4	•
5 Show in columns (I)	(i) and (k) anasial o	auinment ei			tifioro condon	nooro oto	and au	vilian, aquinman	ot for
5. Show in columns (I), increasing capacity.				•					it for
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reason of sole ownership period of lease, and ann									
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Capacity of Substation	Number of	Number	of	CONVERSI	ON APPARATU	IS AND SPE	CIAL E	QUIPMENT	Line
(In Service) (In MVa)	Transformers	Spare		Type of Equi		Number of		Total Capacity	No.
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2006	Name of Respondent		This R	eport Is	S: Original	Date of Re (Mo, Da, Yi	port		ar/Period of Repor	
5. Show in columns (h), (b), 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 coson, 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 amount ad 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 MiVa)  (i) Number of Transformers (si)  (ii) Number of Transformers (si)  (iii) Number of Transformers (si)  (iv) Number of Transformers (si)  (iv) Number of Transformers (si)  (iv) Number of Units (in MiVa)	Duke Energy Carolinas, LL	.C	(2)	A Re	esubmission			End	of 2017/Q4	•
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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 no 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										
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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.   Capacity of Substation (in Service) (in M/va)   Transformers in Service (in Service) (in M/va)   Transformers in Service (in Service) (in M/va)   Transformers (in Service) (in M/va)   Transformers (in Service) (in M/va)   Transformers (in Service) (in M/va)   Transformers (in Service) (in M/va)   Transformers (in Service) (in M/va)   Transformers (in Service) (in M/va)   Transformers (in Service) (in M/va)   Transformers (in Service) (in M/va)   Transformers (in Service) (in M/va)   Transformers (in M/va										
Capacity of Substation (In Service) (In MVa)										
Transformers   Spare   Transformers   Spare   Transformers   Type of Equipment   Number of Units   Total Capacity   No.			, , , , , , , , , , , , , , , , , , ,		, , , , , , , , , , , , , , , , , , , ,					
Transformers   Spare   Transformers   Spare   Transformers   Type of Equipment   Number of Units   Total Capacity   No.										
Transformers   Spare   Transformers   Type of Equipment   Number of Units   Total Capacity (in MVa)   Number of Units   Total Capacity (in MVa)   Number of Units   Total Capacity (in MVa)   Number of Units	Canacity of Substation			of	CONVERSION	ON APPARATU	S AND SPE	CIAL E	QUIPMENT	Line
(b) (g) (h) (i) (i) (ii) (iii)										
1				ers				· Omio	(In MVa)	
3 1 3 1 3 3 1 4 4 4 4 4 4 4 4 1 4 4 4 4		(g)	(n)		(1)		(J)		(K)	+ 4
3 1		1								
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24     1       750     1       2     1       2     1       2     1       2     1       2     1       2     1       2     1       2     1       2     1       2     1       30     2       2     1       30     30       2     1       30     30       2     1       31     31       32     1       33     33       42     1       42     1       36     35       42     1       36     36       42     1       36     38       2     1       38     38       2     1       39		'								
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2     1       2     1       2     1       30       2     1       31       2     1       32       2     1       33       42     1       42     1       42     1       36       42     1       36       42     1       37       2     1       38       2     1       39	2	1								26
2 1 29 2 1 30 2 1 31 2 1 31 2 1 32 2 1 33 2 1 33 42 1 34 42 1 35 42 1 36 42 1 37 2 1 37 2 1 38 2 1 39	2	1								27
2     1       2     1       30       2     1       31     32       2     1       33     33       42     1       42     1       42     1       42     1       36     37       2     1       38     38       2     1       39	2	1								28
2     1       2     1       30       2     1       31     32       2     1       33     33       42     1       42     1       42     1       42     1       36     37       2     1       38     38       2     1       39		1								29
2 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 4 2 1 3 3 3 3 3 3 4 2 1 3 3 3 3 3 4 2 1 3 3 3 3 3 3 3 4 2 1 3 3 5 3 5 4 2 1 3 3 6 4 2 1 3 3 7 2 1 3 3 7 2 1 3 3 7 3 7 2 1 3 7 3 7 3 7 2 1 1 3 7 3 7 3 7 2 1 1 3 7 3 7 3 7 3 7 3 7 3 7 3 7 3 7 3 7										
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2 1 1 33 42 1 34 42 1 35 42 1 35 42 1 36 42 1 37 2 1 37 2 1 38 2 1 39										
42     1       42     1       42     1       42     1       42     1       36       42     1       37       2     1       38       2     1       39										
42     1       42     1       42     1       36       42     1       2     1       38       2     1       39										
42     1       42     1       36       42     1       2     1       38       2     1       39		1								
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2 1 38 2 1 39		1								
2 1 39	42	1								
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(In Service) (In MVa) (In Service) (In MVa) (In Service) (In Service) (In Service) (In Service) (In MVa) (In MV	
5. Show in columns (I), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment 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 na 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 MVa) (g) (h) (ii) (iii) (iii) (iii) (iii) (iv) (k)  2 1 1	
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Capacity of Substation (In Service) (In MVa) (f) (g) (h) Transformers (h) (i) (i) (ii) (iii) (iiii) (iiiiii) (In MVa) (k) (k) (iiiiiiiiiiiiiiiiiiiiiiiiiiiii	
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(In Service) (In MVa) In Service (In MVa) (In Service) (In MVa) (I	Line
(f)     (g)     (h)     (i)     (j)     (k)       2     1       2     1       2     1       2     1       2     1       2     1	No.
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2 1 2 1	2
2 1	3
	- 5
	- 6
3 1	
3 1	
	10
2 1	11
8 1	12
2 1	13
2 1	14
	15
	16
2 1	17
3 1	18
750 1 STU	19
2 1	20
2 1	21
8 1	22
8 1	23
24 1	24
750 1 STU	25
2 1	26
2 1	27
2 1	28
2 1	29
2 1	30
2 1	31
2 1	32
2 1	33
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2 1	35
42 1	36
42 1	37
42 1	38
42 1	39
2 1	4(

Name of Respondent		This	Repo	ort I	s: Original	Date of Re (Mo, Da, Y	r\		/Period of Report	
Duke Energy Carolinas, LL	С	(1)		A R	esubmission	04/12/2018		End	of 2017/Q4	
F. Chaveir calcurage (I)	(i) and (k) anasial a	au immanda h			TATIONS (Continued)	tifiana aandan			·iliam / a a · ·iamaa a	
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substations</li></ul>	s or major items of e	equipment I	eas	ed 1	from others, jointly ow	vned with othe	rs, or operated	oth	erwise than by	
reason of sole ownership										
period of lease, and annu										
of co-owner or other part affected in respondent's										
ancolou in respondents	books of account.	opecity in c	acii	ca.	oc whether lesson, co	-owner, or our	ci party is air a	330	ciated company	•
Capacity of Substation	Number of	Numbe			CONVERSI	ON APPARATU	IS AND SPECIAL	L EC	UIPMENT	Line
(In Service) (In MVa)	Transformers In Service	Spare Transforr		;	Type of Equi	pment	Number of Uni	ts	Total Capacity	No.
(f)	(g)	(h)			(i)		(j)		(In MVa) (k)	
2	1	( )			,		07		( )	_
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2	1									1
2	1									
2	1									
2	1									(
2	1									7
3	1									8
3	1									9
3	1									10
2	1									1
2	1									12
8	1									13
10	1									14
10	1									15
10	1									16
10	1									17
13	1									18
15	1					STU				19
15	1					STU				20
15	1					STU				2
	1									22
336	1									23
224	1									24
336	1									25
448	1									26
29	1					GND		1	28,672	2
10	1					GND		1	9,561	28
1	1					SS				29
1	1					SS				30
1	1					SS				3
2	1									32
3				1						33
3	1									34
3	1									35
10	1									36
10	1									37
10	1									38
10	1									39
10	1									40

Name of Respondent		This	Repo	ort Is	S: Original	Date of Re	port		r/Period of Repor	
Duke Energy Carolinas, LL	.C	(1)		A Re	Original esubmission	(Mo, Da, Y 04/12/2018		End	l of2017/Q4	-
5 01	(*)				TATIONS (Continued)					
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substations</li></ul>					•					
reason of sole ownership										
period of lease, and ann										
of co-owner or other part										
affected in respondent's										
Capacity of Substation	Number of	Numbe			CONVERSI	ON APPARATU	IS AND SPE	ECIAL E	QUIPMENT	Line
(In Service) (In MVa)	Transformers In Service	Spar Transforr			Type of Equi	pment	Number o	of Units	Total Capacity	No.
(f)	(g)	(h)	11010		(i)		(j)		(In MVa) (k)	
10	(9)	(11)			(1)		U)		(K)	٠
30	1									1
	<u>'</u>									;
30	1									
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5				1						10
5	1									1.
	1									12
5	1									1:
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4				1						14
4	1									1
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4	1									1
1				1						18
1	1									19
1	1									20
1	1									2
12	1									2:
12										2
12										24
12	1									2
	1									
1	1									26
1	1									2
1	1									28
20	1			_						29
12	1									30
12	1									3
12	1									32
12	1									33
12	1									34
125	1									3
125	1					SS				30
40										3
10	1									
12	1									38
12	1									39
12	1									40
									•	-

Name of Respondent		This	Report	ls: Original	Date of Re	port		r/Period of Report	
Duke Energy Carolinas, LL	_C	(1)	□ A I	Original Resubmission STATIONS (Continued)	(Mo, Da, Y 04/12/2018		End	of 2017/Q4	
5. Show in columns (I),	(i) and (k) special e	auinment e		, , ,	ctifiers conder	neere etc and	d aus	viliany equipmen	nt for
increasing capacity.	(j), and (k) special e	quipinent s	ucii a	s rolary conveniers, re	cuilers, conder	isers, etc. and	u au)	dilary equipmen	IL IOI
6. Designate substation	s or maior items of e	eauipment I	eased	from others, jointly ov	wned with othe	rs. or operate	d oth	erwise 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	ach c	ase whether lessor, co	o-owner, or oth	er party is an	asso	ciated company	/.
0 " (0 ) ( )	Number of	Numbe	r of	CONVERS	ION APPARATU	IS AND SDECI	ΛΙ Ε <i>C</i>	N IIDMENIT	Т
Capacity of Substation	Transformers	Spare	е			ı		Total Capacity	Line No.
(In Service) (In MVa)	In Service	Transforr	ners	Type of Equ	ipment	Number of Ur	nits	(In MVa)	INO.
(f)	(g)	(h)		(i)		(j)		(k)	-
12	1								<u> </u>
4				1					
4	1								<u> </u>
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2	1								14
2	1								1:
2	1								10
690	1				STU				1
1	1								18
1	1								19
2	-								2
	1								2
2									2
2									24
2									2
2									20
2									2
400					AUX				28
300					AOA				29
10									30
11	1								3
15	·								32
15									3
4				1					34
4	1								3
4	1								30
4	1								3
	1				SS				38
30	1								3
30									4
	<del> </del>			•			<u></u>		-

Duke Energy Carolinas, LLC	Name of Respondent		This (1)	Repo	ort Is:	Date of Re (Mo, Da, Y	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, including a conversible of the respondent. For any substation or equipment operated under lease, give name of lesson, 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 lesson, 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 lesson, 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 lesson, 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 lesson, 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 lesson, 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 lesson, 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 lesson, 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 lease, give name of lease, give name of lease, and state and substation or equipment of period other than by reason of sole ownership or lease, give name of lease, give name of lease, give name of lease, give name of lease, give name of lease, give name of lease, give name of lease, give name of lease, give name of lease, give name of lease, give name of lease, give name of lease, give name of lease, give name of lease, give name of lease, give name of lease, give	Duke Energy Carolinas, LL	-C			A Resubmission			End	1 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 where 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 commission of the party of substation (in Service) (in Mva) in Service (in Service) (in Mva) (in Service) (in Mva) (in Service) (in Mva) (in Service) (in Mva) (in Service) (in Mva) (in Service) (in Mva) (in Service) (in Mva) (in Service) (in Mva) (in Service) (in Mva) (in Service)	5 01	(2)	• • • • • • • • •						•1•	
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	•	(j), and (k) special ed	quipment s	uch	as rotary converters, rec	tifiers, conder	nsers, etc. a	and au	xılıary 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 when the by reason of sole ownership or less or generated the than by reason of sole ownership or less or generated the than by reason of sole ownership or less or generated the than by reason of sole ownership or less or generated the than by reason of sole ownership or less or generated the than by reason of sole ownership or less or generated the than by reason of sole ownership or less on 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 affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated common affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated common affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated common affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated common affected in respondent's books of accounts and accounts and accounts affected in respondent's books of accounts and accounts affected in respondent's books of accounts and accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent books of accounts affected in respondent books of accounts affected in respondent books of accounts affected in respondent books of accounts affected in respondent books of accounts affected in respondent books of accounts affected in respondent books of accounts affected in respondent books of accounts affected in respondent books of accounts affected in respondent books of accounts affected in respondent books of accounts affected in respondent books of accounts		s or major items of e	auinment l	ease	ed from others, jointly ow	ned with othe	rs or opera	ted otl	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 nation of covernor 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 Nation of Transformers (In Service) (In Nation of Transformers (In Service) (In Nation of Transformers (In Service) (In Nation of Transformers (In Service) (In Nation of Transformers (In Service) (In Nation of Transformers (In Service) (In Nation of Transformers (In Service) (In Nation of Transformers (In Service) (In Nation of Transformers (In Service) (In Nation of Transformers (In Service) (In Nation of Transformers (In										
Appendix   Dooks of account.   Specify in each case whether lessor, co-owner, or other party is an associated company.										
Capacity of Substation (In Service) (In MVa)										
Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Transfo	affected in respondent's	books of account. S	specify in e	ach	case whether lessor, co-	-owner, or oth	er party is a	n asso	ciated company	<b>/</b> .
Transformers   Spare   Fransformers   Spare   Transformers   Spare   Transformers   Spare   Transformers   Total Capacity   No.   (i)   (ii)   (iii)										
Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Transfo		Normalia and I	Nimaka							
(in Service) (in MVa)							i			_
(f) (g) (h) (i) (j) (k)  1 1	(In Service) (In MVa)				Type of Equip	pment	Number of	Units		No.
10 1	(f)	(g)	(h)		(i)		(j)			
10		1				SS				
30 1 1	10	1								2
30 1 1	10	1								3
30	30	1								
30	30	1								5
2 1 1	30	1								-
2	30	1								7
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2				1					1
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	1								1 6
11	2	1								10
20 1 1	2	1								11
20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11	1								12
20 1 1		1								13
8       1         8       1         45       1         45       1         1       11         5       1         20       1         30       1         20       1         20       1         20       1         20       1         20       1         20       1         20       1         20       1         3       1         20       1         3       1         20       1         3       1         20       1         21       2         3       1         3       1         20       1         3       3         3       1         4       2         5       1         3       3         20       1         3       3         3       1         4       3         3       3         3       4         4       3		1								14
8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1								15
45 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1								16
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1		1								
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20	5	1								
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30 1 33 34 34 35 35 36 36 37 36 37 37 38 37 38 38 38 38 38 38 38 38 38 38 38 38 38										
1 AUX 34 13 1 35 20 1 2 36 22 1 2 37 175 1 STU 38 101 1 STU 39										1
13     1       20     1       22     1       22     1       35       22     1       36     37       37     37       38     31       39     31       30     31       31     32       32     35       35     35       36     36       37     36       38     37       39     39       30     30       30     30       31     30       32     31       35     35       36     36       37     36       38     36       39     36       30     36       30     36       30     37       31     37       32     36       33     36       34     36       35     37       36     37       37     37       36     37       37     37       36     37       37     37       38     37       39     37       30     37 <td>30</td> <td></td> <td></td> <td></td> <td></td> <td>ΔΙΙΧ</td> <td></td> <td></td> <td></td> <td></td>	30					ΔΙΙΧ				
20     1     2     36       22     1     2     37       175     1     STU     38       101     1     STU     39	12					AOX				
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175 1 STU 38 101 1 STU 39										
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	101					310				
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Name of Respondent		This Rep	port Is	:: Priginal	Date of Re (Mo, Da, Y	port		r/Period of Repor	
Duke Energy Carolinas, LL	_C	(2)	A Re	submission ATIONS (Continued)	04/12/2018		End	l of2017/Q4	•
5. Show in columns (I),	(i) and (k) angoint o			, ,	tifiora condon	ooro oto	and au	viliany aguinman	at for
increasing capacity.	(j), and (k) special e	quipment suci	n as r	otary converters, rec	diners, conder	isers, etc.	and au	xillary equipmer	IL IOI
6. Designate substation	ns or maior items of e	equipment lea	sed fr	om others, iointly ow	ned with othe	rs. or opera	ated oth	nerwise than by	
reason of sole ownershi									
period of lease, and ann	nual rent. For any su	ıbstation or eq	uipm	ent operated other th	an by reason	of sole ow	nership	or lease, give n	ame
of co-owner or other par									
affected in respondent's	books of account.	Specify in eacl	h cas	e whether lessor, co-	owner, or oth	er party is	an asso	ciated company	/.
	Number of	Number of	: 1	OON /EDOM		O AND ODE	OLAL E	OLUDNATNIT	1
Capacity of Substation	Transformers	Spare			ON APPARATU				Line
(In Service) (In MVa)	In Service	Transformer	s	Type of Equip	pment	Number o	f Units	Total Capacity (In MVa)	No.
(f)	(g)	(h)		(i)		(j)		` (k) ´	<u> </u>
1	1								1
1	1				AUX				2
3			1						3
3	1								4
3	1								5
3	1								6
10	1								7
4			1						8
4	1								9
4	1								10
4	1								11
4	1								12
4	1								13
4	1								14
30	1								15
12	1								16
12									17
10	1								18
5									19
10									20
11	1								21
30	1								22
30									23
	1				AUX				24
20	1								25
20									26
10									27
4	1								28
17	1			AUTO-TE	RANSFORMER				29
17	1				RANSFORMER				30
17	1				RANSFORMER				31
76	·				RANSFORMER				32
10	'			A010-11	VAIVOI ORIVIER				33
12	1								34
12	1								35
10	1								36
									37
20									38
3			1						39
3			1						40
3	1								40
									<u> </u>

Substance	Name of Respondent		This	Repo	ort Is:	iginal	Date of Re	port		ar/Period of Repor	
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, ionity 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 leaser, 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 classor, and state amount accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party, explained 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 M/a) in a substation of equipment of the party substation (in M/a) in a substation of the party substation (in M/a) in a substation of the party substation (in M/a) in a substation of the party substation (in M/a) in a substation of the party substation (in M/a) in a substation (in M/a) in a substation of the party substation (in M/a) in a substation of the party substation (in M/a) in a substation of the party substation (in M/a) in a substation of the party substation (in M/a) in a substation of the party substation (in M/a) in a substation of the party substation (in M/a) in a substation of the party substation of the party substation (in M/a) in a substation of the party substation of the party substation of the party substation of the party substation of the party substation of the party substation of the party substation of the party substation of the party substation of the party substation of the party substation of the party substation of the party substati	Duke Energy Carolinas, LL	С		ΠA	A Res	submission	04/12/2018	;	End	d of2017/Q4	-
Increasing capacity.	F. Chavrin calumna (I)	(i) and (k) anasial a				, ,	tificus condon			viliam / a avvia aa a	
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 Service)   Number of Transformers (in Service) (in Miva)   Number of Transformers (in Service) (in Miva)   Number of Transformers (in Service) (in Miva)   Number of Transformers (in Service) (in Miva)   Number of Transformers (in Service) (in Miva)   Number of Transformers (in Service) (in Miva)   Number of Transformers (in Service) (in Miva)   Number of Number of Units (in Miva)   Number of International Number of Units (in Miva)   Number of International Number of Units (in Miva)   Number of	increasing capacity. 6. Designate substations	s or major items of e	equipment l	ease	ed fro	om others, jointly ow	ned with othe	rs, or opera	ted otl	nerwise 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 Total Capacity (in MVa) (in MVa)         Number of Total Capacity (in MVa) (in MVa)         Number of Units (in MVa) (in MVa)         Number of Units (in MVa) (in MVa)         Number of Units (in MVa) (in MVa)         Number of Units (in MVa) (in MVa)         Number of Units (in MVa) (in MVa)         Number of Units (in MVa) (in MVa)         Number of Units (in MVa) (in MVa)         Number of Units (in MVa) (in MVa)         Number of Units (in MVa) (in MVa)         Number of Units (in MVa) (in MVa)         Number of Units (in MVa) (in MVa)         Number of Units (in MVa) (in MVa) (in MVa)         Number of Units (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 MVa											
Affected in respondent's books of account.   Specify in each case whether lessor, co-owner, or other party is an associated company.											
Number of Transformers in Service (In MVa) (9)											
Transformers   Sapares   Sapares   Transformers   Sapares   Transformers   Sapares   Transformers   Transform	affected in respondent's	books of account.	Specify in e	acn	case	e wnetner lessor, co-	-owner, or oth	er party is a	ın asso	ociated company	<b>/</b> -
Transformers   Sapares   Sapares   Transformers   Sapares   Transformers   Sapares   Transformers   Transform											
Transformes   Savice   (in May)   Transformes   Savice   (in May)   (in Savice   (in May)   (in M	Canacity of Substation	Number of	Numbe	r of		CONVERSION	ON APPARATU	IS AND SPE	CIAL E	QUIPMENT	Line
(b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c					-						No.
3 1 1				ners			omone		Office	(In MVa)	
3 1 1			(n)			(1)		(J)		(K)	
10		1			_						
3 1 1		1									
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3 1 1		1									
12		1									
12		1									(
STU		1									
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20	8	1					STU				10
20 1 1	8	1					STU				1
22 1 1	20	1									12
1	20	1									13
12	22	1									14
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20	1									1:
10 1 1 10,000 1 10,000 1 10,000 1 1 10,000 1 1 10,000 1 1 10,000 1 1 10,000 1 1 1 1	12	1									16
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12	10	1					GND		1		-
20       1       2         20       1       2         2       1       2         2       1       2         2       1       2         2       1       2         2       1       2         2       1       2         2       1       2         2       1       2         2       1       2         2       1       2         2       1       3         2       1       3         3       1       5         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       3       3         4       3       3         5       3       3         6       3       3         7       3       3         8       3       3         9       3       3	12	1									19
2		1									20
2	20	1									2
Company	2				1						2
2       1       2         2       1       2         2       1       2         2       1       2         2       1       2         2       1       2         2       1       3         2       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       3       3         4       3       3         5       3       3         6       3       3         7       3       3         8       3       3         9       3       3         1       3       3         1       3       3         1       3       3         1       3       3         2       3       3         3       4       3		1									2
2       1       2         2       1       2         2       1       2         2       1       2         2       1       3         20       1       3         3       1       5         3       3       3         3       1       3         3       3       3         3       1       3         3       3       3         3       1       3         3       3       3         3       1       3         3       3       3         3       3       3         3       3       3         4       3       3         5       3       3         6       3       3         7       3       3         8       3       3         9       3       3         1       3       3         1       3       3         1       3       3         2       3       3         3       4       3		1									24
2       1       2         2       1       2         2       1       2         2       1       2         2       1       3         2       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       3       3         4       3       3         5       3       3         6       3       3         7       3       3         8       3       3         9       3       3         1       3       3         1       3       3         1       3       3         1       3       3         1       3       3         1       3       3		1									2
2     1       2     1       2     1       20     1       3     1       3     3       3     1       3     1       3     1       3     1       3     1       3     1       3     1       3     1       3     1       3     1       3     3       4     3       5     3       6     3       7     3       8     3       9     4       1     4       1     4       1     4       2     4       3     4       4     4       5     4       6     6       7     6       8     6       9     7       10     1       10     1       10     1       10     1       10     1       10     1       10     1       10     1       10     1       10     1       10     1					1						20
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20     1     3       20     1     3       3     1     5       4     3       3     1     3       3     1     3       3     1     3       3     1     3       3     1     3       3     1     3       3     1     3       3     1     3       3     1     3       3     1     3       3     1     3       4     3     3       5     3     3       6     3     3       7     4     4     4       8     4     4     4       9     4     4     4       10     1     4     4       10     1     4     4       10     1     4     4       10     1     4     4       10     1     4     4       10     1     4     4       10     1     4     4       10     1     4     4       10     1     4     4       10     1     4     4											29
20     1       31     SS       32     33       33     1       34     33       35     33       36     33       37     33       38     34       39     34       30     34       31     34       32     34       33     34       34     35       35     36       36     37       37     36       38     37       39     36       40     47       40     47       40     47       40     47       40     47       40     47       40     47       40     47       40     47       40     47       40     47       40     47       40     47       40     47       40     47       41     47       42     47       43     47       44     47       45     47       46     47       47     47       47     47       47											
1     1     SS     3       12     1     3       3     1     3       3     1     3       3     1     3       3     1     3       3     1     3       3     1     3       3     3     3       10     1     3       3     3     3       4     3     3       5     3     3       6     3     3       7     3     3       8     3     3       9     3     3       10     1     3       10     1     3											3
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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 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 nar of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accour 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  Number of CONVERSION APPARATUS AND SPECIAL EQUIPMENT  Lagrange Conversion of the party is an associated company.	Name of Respondent		This I	Repo	rt Is:	Date of Re	port		ar/Period of Repor	
S. Show in columns (I), (I), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment increasing capacity.  8. 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 laws by easen of sole ownership or lease, give and or 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 and or 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 and or 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 NY4)  In service (In NY4)  In se	Duke Energy Carolinas, LL	.C	II	ΠA	Resubmission			End	d of2017/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 them the yreason of sole ownership these, give har 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 account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated account affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated account. Specify in each case whether lessor, co-owner, or other party is an associated account. Specify in each case whether lessor, co-owner, or other party is an associated account. Specify in each case whether lessor, co-owner, or other party is an associated account. Specify in each case whether lessor, co-owner, or other party is an associated account. Specify in each case whether lessor, co-owner, or other party is an associated account. Specify in each case whether lessor, co-owner, or other party is an associated account. Specify in each case whether lessor, co-owner, or other party is an a	F. Chavrin calumna (I)	(i) and (k) anasial a			, , ,	tifiana aanala				
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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 NVa)  Service) (in NVa)  Number of Transformers (in Service) (in NVa)  (in Service) (in NVa)  At 1   Service (in NVa)  (in NVa)  Transformers (in Service) (in NVa)  (in NVa)  Transformers (in Service) (in NVa)  (in NVa)  Transformers (in Service) (in NVa)  (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 Service) (in Nuva)   Service (in Nuva)   Ser										
Capacity of Substation (In Service) (In MVa)   Transformers (In Service) (In MVa)   Transformers (In Service) (In MVa)   Transformers (In Service) (In MVa)   Total Capacity (In MVa)										
Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Transfo	affected in respondent's	books of account.	Specify in e	ach (	case whether lessor, co	-owner, or oth	er party is	an asso	ociated company	y.
Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Transfo										
Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Sare   Transformes   Transfo										
(In Service) (In MVa)					CONVERSI	ON APPARATI	JS AND SPE	CIAL E	QUIPMENT	Line
(f) (g) (h) (l) (l) (l) (k) (l) (k) (l) (l) (l) (k) (l) (l) (l) (l) (l) (l) (l) (l) (l) (l	(In Service) (In MVa)				Type of Equi	pment	Number of	f Units	Total Capacity	No.
34 1 1	(f)	(g)	(h)		(i)		(j)			
34					,,					
1	34	1								1 :
1	34	1								;
1	-	1				SS				1
1		1								
1		1								
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12		•								1
12		1								!
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12	1								10
13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12	1								1
13       1         13       1         12       1         12       1         13       1         20       1         20       1         10       1         20       1         20       1         20       1         20       1         20       1         20       1         20       1         20       1         10       1         10       1         400       1         300       1         1       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10 <t< td=""><td>12</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1:</td></t<>	12	1								1:
13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13	1								1:
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12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13	1								1:
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13	1								10
12 1 1		1								1
13 1		1								18
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10 1 1		•								2
10 1 1 20 1 20 1										2
20 1										
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20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										24
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										2
12 1 1	20	1								20
12 1 1	10	1								2
400     1       300     1       1     1       10     1       10     1       10     1       10     1       3     1       3     1       3     1       3     1       3     1	12	1								2
300 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12	1								29
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	400	1								30
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	300	1								3
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1								3
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10	1								3
10 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1	10	1								34
10 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1	10	1								3
3 1 1 3 1 3 1 3 1 1 1 1 1 1 1 1 1 1 1 1		1								30
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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 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 na of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accountificated 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 Soare  CONVERSION APPARATUS AND SPECIAL EQUIPMENT  Transformers  Soare	Name of Respondent		This I	Repo	ort Is	S: Original	Date of Re	port		ar/Period of Repor	
S. Show in columns (I), (i), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment increasing capacity.  8. Designate substations or major items of equipment leased from others, including the conversity by the respondent. For any substation or equipment potential under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment potential 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 or 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 INVa)  In minimizer of Transformers (in Spare Transformers (in Spare Transformers (in Swinzer Transformers (in S	Duke Energy Carolinas, LL	С			٩Re	esubmission			End	d of2017/Q4	<u> </u>
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 leases, and annual rent. For any substation or equipment operated them they reason of sole ownership of sees, 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 Service) (In MVa) (I	5 01	(*)				, , ,	re.			***	
period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give ne of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and account 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 Swive) (in Miva)	increasing capacity. 6. Designate substations	s or major items of e	equipment I	ease	ed f	rom others, jointly ow	ned with othe	rs, or opera	ated 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 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 MVa)											
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 New) (in Service) (in New) (in New) (in Service) (in New)											
Capacity of Substation (In Service) (In MVa)											
Transformes   Sopre   Transformes   Sopre   Transformes   Sopre   Transformes   Sopre   Transformes   Sopre   Transformes   Sopre   Transformes   Transfor	affected in respondent's	books of account. S	Specify in e	ach	cas	se whether lessor, co-	-owner, or oth	er party is a	an asso	ociated company	y.
Transformes   Sopre   Transformes   Sopre   Transformes   Sopre   Transformes   Sopre   Transformes   Sopre   Transformes   Sopre   Transformes   Transfor											
Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Transformers   Type of Equipment   Number of Units   Total Capacity (in MVs)   MVs		Number of	Numbe	r of		CONVEDSI	ON ADDADATI	IS AND SDE	CIALE	OLUDMENT	Т
(f) (g) (h) (h) (h) (h) (h) (h) (h) (h) (h) (h		Transformers	Spare	е							Line No.
10				ners			pment		Units	(In MVa)	INO.
12	<u> </u>		(h)			(i)		(j)		(k)	+
12		1									
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1									
3 1 1		1									;
3 1 1	12	1									<u> </u>
3 1 1	3				1						,
3 1 1 SS SS SS SS SS SS SS SS SS SS SS SS	3	1									(
1	3	1									
1	3	1									
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10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1					SS				10
10 1 1 20 1 20 1 1 20 1 20 1 1 20 1 20 1 1 20 1 20 1 1 20 1 20 1 1 20 1 20 1 1 20 1		1					SS				1
20 1 1	10	1									1:
20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10	1									1:
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20	1									14
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20	1									1:
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10	1									10
12     1       12     1       12     1       20     1       20     1       12     1       12     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       10     1       8     1       8     1       8     1       10     1       20     1	10	1									1
12 1 1	12	1									18
12 1 1	12	1									19
20       1         20       1         12       1         12       1         20       1         20       1         20       1         20       1         20       1         20       1         20       1         20       1         20       1         20       1         20       1         10       1         10       1         8       1         8       1         10       1         20       1		1									20
20 1 1	12	1									2
20 1 1	20	1									2
12 1 1 2 1 1 2 2 1 1 2 2 2 1 1 2 2 2 2											2
12 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1											24
20     1       20     1       20     1       20     1       20     1       12     1       20     1       20     1       20     1       10     1       8     1       8     1       10     1       20     1											2
20     1       20     1       20     1       20     1       12     1       20     1       20     1       20     1       10     1       8     1       8     1       10     1       20     1											20
20     1       20     1       20     1       12     1       20     1       20     1       10     1       10     1       8     1       8     1       10     1       20     1											2
20 1											2
20     1       12     1       20     1       20     1       10     1       10     1       8     1       8     1       10     1       20     1											2
12 1											30
20     1       20     1       10     1       10     1       8     1       8     1       10     1       20     1											3
20     1       10     1       10     1       8     1       8     1       10     1       20     1											32
10 1 1											3
10 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1											34
8 1 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											3
8 1 1 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											30
10 1 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											3
20 1											3
											3
											4
	20	1									4

Name of Respondent		This I	Repoi	t ls:	Date of Re	r\	ear/Period of Repor	
Duke Energy Carolinas, LL	С	(1)	ΠA	n Original Resubmission	(Mo, Da, Y 04/12/2018		nd of2017/Q4	•
5. Oh in a share (1)	(i)			SSTATIONS (Continued)	-4:6:			
5. Show in columns (I), (increasing capacity.	(j), and (k) special e	quipment s	uch a	is rotary converters, red	ctifiers, conder	nsers, etc. and a	auxiliary equipmer	nt for
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 c	ase whether lessor, co	-owner, or oth	er party is an as	sociated company	у.
	Number of	Numbe	r of	CONVEDSI	ON ADDADATI	JS AND SPECIAL	EOLIDMENT	1
Capacity of Substation	Transformers	Spare	е			I		Line No.
(In Service) (In MVa)	In Service	Transforr	ners	Type of Equi	pment	Number of Units	(In MVa)	INO.
(f)	(g)	(h)		(i)		(j)	(k)	
20	1							
20	1							2
20	1							3
20	1				2			4
8	1							,
8	1							6
12	1							1 -
12	1							1
1	1							1 9
1	1							10
1	1							1
1	1			1				12
1				4				13
2	4			1				14
2	1							
2	1							15
2	1							16
12	1							17
12	1							18
13	1				1			19
30	1							20
30	1							2
12	1							22
12	1							23
4				1				24
4	1							2
4	1							26
4	1							2
11	1							28
10	1							29
300	1							30
300	1							3
200	1							32
	1							33
200					OND		1 044	
9	1				GND		1 9,145	1
9	1				GND		1 9,156	
1	1				SS			36
1	1							3
12	1							38
12	1							39
15	1							40
-				•		•		•

Name of Respondent		This (1)	Repo	ort Is: An Origir	nal	Date of Re (Mo, Da, Y	port		r/Period of Repor	
Duke Energy Carolinas, LL	.C	(2)		A Resub	mission	04/12/2018		End	l of2017/Q4	•
F. Chave in calcumana (I)	(i) and (k) anasial as				ONS (Continued)	titione conde		and a	viliam raminim maan	
5. Show in columns (I), increasing capacity.	(j), and (k) special ed	quipment s	ucn	as rota	ry converters, rec	ctifiers, conder	isers, etc.	and au	xiliary equipmer	it for
6. Designate substation	s or major items of e	auinment l	ease	ed from	others jointly ow	ned with othe	rs or oper	ated oth	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	case w	hether lessor, co-	-owner, or oth	er party is	an asso	ciated company	y.
										_
Capacity of Substation	Number of Transformers	Number Spare				ON APPARATU	IS AND SPE	ECIAL E		Line
(In Service) (In MVa)	In Service	Transforr			Type of Equi	pment	Number o	f Units	Total Capacity (In MVa)	No.
(f)	(g)	(h)			(i)		(j)		(iii iii va) (k)	
15	1									,
12	1									2
30	1									3
30	1									
30	1									!
20	1									1 6
20	1									<del>                                     </del>
12	1									8
12	1									(
30	1									10
30	1									11
30	1									12
12	1									13
12	1									14
2	1									15
	1									16
2	1									17
2	1									18
3	1			1						19
1	1									20
1	-									21
	1									22
10	1									23
8	1									24
8	1									25
12	1									26
12	1									27
12	1									28
10	1									
10	1									30
2				1						
2	1									31
2	1									32
2	1									33
20	1									34
20	1									35
	1									36
	1									37
25	1					STU				38
22	1					STU				39
10	1									40

Name of Respondent		This I	Repor	ls: Original	Date of Re (Mo, Da, Y	eport		ar/Period of Repor	
Duke Energy Carolinas, LL	.C	(1)	ΠA	Resubmission	04/12/201		End	of 2017/Q4	-
5. Oh in	(i)			STATIONS (Continued)	- t:6:				-1.6
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substation</li></ul>	s or major items of e	equipment I	ease	from others, jointly ov	vned with othe	ers, or oper	ated oth	nerwise than by	
reason of sole ownership period of lease, and ann of co-owner or other par	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	Numbe		CONVERS	ON APPARATI	JS AND SPE	ECIAL E	QUIPMENT	Line
(In Service) (In MVa) (f)	Transformers In Service (g)	Spare Transforr (h)		Type of Equ	ipment	Number o	f Units	Total Capacity (In MVa) (k)	No.
(1)	(9)	(11)		(1)		U)		(K)	+
8	1								1
3				1					+ ;
3	1								,
3	1								:
3	1								
2	1								
2	1								1
2	1								,
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20	1								30
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Name of Respondent		This I	Repo	rt ls:	Date of Re	port		ar/Period of Repor	
Duke Energy Carolinas, LL	С	(1)		an Original BSTATIONS (Continued)	(Mo, Da, Y 04/12/2018		End	d of2017/Q4	•
F. Chour in columns (I)	(i) and (k) anasial a	auinment e		' '	atificas condo	nooro oto	and au	wilion, og rinmon	at for
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substations reason of sole ownership</li></ul>	s or major items of e	quipment l	ease	d from others, jointly ov	vned with othe	ers, or opera	ated otl	nerwise than by	
period of lease, and anni	ual rent. For any su	bstation or	equi	pment operated other th	nan by reason	of sole own	nership	or lease, give n	ame
of co-owner or other part affected in respondent's									
·					·	. ,			
Capacity of Substation	Number of	Number		CONVERSI	ON APPARATU	JS AND SPE	CIAL E	QUIPMENT	Line
(In Service) (In MVa)	Transformers In Service	Spare Transforn		Type of Equi	pment	Number of	f Units	Total Capacity (In MVa)	No.
(f)	(g)	(h)		(i)		(j)		(m m v a)	<u> </u>
6	1								:
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12	1								2
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2	1								2:
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12	1								2
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10	1								3
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						[		<u> </u>	1

Duke Energy Carolinas, LLC   (2)   Tal. Resubmission   04/12/2018   Ellu   1	Name of Respondent		This	Repo	ort Is	S: Original	Date of Re	port		ar/Period of Repor	
S. 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 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 nam 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 nam of lessor, and the annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give nam of lessor, and auxiliary equipment of reason of the party, explain basis of sharing expenses or other accounting between the parties, and state amount 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 Mive)  In Service) (in Mive)  In Ser	Duke Energy Carolinas, LL	.C	(1)		A Re	esubmission			End	of 2017/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 prod of lease, and annual rent. For any substation or equipment operated with earlier and occounter 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. Spacify in each case whether lessor, co-owner, or other party is an associated company.  Capacity of Substation (In Ministry) (In M	F. Chavrin calumna (I)	(i) and (k) anasial a				· ,	tifiana aandar			viliam ramvimma am	
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		(j), and (k) special e	equipment s	uch	as	rotary converters, rec	tifiers, conder	nsers, etc.	and au	xiliary equipmer	nt for
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, vesible hass of sharing expenses or other accounting between the parties, and state amount 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 Service		s or major items of e	equipment l	eas	ed f	rom others, jointly ow	ned with othe	rs, or oper	ated oth	nerwise than by	
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 in Service   Spare Transformers (in Service) (in MVa)   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 Service) (in MVa)   Number of Transformers (in Service) (in MVa)   Number of Transformers (in Service) (in MVa)   Number of Transformers (in Service) (in MVa)   Number of Units (in MVa)   Number of											
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)   Transformers In Service (In MVa)   Transformers In Service (In MVa)   Transformers In Service (In MVa)   Transformers In Service (In MVa) (In M											
Transformes   Transformes	affected in respondent's	books of account.	Specify in e	ach	cas	se whether lessor, co-	-owner, or oth	er party is	an asso	clated company	/-
Transformes   Transformes											
Transformes   Transformes	On a situat Outstation	Number of	Numbe	r of		CONVERSI	ΟΝ ΔΡΡΔΡΔΤΙ	IS AND SPE	CIAL F	OLUPMENT	T
(f) (g) (h) (i) (j) (hMay)  2		Transformers	Spar	е							- No.
2 1 1 2 1 1 2 1 1 2 1				ners		1	pinent		or Offics	(In MVa)	140.
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20		1									
20	_	1									2
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12		•									
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		•									!
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12		1									8
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20 1	13	1									1
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30 1 30 1 30 1 30 30 1 30 30 30 30 30 30 30 30 30 30 30 30 30	20	1									13
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30	1									1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1									17
2	1	1									18
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10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2				1						20
111 1 1	10	1									2
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8 1 STU 8 1 STU 8 1 STU 20 1 STU 20 1 STU 14 1 STU 12 1 STU 12 1 STU 137 1 STU 16 1 STU 17 STU 18 STU 19 ST	11	1									23
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14     1       14     1       12     1       12     1       37     1       37     1       37     1       6     1       6     1       6     1       6     1											28
14     1       12     1       37     1       37     1       37     1       37     1       6     1       6     1       6     1       6     1											29
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37 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6											34
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6 1 6 1											36
6 1					1						3
Y I											38
											39
	6	1									40

Duke Entropy Carolinas, LLC	Name of Respondent		This (1)	Repoi	t Is: Original	Date of Re (Mo, Da, Y	r\	ear/Period of Repor	
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 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 durier than by reason of sole ownership or classe, give name of lesson, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or classe, give name of lesson, and state amounts and accounts 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 M/a)  Transformers (In M)  20 11  20 20 11  20 20 11  20 20 11  20 20 11  20 20 20 20 20 20 20 20 20 20 20 20 20	Duke Energy Carolinas, LL	-C		ΠA	Resubmission			nd of2017/Q4	-
Increasing capacity   C. 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 lessor, date and period 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 commits affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated commits and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated commits and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated commits and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated commits and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated commits and accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in respondent's books of accounts affected in res	F. Chavein calumana (I)	(i) and (k) anasial a			· ,	atificus condo			
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 a	is rotary converters, re	ctifiers, conder	isers, etc. and a	auxiliary equipmer	nt 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 during the by reason of sole ownership or less explement 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 towns in Service (in MVa) (		s or major items of e	equipment l	ease	d from others, jointly o	wned with othe	ers or operated o	otherwise 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 socious 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 (n Miva)    Number of Transformers (n)									
Affected in respondent's books of account.   Specify in each case whether lessor, co-owner, or other party is an associated company.									
Number of Transformers in Service (In MVa) (I)									
Transformers   Sapare   Transformers   Sapare   Transformers   T	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 as	sociated company	y.
Transformers   Sapare   Transformers   Sapare   Transformers   T									
Transformers   Sapare   Transformers   Sapare   Transformers   T									
					CONVERS	ION APPARATL	JS AND SPECIAL		_
(f) (g) (h) (i) (i) (j) (k)  20 1	(In Service) (In MVa)				Type of Equ	ipment	Number of Units	Total Capacity	No.
20	(f)	(g)	(h)		(i)		(j)		
20	20	1							
20	20	1							2
20	20	1							3
20	20	1							
20	20	1							1 5
20	20	1							1 6
A		1							+ 7
1		1							+ 8
1	4	1							
4	4	1							
4	4	•			1				
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12 1 1									
1     1     AUX     26       13     1     29       13     1     30       20     1     30       12     1     30       12     1     30       20     1     30       20     1     30       20     1     30       20     1     30       30     30     30       30									
13     1     29       13     1     30       20     1     32       12     1     32       12     1     32       20     1     32       20     1     32       20     1     32       20     1     32       20     1     32       20     1     32       20     1     32       30     32     33       31     32     33       32     34     35       33     34     35       34     35     36       35     36     36       36     36     37       37     36     37       38     36     36       39     36     37       30     36     36       30     36     36       31     36     37       31     36     37       32     37     37       33     36     37       34     37     37       35     37     37       36     37     37       37     37     37       38     37	12					ALIV			
13     1     30       20     1     33       12     1     32       12     1     33       20     1     34       20     1     36       12     1     36       12     1     36       12     1     36       12     1     36       12     1     36       12     1     36       33     36     37       34     36     36       35     36     37       36     37     37       37     36     37       38     39     39	12					AUX			
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12 1 1 32 12 1 1 33 20 1 1 34 20 1 1 35 12 1 1 36 12 1 1 37 12 1 37 13 37 14 38 15 38 16 38 17 38 18 38 19 38 10 38 11 38 12 38 13 38 14 38 15 38 16 38 17 38 18 38 19 38 10 38 10 38 10 38 11 38 12 38 13 38 14 38 15 38 16 38 17 38 18 3									
12     1       20     1       20     1       20     1       32       12     1       12     1       12     1       12     1       33       34       35       36       37       38       39									
20     1       20     1       35       12     1       12     1       12     1       12     1       36       37       38       39									
20     1       12     1       12     1       12     1       12     1       12     1       36     37       12     1       38     38       39     39									
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Name of Respondent		This	Repoi	t Is: n Original	Date of Re	(r)	ar/Period of Repor	
Duke Energy Carolinas, LL	С	(1)	ΠA	Resubmission	(Mo, Da, Y 04/12/2018	1) En	d of2017/Q4	-
E Chow in columns (I)	(i) and (k) angoint a	auinment e		SSTATIONS (Continued)	atifiara aanda	acera etc. and a	wilian, aquinman	at for
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substations reason of sole ownership</li></ul>	s or major items of e	equipment I	ease	d from others, jointly o	wned with othe	ers, or operated ot	herwise than by	
period of lease, and annu of co-owner or other part	ual rent. For any su ty, explain basis of s	bstation or haring exp	equi ense	oment operated other t s or other accounting b	han by reason etween the pa	of sole ownership rties, and state ar	o or lease, give n mounts and acco	name ounts
affected in respondent's	books of account. S	Specify in e	ach d	case whether lessor, co	o-owner, or oth	er party is an ass	ociated company	<b>√</b> .
Capacity of Substation	Number of Transformers	Numbe Spare				JS AND SPECIAL E		Line
(In Service) (In MVa) (f)	In Service (g)	Transforr (h)		Type of Equ	ipment	Number of Units (j)	Total Capacity (In MVa) (k)	No.
3	(9)	(11)		(1)		U)	(K)	
3	1							1
12	1							,
12	1							1
12	1							
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200	1							1
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	1				SS			2
10	1							2
8	1							2
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2	1							2
10	1							2
2	1							2
2	1							2
12	1							2
12	1							3
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20	1							3.
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30	1							3
30	1							3
30	1				AUX			3
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	ļ			•		•	•	

Name of Respondent		This Re	eport Is X An O	: original	Date of Re (Mo, Da, Y	۲\	ar/Period of Report	
Duke Energy Carolinas, LL	_C	(2)	A Re	submission	04/12/2018		d of2017/Q4	
F. Chavein calumna (I)	(i) and (k) anasial a			ATIONS (Continued)	4:f:		iliam (aguineasa	4 6
5. Show in columns (I), increasing capacity.	(j), and (k) special e	quipment su	cn as r	otary converters, rec	tifiers, conder	isers, etc. and a	uxiliary equipmen	it for
6. Designate substation	s or major items of	equipment lea	ased fr	rom others, jointly ow	ned with othe	rs, or operated of	therwise 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 ea	ch cas	e whether lessor, co-	-owner, or oth	er party is an ass	ociated company	<b>'</b> .
On a situation	Number of	Number o	of	CONVERSION	ΩΝ ΔΡΡΔΡΔΤΙ	S AND SPECIAL E	OUDMENT	
Capacity of Substation (In Service) (In MVa)	Transformers	Spare		Type of Equip		Number of Units	Total Capacity	Line No.
	In Service	Transforme	ers		pinent		(In MVa)	110.
(f)	(g)	(h)		(i)		(j)	(k)	1
1	1							2
1	1							3
3	1							4
3	1							5
3								6
1	'		1					7
1	1							8
1	1							9
3	1							10
20								11
20								12
20								13
20								14
20								15
30								16
	1							17
11	1							18
2			1					19
2								20
2	1							21
2	1							22
1	1							23
1	1							24
1	1							25
5	1							26
5	1							27
10	1							28
10	1				GND		1 10,000	
20	1							30
20	1							31
30								32
30	1							33
30	1							34
20	1							35
20	1							36
3	1							38
3								39
3	1							40
3	'							40
							1	1

20	Name of Respondent		This	Rep	ort	ls: Original	Date of Re	port		ar/Period of Repor	
5. Show in columns (I), (I), and (Ix) 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, 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 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 one 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) in service (in MVa) in	Duke Energy Carolinas, LL	С	(1)		ΑF	Resubmission			End	d of2017/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 heave, give name of occurrent of sole ownership owners, or other party is an associated company.  Capacity of Substation (In Survice) (In Maya)  In Survice) (In M	5. Ob in a share (1)	(i) (l-)i-l -				, , , , , , , , , , , , , , , , , , , ,	4:£:				-1 6
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 acounting between the parties, and state amount and acounts affected in respondent's books of acount. Specify in each case whether lessor, co-owner, or other party is an associated company.  Capacity of Substation (in Service) International Professional P	increasing capacity.					•					
of co-owner or other party, explain basis of shafing 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)  3											
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)											
Transformers   Spare   Transformers   In Service   (in New)   (in Service)   (in New)   (in Service)   (in Se	affected in respondent's	books of account.	Specify in e	ach	ı ca	ise whether lessor, co	-owner, or oth	er party is	an asso	ociated company	<b>y</b> .
Transformers   Spare   Transformers   In Service   (in New)   (in Service)   (in New)   (in Service)   (in Se											
Transformers   Spare   Transformers   In Service   (in New)   (in Service)   (in New)   (in Service)   (in Se						_					
(in Service) (in MVa)						CONVERSI	ON APPARATL	JS AND SPE	CIAL E		Line
(f) (g) (h) (l) (l) (g) (k)  3 1	(In Service) (In MVa)				s	Type of Equi	pment	Number o	f Units	Total Capacity	No.
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300 1 300 1 1	20	1									10
300 1 1	10	1									1
19	300	1									1:
19 1 GND 1 19,120 1 1 1 1 1 SS		1									1;
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20     1       20     1       3     1       3     1       3     1       60     1       60     1       30     1       30     1       55     3       1     55       34     3       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       30     3       31     3       32     3       34     3       35     3       36     3       37     3       30     3       4     3       5     3       5     3       60     1       7     3       85     3       9     3       1     3       1     3       2     3       3     3		1									19
20     1       3     1       3     1       3     1       3     1       60     1       60     1       30     1       30     1       30     1       5     3       1     SS       34     3       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       20     1       3     3       20     1       3     3       3     3       4     4       5     5       6     3       7     4       8     3       9     4       1     5       1     5       2     1       2     1       3     1       4     4       5     5   <	12	1									20
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60 1 2 2 30 1 2 30 1 3 30 1 3 30 3 1 3 30 3 1 3 30 3 1 3 30 3 1 3 30 3 1 3 30 3 1 3 30 3 3 4 3 3 3 3 3 4 3 3 3 3 3 3 4 3	3	1									2
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								<u> </u>			

2006 Energy Carolina's, LLU	Name of Respondent		This	Rep	ort I	S: Original	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 terms 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 leas	Duke Energy Carolinas, LL	.C	(1)		ΑR	esubmission			End	l of2017/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 sole ownership by the respondent. For any substation or equipment operated under lease, give name of co-ownership or lease, give	F. Chavrin calumna (I)	(i) and (k) anasial a				· ,	atifia na agrada			viliam ( a muimma a m	
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 ther 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/va)  Transformers in Service (in M/va)  Type of Equipment Number of Transformers in Service (in M/va)  Type of Equipment Number of Transformers (in Service)	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 (g)											
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 MVe)											
Affected in respondent's books of account.   Specify in each case whether lessor, co-owner, or other party is an associated company.											
Number of Transformers in Service (In MeVa)											
Transformes   Spare   Transformes   Spare   Transformes   Spare   Transformes   Spare   Transformes   Spare   Transformes   Type of Equipment   Number of Units   Total Capacity   Number of Units   Number of Unit	anceted in respondents	books of account.	opcony in c	acii	ı ca	3C WIICTICI IC3301, CO	-owner, or our	ci party is	an asse	ciated company	/-
Transformes   Spare   Transformes   Spare   Transformes   Spare   Transformes   Spare   Transformes   Spare   Transformes   Type of Equipment   Number of Units   Total Capacity   Number of Units   Number of Unit											
Transformes   Transformes	Canacity of Substation		Numbe	r of		CONVERSI	ON APPARATU	JS AND SPE	ECIAL E	QUIPMENT	Line
(h) (g) (h) (i) (j) (i) (k) (k) (k) (l) (l) (l) (l) (l) (l) (l) (l) (l) (l											No.
10				ners	5	1	p		TOTILO	(In MVa)	
10	<u> </u>		(n)			(1)		(J)		(K)	.
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12	12	1									;
20	12	1									-
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3	20	1									(
3	12	1									
3 1 1					1	1					1
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3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1									10
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12 1	30	1									10
20	30	1									1
20	12	1									18
12		1									19
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Dubbe Energy Carolinas, LLC	Name of Respondent		This	Repor	ls: Original	Date of Re	r\	Year/Period of Repor	
5. Show in columns (I), (I), and (Ik) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.  8. Designate substations or major items of equipment leased from others, ionity owned with others, or operated otherwise than by reason of sole ownership or the respondent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of essent, 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 essent, 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 essent, date and period of co-owner 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)  The service (i	Duke Energy Carolinas, LL	С		ΠA	Resubmission			End of2017/Q4	<u> </u>
Increasing capacity.	5 01	(*)			· ,	. (************************************			
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 shaming 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 (G)   Number of Unit (G)   Nu	increasing capacity. 6. Designate substations	s or major items of e	equipment I	eased	from others, jointly ov	wned with othe	rs, or operated	otherwise 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 annu	ual rent. For any su	ıbstation or	equip	ment operated other t	han by reason	of sole owners	hip or lease, give n	name
Capacity of Substation (in Service) (in MVa)									
Caspering   Casp	anected in respondent's	books of account.	эреспу пте	acii c	ase whether lessor, co	-owner, or our	ei party is air a	ssociated company	у.
Type of Equipment   Number of Units   Number o	Capacity of Substation		Numbe	r of	CONVERS	ION APPARATU	JS AND SPECIA	_ EQUIPMENT	Line
(f) (g) (h) (h) (h) (h) (h) (k) (h) (h) (h) (h) (h) (h) (h) (h) (h) (h							T	ts Total Capacity	No.
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Sociation   Soci	500	1							,
192		•							
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1 1 1 1 AUX 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	·							
AUX   2   2   2   3   3   3   3   3   3   3	<u> </u>	-							2
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4       1       2         4       1       2         4       1       2         4       1       3         3       4       1         4       1       3         3       3       3         2       1       3         3       3       3         3       1       3         3       3       3         3       1       3         3       3       3         4       1       3         3       3       3         3       3       3         4       1       3         3       3       3         3       3       3         4       1       3         3       3       3         3       3       3         4       3       3         5       4       3         6       5       3         7       6       6         8       7       6         9       7       7         1       1       7	4				1				2
4       1       2         4       1       2         4       1       3         4       1       3         3       4       1         2       1       3         3       3       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       1       3         3       3       3         4       1       3         3       3       3         3       3       3         4       1       3         3       3       3         3       3       3         4       1       3         5       3       3         6       3       3         7       4       4         8       4       4         9       4       4       4         1       4       4 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
4       1       2         4       1       2         4       1       3         4       1       3         2       1       3         2       1       3         3       3       3         3       1       3         4       1       3         3       3       3         3       1       3         4       1       3         3       3       3         4       1       3         3       3       3         4       1       3         3       3       3         4       1       3         5       3       3         6       3       3         7       4       4         8       4       4         9       4       4         1       4       4         1       4       4         1       4       4         1       4       4         1       4       4         1       4       4									
1		1			1				
4     1     3       2     1     3       2     1     3       3     3     3       3     1     3       4     1     3       3     3     3       3     3     3       4     1     3       5     3     3       6     3     3       7     3     3       8     3     3       9     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     3     3       1     4     3       1     4     3 <t< td=""><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td>29</td></t<>		1							29
2     1       2     1       3     3       3     1       4     1       5     3       6     1       7     1       8     1       9     1       1     1       1     1       1     1       1     1       1     1       2     1       3     3       3     3       4     4       5     4       6     4       7     4       8     4       8     4       9     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       1     4       2     4       2 <td>4</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>30</td>	4	1							30
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2     1       3     1       1     1       1     1       1     1       1     1       1     1       1     1       3     3       3     3       3     3       3     3       4     3       5     3       6     3       7     3       8     3       9     3       1     1       1     1       1     3       2     3       3     3       3     3       4     4       5     6       6     7       7     7       8     7       9     7       1     1       1     1       1     1       1     1       2     1       3     1       4     1       5     1       6     1       7     1       8     1       8     1       9     1       1     1       1     1       1 <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td>					1				
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1 1 1 3 1 1 1 3 3 3	1				1				30
1 1 3	1	1							3
	1								38
	10	1							40

Name of Respondent		This	Repo	ort Is	S: Original	Date of Re	port		r/Period of Repor	
Duke Energy Carolinas, LL	С	(1)		A Re	Original esubmission	(Mo, Da, Y 04/12/2018		End	l of2017/Q4	
5 01	(*)				TATIONS (Continued)	ee				
<ul><li>5. Show in columns (I), (increasing capacity.</li><li>6. Designate substations</li></ul>	s or major items of e	equipment I	ease	ed f	rom others, jointly ow	ned with othe	rs, or opera	ated 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. S	Specify in e	ach	cas	se whether lessor, co-	-owner, or oth	er party is	an asso	ciated company	/-
	Number of	Numbe	r of		CONVEDEN	ON APPARATU	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 Equip	pment	Number o	f Units	Total Capacity (In MVa)	INO.
(f)	(g)	(h)			(i)		(j)		(k)	
10	1									,
30	1									:
30	1									;
10	1									4
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12	1									(
12	1									
20	1									1
20	1									1 9
3				1						10
3	1									1
3	1									1:
3	1									1;
10	1									14
10	1									1:
	•									10
20	1									1
22	1					2				18
4	4			1						19
4	1									20
4	·									2
4	1									
2				1						2:
2	1									2:
2	1									24
2	1									2
20	1									20
20	1									2
20	1									28
12	1									29
20	1									30
30	1									3
30	1									32
30	1									33
2	1					GND		1	1,500	
2	1					GND		1	1,500	
2	1					GND		1	1,500	
1	1					GND		1	1,000	
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1	1					GND		1	1,000	
1		·		1						40
							· <del></del>	·	· · · · ·	

Name of Respondent		This     (1)	Report	ls: Original	Date of Re (Mo, Da, Y	r\	Year/Period of Repo	
Duke Energy Carolinas, LL	_C	(2)	☐ A F	Resubmission	04/12/2018		End of	<u>4</u>
5 01 1 (1)	(2)			STATIONS (Continued)				
5. Show in columns (I),	(j), and (k) special ed	quipment s	uch as	rotary converters, rec	ctifiers, conder	nsers, etc. and	auxiliary equipme	nt for
increasing capacity.  6. Designate substation	is or major items of e	auinment l	eased	from others jointly ov	vned with othe	rs or operated	otherwise than by	,
reason of sole ownershi								
period of lease, and ann								
of co-owner or other par	ty, explain basis of s	haring exp	enses	or other accounting be	etween the pa	rties, and state	amounts and acc	ounts
affected in respondent's	books of account. S	Specify in e	ach ca	se whether lessor, co	-owner, or oth	er party is an a	ssociated compar	ıy.
	Number of	Numbe	r of	0011/5001		10 4110 005014	LEGUIDMENT	
Capacity of Substation	Transformers	Spare				IS AND SPECIA		Line
(In Service) (In MVa)	In Service	Transform	ners	Type of Equi	pment	Number of Un	its Total Capacity (In MVa)	No.
(f)	(g)	(h)		(i)		(j)	` (k) ´	
3				1				
3	1							2
3	1							3
3	1							4
11	1							,
22	1							(
20	1							-
4				1				8
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4	1							15
4	1							16
400	1							17
400	1							18
19	1				GND		1 19,12	21 19
19					GND		1 19,12	
2	1				SS			2
4				1				22
4	1							23
4	1							24
4	1							25
4				1				26
4	1			<u>'</u>				2
4	1							28
4	1							29
+	1				SS			30
1	'			1				3
1	1			<u>'</u>				32
1	1							33
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	·							36
12	1			1				37
3				1				38
3	1							39
3	1							
3	1							40
				1				_

Name of Respondent		This (1)	Repo	ort Is:	riginal	Date of Re	port		ar/Period of Repor	
Duke Energy Carolinas, LL	ergy Carolinas, LLC			A Res	riginal submission	(Mo, Da, Y 04/12/2018		End of		
5 01	(*)				ATIONS (Continued)	ee			•1•	
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substations</li></ul>					•					
reason of sole ownership										
period of lease, and ann										
of co-owner or other part										
affected in respondent's										
		. ,					. ,		. ,	
Capacity of Substation	Number of	Numbe			CONVERSION	ON APPARATU	IS AND SPE	CIAL E	QUIPMENT	Line
(In Service) (In MVa)	Transformers In Service	Spar Transforr			Type of Equi	oment	Number o	f Units	Total Capacity	No.
(f)	(g)	(h)			(i)		(j)		(In MVa) (k)	
10	1	(11)			(1)		U)		(11)	<u> </u>
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12	1									20
6				1						2
6	1									22
6	1									2
6	1									24
6	1									2
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3				1						28
3	1			_						29
3	1			$\neg \dagger$						30
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10	<u>.</u> 1									32
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22	1									38
20	1									39
2	1									40
			_							

Duke Energy Carolinas, LLC  (2) A Resubmission 04/12/2018  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 Is	S: Original	Date of Re	port		ar/Period of Repor	
5. Show in columns (h, Qi), 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 converter of the properties of the pr	Duke Energy Carolinas, LL	.C		A Re	esubmission	04/12/2018	3	End	d of2017/Q4	•
Increasing capacity.  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 protof of lease, and annual rent. For any substation or equipment operated under lease, give name of lessor, date and protof of 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 of the control of the cont	5 Chow in columns (I)	(i) and (k) anasial or	auinmont a		, , ,	tifioro condor	vaora ete o	nd ou	vilian, oguinmon	at 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, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership of lessor, designed for covere 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 comments in Service (in MVa) (in MVa	increasing capacity.				•					
Conversor 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 Nava)   Number of Transformers (in Service) (in Nava)   Total Capacity (in Nava) (in Nava)   Total Capacity (in Nava) (in Na										
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 Service) (in MVa)   Number of Transformers (in Service) (in MVa)   Number of Transformers (in Service) (in MVa)   Number of Transformers (in Service) (in MVa)   Number of Units (in MVa)   Num										
Capacity of Substation (in Service) (in MVa)	of co-owner or other par	ty, explain basis of s	haring expe	enses c	or other accounting be	etween the pa	rties, and sta	ate an	nounts and acco	unts
Transformers   Spare   Transformers   Spare   Transformers   Tra	affected in respondent's	books of account. S	Specify in ea	ach cas	se whether lessor, co-	owner, or oth	er party is ai	n asso	ociated company	<b>/</b> .
Transformers   Spare   Transformers   Spare   Transformers   Tra										
Transformers   Spare   Transformers   Spare   Transformers   Tra										
(In Nevice) (In MVa)	Capacity of Substation				CONVERSI	ON APPARATU	IS AND SPEC	CIALE	QUIPMENT	Line
(f) (g) (h) (i) (i) (ii) (minar)  2	(In Service) (In MVa)				Type of Equip	oment	Number of	Units	Total Capacity	No.
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4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20	1								10
4	20	1								1
4	4			1						12
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134		1								
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134 1 STU 2: 134 1 STU 2: 134 1 STU 2: 134 1 STU 2: 14 1 STU 2: 15 1 STU 2: 16 1 STU 3: 17 1 STU 3: 18	134	1				STU				22
134 1 STU 22 4 1 1 22 4 1 1 22 4 1 1 22 4 1 1 22 5 20 1 1 33 5 20 1 33 6 30 1 33 7 30 1 33 7 30 1 33 7 30 1 33 7 30 1 33 7 30 1 33 7 30 1 33 7 30 1 33 7 30 1 33 7 30 1 33 7 30 1 33 7 30 1 33 7 30 1 33 7 30 30 3 33 7 30 30 30 30 30 7 30 30 30 30 30 7 30 30 30 30 30 7 30 30 30 30 30 7 30 30 30 30 30 7 30 30 30 30 30 7 30 30 30 30 30 7 30 30 30 30 30 7 30 30 30 30 30 30 7 30 30 30 30 30 30 7 30 30 30 30 30 30 7 30 30 30 30 30 30 30 30 7 30 30 30 30 30 30 30 30 30 7 30 30 30 30 30 30 30 30 30 30 30 7 30 30 30 30 30 30 30 30 30 30 30 30 30	134	1				STU				23
4     1       4     1       20     1       20     1       30     1       30     1       30     1       30     1       31     30       30     1       31     30       32     30       33     30       4     1       34     1       35     30       4     1       36     30       4     1       36     30       4     1       36     30       4     1       36     30       4     1       36     30       4     1       36     30       4     1       37     30       4     1       36     30       4     1       37     30       4     1       36     30       4     1       4     1       4     1       4     1       5     2       6     30       7     4       8     4       9	134	1				STU				24
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4     1       4     1       20     1       30     1       30     1       30     1       31     30       30     1       31     30       4     1       4     1       4     1       4     1       30     30       4     1       31     30       4     1       4     1       4     1       4     1       31     30       4     1       32     30       4     1       34     1       35     30       4     1       36     30       4     1       36     30       4     1       36     30       4     1       37     30       4     1       4     1       36     30       37     30       4     1       4     1       4     1       4     1       4     1       5     10       6     1	4			1						26
4     1       4     1       20     1       30     1       30     1       30     1       31     34       4     1       4     1       4     1       4     1       30     34       4     1       31     34       4     1       4     1       4     1       31     34       4     1       4     1       31     34       4     1       32     34       4     1       34     1       35     36       36     36       37     36       38     36       39     36       4     1       4     1       30     36       31     36       32     36       33     36       34     1       35     36       36     37       37     36       38     36       39     36       4     1       4     1       4 </td <td>4</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td>	4	1								2
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20     1       30     1       30     1       30     1       4     1       4     1       4     1       4     1       30     30       4     1       30     30       4     1       31     30       4     1       4     1       31     30       4     1       4     1       31     30       4     1       4     1       31     30       32     30       4     1       33     30       4     1       4     1       34     30       35     30       4     1       4     1       4     1       5     30       6     30       7     30       8     30       9     30       10     30       10     30       10     30       10     30       10     30       10     30       10     30       10 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td>										1
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Name of Respondent		This Re			Date of Re	port		ar/Period of Repor	
Duke Energy Carolinas, LL	.C	(2)		submission ATIONS (Continued)	(Mo, Da, Y) 04/12/2018		End	d of2017/Q4	
5. Show in columns (I),	(i) and (k) enocial o			, ,	tifiors condor	sore oto a	nd au	vilian/ oquinmon	t for
increasing capacity.  6. Designate substation reason of sole ownership	s or major items of e	equipment lea	ased fr	om others, jointly ow	ned with othe	rs, or operat	ed otl	nerwise than by	
period of lease, and ann									
of co-owner or other par									
affected in respondent's									
anostoa in rooponiasiito		- p				o. pa. ty .o a.	. 0.00	ocated company	-
Capacity of Substation	Number of	Number o	of	CONVERSION	ON APPARATU	S AND SPEC	IAL E	QUIPMENT	Line
(In Service) (In MVa)	Transformers In Service	Spare Transforme	ro	Type of Equip	oment	Number of l	Units	Total Capacity	No.
			15				•	(In MVa)	
(f)	(g)	(h)		(i)		(j)		(k)	<u> </u>
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12	1								14
12	1								1:
	1				0115				
7	1				GND		1	6,859	
12	1								17
12	1								18
12	1								19
10	1								20
10	1								2
400	1								22
300	1								23
	•								24
300	1								
400	1								2
8	1				GND		1	8,230	
9	1				GND		1	9,145	2
	1								28
	1								29
	1								30
20	1				STU				3.
20	1				STU				32
	1				310				33
30	1								
20	1								34
30	1								3
	1				SS				36
12	1								3
12	1								38
12	1								39
12	1								40
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Name of Respondent		This I	Report Is	S: Original	Date of Re	r\	Year/Period of Repor	
Duke Energy Carolinas, LL	_C	(1)	A Re	esubmission TATIONS (Continued)	(Mo, Da, Y 04/12/2018	3	End of2017/Q4	<u>-</u>
5. Show in columns (I),	(i) and (k) special of	auinmont e		, ,	rtifiors condor	seers etc. and	Lauviliany aguinma	nt for
increasing capacity. 6. Designate substation reason of sole ownership	s or major items of op by the respondent	equipment l	eased f ubstatio	rom others, jointly ow on or equipment open	ned with othe ated under lea	rs, or operated ase, give name	otherwise than by	, d
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 a	ssociated compan	у.
Connective of Cychototica	Number of	Number	r of	CONVERSION	ON APPARATI	JS AND SPECIA	I FOLIIPMENT	1.:
Capacity of Substation (In Service) (In MVa)	Transformers	Spare	е	Type of Equi		Number of Un		Line No.
	In Service	Transform	ners		priicit		(In MVa)	''
(f)	(g)	(h)		(i)		(j)	(k)	+
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	1				GND		1	14
	1				GND		1	1:
	1				GND		1	16
20	1							17
12	1							18
34	1							19
20	1							20
	1				SS			2
4			1					22
4	1		•					23
4	1							24
4	1							2
1			1					26
1	1							2
1	1							28
1	1							29
-	1							30
20	1							3.
	1				CTU			32
420	1				STU			33
420	1				STU			34
750	1				STU			
760	1				STU			3
1	1							36
1	1							37
	1							38
	1							39
10	1							40
							-	

Name of Respondent		This (1)	Repo	ort Is	s: Original	Date of Re	port		ar/Period of Repor	
Duke Energy Carolinas, LL	olinas, LLC			A Re	esubmission	(Mo, Da, Y 04/12/2018		End of2017/Q4		
5 01	(*)				TATIONS (Continued)				***	
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substations</li></ul>	s or major items of	equipment l	ease	ed fi	rom others, jointly ow	ned with othe	rs, or opera	ted otl	nerwise 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	cas	e whether lessor, co-	-owner, or oth	er party is a	n asso	ociated company	y.
	Number of	Numbe	r of		CONVEDSI	ON APPARATU	IS AND SDE		OLUDMENT	Т
Capacity of Substation	Transformers	Spar	е						Total Capacity	Line No.
(In Service) (In MVa)	In Service	Transforr	ners		Type of Equip	pment	Number of	Units	(In MVa)	INO.
(f)	(g)	(h)			(i)		(j)		(k)	1
10				1						
30	1									-
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150	1									
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1	1					GND		1	500	
1	1					GND		1	500	-
1	1					GND		1	500	
	1									19
	1									20
	1									2
760	1					STU				2
60	1									2
60	1									24
6	1									2
6	1									2
24	1									2
760	1					STU				28
2						0.0				29
2	1									30
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Name of Respondent		This (1)	Repo	ort Is	s: Original	Date of Re (Mo, Da, Y	port		ar/Period of Repor	
Duke Energy Carolinas, LL	as, LLC			A Re	esubmission	04/12/2018		End of2017/Q4		
5 01	(2)				TATIONS (Continued)	ee.				
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substation.</li></ul>					•					
reason of sole ownership										
period of lease, and ann										
of co-owner or other part	ty, explain basis of s	sharing exp	ense	es c	or other accounting be	etween the pa	rties, and s	state an	nounts and acco	unts
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.
					1					
Capacity of Substation	Number of Transformers	Numbe Spar			CONVERSI	ON APPARATL	JS AND SPE	ECIAL E	QUIPMENT	Line
(In Service) (In MVa)	In Service	Transform			Type of Equi	pment	Number o	of Units	Total Capacity (In MVa)	No.
(f)	(g)	(h)			(i)		(j)		(iii iii va) (k)	
2	1									
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6	1									,
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2				1						1
2				1						12
2				1						1:
750	1					STU				14
60	1									1:
60	1									16
6	1									1
6	1									18
24	1									19
750	1					STU				20
2	1									2
2	1									2
2	1									2
2	1									24
2	1									2
2	1									20
2	1									2
2	1									28
2	1									29
2	1									30
2	1									3
2	1									32
2	1									33
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2	1									3
2	1									30
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2	1									38
2	1									39
2	1									4
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Name of Respondent		This     (1)	Repor	ls: Original	Date of Re	'r\	ear/Period of Repor	
Duke Energy Carolinas, LL	Carolinas, LLC 			Original Resubmission	(Mo, Da, Y 04/12/2018		nd of2017/Q4	-
5 01 : 1 (1)	<i>(</i> )			STATIONS (Continued)				
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substation:</li></ul>	s or major items of e	equipment I	eased	from others, jointly ov	wned with othe	ers, or operated o	therwise than by	
reason of sole ownership								
period of lease, and annual								
of co-owner or other part								
affected in respondent's	books of account.	Specity in e	acn c	ase whether lessor, co	o-owner, or oth	er party is an ass	sociated company	y.
Consoity of Substation	Number of	Numbe	r of	CONVERS	ION APPARATI	JS AND SPECIAL	FOUIPMENT	Lina
Capacity of Substation (In Service) (In MVa)	Transformers	Spare		Type of Equ		Number of Units		Line No.
	In Service	Transforr	ners		ipment		(In MVa)	110.
(f)	(g)	(h)		(i)		(j)	(k)	+ .
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1	1							20
33				1				2
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20	1							2
1				1				24
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1	1							29
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	1				AUX			3
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				+		<del></del>	+	+

Name of Respondent		This I   (1)	Report Is	S: Original	Date of Re (Mo, Da, Y	r\	ar/Period of Repor	
Duke Energy Carolinas, LL	.C	(2)	A Re	esubmission  FATIONS (Continued)	04/12/2018		d of2017/Q4	
E Chow in columns (I)	(i) and (k) ansaial a	auinment e		, ,	tifiara condon	sara ata and a	wiliant aguinman	ot for
5. Show in columns (I), increasing capacity.				•				
6. Designate substation								
reason of sole ownership								
period of lease, and ann								
of co-owner or other par affected in respondent's								
anected in respondent's	books of account.	эреспу пте	acii cas	e whether lessor, co-	-owner, or our	er party is all ass	ociated company	/.
0 " (0   1 "	Number of	Number	r of	CONVERSI	ON ADDADATI	IS AND SPECIAL E	OLUDMENT	Τ
Capacity of Substation	Transformers	Spare	Э				Total Capacity	Line No.
(In Service) (In MVa)	In Service	Transforn	ners	Type of Equip	oment	Number of Units	(In MVa)	INO.
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200	1							22
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300	1				OND			24
	1				GND		0.450	
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1	1				SS			1
3			1					27
3	1							28
3	1							29
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20	1							31
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12	'						+	37
2	1						-	38
							<u> </u>	39
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Name of Respondent		This (1)	Repo	ort I	s: Original	Date of Re (Mo, Da, Y	port		ar/Period of Repor	
Duke Energy Carolinas, LL	ke Energy Carolinas, LLC			٩R	esubmission	04/12/2018		End of		
- 0					TATIONS (Continued)					
5. Show in columns (I), increasing capacity.	(j), and (k) special e	quipment s	uch	as	rotary converters, rec	ctifiers, conder	nsers, etc.	and au	xiliary equipmer	nt for
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.	Specity in e	acn	ca	se wnetner lessor, co	-owner, or oth	er party is	an asso	ociated company	/-
Capacity of Substation	Number of	Numbe	r of		CONVERSI	ON APPARATU	JS AND SPE	ECIAL E	QUIPMENT	Line
(In Service) (In MVa)	Transformers	Spare Transforr			Type of Equi		Number o		Total Capacity	No.
	In Service		ners		1			or Ormo	(In MVa)	
(f)	(g)	(h)		1	(i)		(j)		(k)	<u> </u>
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200	1									30
150	1									3
150	1									38
30	1									39
30	1									40

Name of Respondent		This     (1)	Report	ls: Original	Date of Re (Mo, Da, Y	port	Year/Period of Re	
Duke Energy Carolinas, LL	-C	(2)	□ A I	Resubmission	04/12/201		End of	Q4 
		•		STATIONS (Continued)		•		
5. Show in columns (I),	(j), and (k) special ed	quipment s	uch a	s rotary converters, re	ctifiers, conde	nsers, etc. an	d auxiliary equipn	nent for
increasing capacity.	o or major itams of a	auinmont l	00000	from others jointly o	unad with athe	ra or operato	d othorwice then	by
6. Designate substation reason of sole ownershi								
period of lease, and ann								
of co-owner or other par								
affected in respondent's								
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Capacity of Substation	Number of	Numbe		CONVERS	ON APPARATI	JS AND SPECIA	AL EQUIPMENT	Line
(In Service) (In MVa)	Transformers In Service	Spare Transforr		Type of Equ	ipment	Number of U	nits Total Capaci	ty No.
(f)	(g)	(h)		(i)		(j)	(In MVa) (k)	
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Duke Energy Carolinas, LL	С	(1)	$1 \wedge 1 \wedge$		(IVIO. 1761 I				
		(2)	ΠA	n Original Resubmission	(Mo, Da, Y 04/12/2018		End	of 2017/Q4	
F. Chavein calumna (I)	(i) and (k) anasial as			STATIONS (Continued)	-+:f:		d a	viliam raminaman	
5. Show in columns (I), (increasing capacity.				•					it for
6. Designate substations 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	Number Spare		CONVERS	ON APPARATU	JS AND SPECIA	AL E	QUIPMENT	Line
(In Service) (In MVa)	In Service	Transforn		Type of Equ	ipment	Number of Ur	nits	Total Capacity (In MVa)	No.
(f)	(g)	(h)		(i)		(j)		(III WVa) (k)	
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2	1								12
10	1								13
12	1								14
400	1								15
270	1								16
448	1								17
12	1								18
9	1				GND		1	9,156	19
270									20
2	1				SS				21
200	1								22
200	1								23
200	1								24
200	1								25
19	1				GND		1	19,120	26
19	1				GND		1	19,120	
	1				SS			-,	28
	1				SS				29
	1				SS				30
8	1								31
8	1								32
22	1								33
20	1								34
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						<u> </u>		<u> </u>	—

200   All Parameters   200   All Parameters	Name of Respondent		This I	Rep	ort I	S: Original	Date of Re	port		r/Period of Report	
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, bright 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 of covered or other party, explain basis of sharing expenses or other accounting between the parties, and state amount adoctorate 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)         Number of Transformers (in MVa)         Number of Transformers (in MVa)         Number of Transformers (in MVa)         Type of Equipment (in MVa)         Number of Units (in MVa) (in MVa)         Total Capacity (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa)         (in MVa) <td>Duke Energy Carolinas, LL</td> <td>С</td> <td></td> <td></td> <td>A R</td> <td>esubmission</td> <td></td> <td></td> <td>End</td> <td>l of2017/Q4</td> <td></td>	Duke Energy Carolinas, LL	С			A R	esubmission			End	l of2017/Q4	
Increasing capacity.	5 01	(*)				` '	CC			*1*	
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 Service)   Number of Transformers (I)   Number of Transformers (I)   Number of Transformers (I)   Number of Transformers (I)   Number of Transformers (I)   Number of Transformers (I)   Number of Transformers (I)   Number of Transformers (I)   Number of Transformers (I)   Number of International Nu	increasing capacity. 6. Designate substations	s or major items of e	equipment I	eas	ed 1	from others, jointly ow	ned with othe	rs, or oper	ated oth	nerwise 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 Transformers in Service   Transformers in Service   Transformers in Service   Transformers in Service   Transformers in Service   Transformers in Service   Transformers in Service   Transformers in Service   Transformers   Type of Equipment   Number of Units   Total Capacity   No.											
Amount of the part of the pa											
Capacity of Substation (in Service) (in MVa)											
Transformers   Spare   Transformers   Spare   Transformers   Tra	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	ciated company	/.
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Transformers   Spare   Transformers   Spare   Transformers   Tra	0 " (0   1   1	Number of	Numbe	r of		CONVERSI	ON ADDADATI	IS AND SDE	CIAL E	OLIIDMENT	T
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Name of Respondent		This I	Report Is	S: Original	Date of Re (Mo, Da, Y	port	Year/Period of Repor	
Duke Energy Carolinas, LL	_C	(2)	A R	esubmission TATIONS (Continued)	04/12/2018		End of2017/Q4	<u>-</u>
5. Show in columns (I),	(i) and (k) special e	guinment e		' '	tifiers conder	sers etc and	d auvilian, equipme	nt for
increasing capacity.	(j), and (k) special e	quipinent s	ucii as	rotary conventers, rec	cuilers, conder	isers, etc. and	u auxilial y equipilie	101
6. Designate substation	s or major items of e	equipment l	eased f	rom others, jointly ow	ned with othe	rs, or operated	d 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	ach cas	se whether lessor, co-	-owner, or oth	er party is an a	associated compan	y.
	Number of	Numbei	r of	CONVERSI	ON ADDADATI	IS AND SDECI	AL EQUIPMENT	Т
Capacity of Substation	Transformers	Spare	Э					Line No.
(In Service) (In MVa)	In Service	Transforn	ners	Type of Equi	pment	Number of Ur	nits Total Capacity (In MVa)	INO.
(f)	(g)	(h)		(i)		(j)	(k)	┷
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Duke Entropy Carolinas, LLC	Name of Respondent		This F   (1)	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, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated durier than by reason of sole ownership or clases, que mand of lease, and state amounts and accounts of co-owner or other party, explain basis of sharing expenses or other eacounting 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)         Number of Transformers (In More) (In MVa)         Number of Transformers (In More) (In MVa)         Number of Transformers (In MVa)         Type of Equipment (In MVa) (In MVa)         Number of Transformers (In MVa) (In MVa)         1.0 <td>Duke Energy Carolinas, LL</td> <td>-C</td> <td>l l</td> <td>☐A F</td> <td>Resubmission</td> <td></td> <td></td> <td>and of2017/Q4</td> <td>-</td>	Duke Energy Carolinas, LL	-C	l l	☐A F	Resubmission			and of2017/Q4	-
Increasing capacity   C. 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 lessor, date and period of lease, and annual rent. For any substation or equipment operated other han by reason of sole ownership or lease, give name of oc-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 committed in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated committed in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated committed in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated committed in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated committed in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated committed in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated committed in respondent in severe party is an associated committed in the party is an associated committed in the party is an associated committed in the party is an associated committed in the party is an associated committed in the party is an associated committed in the party is an associated committed in the party is an associated committed in the party is an associated committed in the party is an associated committed in the party is an associated committed in the party is an associated committed in the party	5 Show in columns (I)	(i) and (k) enocial on	uinmont si		, , , , , , , , , , , , , , , , , , , ,	atifiors condor	sears ata and	auviliany aquinmar	nt for
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	1	(j), and (k) special eq	uipineni si	ucii as	Totaly conveniers, rec	ciliers, conder	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 due than by reason of sole ownership ownership ownership of sole ownership of sole ownership of sole ownership of sole ownership of sole ownership of sole ownership of sole ownership of sole ownership of sole ownership of sole ownership ownership of sole ownership ownership of sole ownership ownership of sole ownership ownership ownership of sole ownership ownership ownership ownership ownership ownership ownership ownership ownership ownership ownership ownership ownership ownership ownership ownership ownership ownership ownership ownershi		s or major items of ec	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)         Number of Transformers in Service         Number of Transformers in Service         Number of Transformers in Service         CONVERSION APPARATUS AND SPECIAL EQUIPMENT         In Intelligence (now year)         In I									
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) (in MVa)									
Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Tran	affected in respondent's	books of account. Sp	pecify in ea	ach ca	ise whether lessor, co	-owner, or oth	er party is an as	sociated company	у.
Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Tran									
Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Sapare   Transformers   Tran	0 " (0 ) ( )	Number of	Number	of	CONVERSI	ON ADDADATI	IS AND SDECIAL	EOLIIDMENT	Т
(b) (a) (b) (b) (c) (d) (c) (d) (d) (d) (d) (e) (e) (e) (e) (e) (e) (e) (e) (e) (e		Transformers	Spare	)			T		_
A				ners		pment			INO.
4		(g)	(h)		(i)		(j)	(k)	<del>                                      </del>
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4   1   1   1   2   2   3   3   3   1   3   3   3   3   3   3	4	1							
22	4	1							
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1		1							
22	20	1							
1		1				SS			
12									
1		1			1				
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1	12	1							
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Solution   Solution		1							
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33 1 RAC 155 34 1 RAC 155 35 1 RAC 155 36 1 RAC 155 37 1 RAC 155 38 1		1							
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33       1       RAC       2'         33       1       RAC       2'         33       1       RAC       2'         33       1       SS       2'         45       1       STU       2'         45       1       STU       2'         2       1       STU       2'         3       2       1       STU       3'         2       1       STU       3'         3       3'       3'       3'       3'         2       1       STU       3'       3'         3       2       1       STU       3'       3'         4       1       STU       3'       <		-							
33       1       RAC       22         33       1       RAC       23         45       1       STU       26         2       1       STU       26         2       1       STU       26         2       1       STU       26         2       1       STU       27         2       1       STU       30         2       1       STU       30         2       1       STU       30         3       30       30       30         3       30       30       30         4       30       30       30         4       30       30       30         5       30       30       30         6       30       30       30         7       30       30       30         8       30       30       30         9       30       30       30         9       30       30       30         9       30       30       30         9       30       30       30         9       30       <									
33         1         RAC         23           1         SS         24           1000         STU         26           45         STU         27           2         STU         28           2         STU         28           3         STU         30           2         STU         30           3         STU <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
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	45	1							27
2 1 1 30 2 1 1 30 2 1 1 30 2 1 1 30 2 1 1 30 3 30 3 30 3 30 3 30 3 30 3 30 3	2	1							28
2     1       2     1       3       2     1       2     1       3       2     1       3       2     1       3       2     1       3       3       4     3       4     3       4     4       4     4       5     4       4     4       4     4       5     4       4     4       5     4       6     4       7     4       8     4       8     4       9     4       1     4       1     4       1     4       2     4       3     4       4     4       4     4       5     4       6     4       7     4       8     4       8     4       9     4       1     4       1     4       1     4       2     4       3     4       4     4       5 <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		1							
2 1 1 32 2 1 1 33 2 2 1 3 34 2 2 1 3 35 2 2 1 3 36 2 2 1 3 37 3 37 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2	1							
2     1       2     1       33       2     1       36       2     1       36       2     1       37       30     1	2	1							
2 1 1 34 2 1 35 2 1 36 2 1 37 2 1 37 3 37 3 38 3 39	2	1							
2 1 35 2 1 36 2 1 37 2 1 37 37 30 1 38 39		1							
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52 1 1 40		1							
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Name of Respondent		This Report	ls: Original	Date of Re (Mo, Da, Yi	۲۱	Year/Period of Repor	
Duke Energy Carolinas, LL	_C	(2) A	Resubmission STATIONS (Continued)	04/12/2018		End of2017/Q4	-
5. Show in columns (I),	(i) and (k) special of		` '	etifiors condon	sore ote and	Lauvilian, oquipmor	nt for
increasing capacity.	(j), and (k) special e	quipinient such a	s rotary converters, rec	cliners, conden	isers, etc. and	auxilial y equipitiei	it ioi
6. Designate substation	s or maior items of e	equipment leased	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 each c	ase whether lessor, co	-owner, or othe	er party is an a	ssociated company	y.
			1				
Capacity of Substation	Number of Transformers	Number of Spare		ON APPARATU	S AND SPECIA		Line
(In Service) (In MVa)	In Service	Transformers	Type of Equi	pment	Number of Un	its Total Capacity (In MVa)	No.
(f)	(g)	(h)	(i)		(j)	(iii iii va)	
2			1				1
2			1				2
1000	1			STU			3
45	1						4
2	1						5
	1						6
1	1						7
2			1				8
2	1		1				9
2	1						10
	1						11
2	1						12
2	1						13
1	1						14
1	1						15
45	1		4				16
373			1				
373	1			STU			17 18
373	1			STU			19
373	1			STU			
45	-						20
2	1						21
	1						
2	1						23
2							24 25
2							
2							26
2	1						27
1							28
1	1						29
45							30
12	1						31
15			1				32
12	1						33
22	1						34
22	1						35
5			1				36
5	1						37
5	1						38
5							39
2			1				40

Capacity of Substation (In MVs)   Capacity of Sante (In MVs)   Capacity of Substation (In Service) (In MVs)   Capacity of Substation (In MVs	Name of Respondent		This	Repo	rt Is:	Date of Re	r\	ear/Period of Repor	
S. 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 lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other han 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 whan by reason of sole ownership or lease, give name of conversing or other party, lease, and state annual 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)	Duke Energy Carolinas, LL	.C	l l	ΠA	Resubmission			nd of2017/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 then than by reason of sole ownership ownership of sole ownership of sole ownership of sole ownership ownership of sole ownership of sole ownership ownership of sole ownership ownership of sole ownership own	E Chow in columns (I)	(i) and (k) anasial a	auinment e		· · · · · · · · · · · · · · · · · · ·	atifiara candar	nore etc. and a	uviliant aguinmar	nt for
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, vestion basis of sharing expenses or other accounting between the parties, and state amount 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 Sworce) (In Miva)   Number of Transformers (In Service) (In Miva)   Source (In Sworce) (In Miva)   Transformers (In Service) (In Miva)   Total Capacity (In Service) (In Miva)   Total Capacity (In Miva)   Total Capacit	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 o	therwise than by	
Capacity of Substation (In Service) (In MVa)   Number of Transformers in Service (g)   (g)   (h)   (	period of lease, and annu of co-owner or other part	ual rent. For any su ty, explain basis of s	bstation or haring exp	equi ense	pment operated other the sor other accounting be	nan by reason etween the pa	of sole ownershi rties, and state a	p or lease, give n mounts and acco	name ounts
Transformes   Transformes	affected in respondent's	books of account. S	Specify in e	ach (	case whether lessor, co	-owner, or oth	er party is an ass	sociated company	y.
In Service   (In MVa)	Capacity of Substation				CONVERSI	ON APPARATU	IS AND SPECIAL I	EQUIPMENT	Line
2		In Service	Transforr			pment		(In MVa)	No.
2 1 1 1 1 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 2 1 2			(11)		(1)		U)	(K)	<u> </u>
111	2	1							† :
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2	11	1							1 4
2 1 1	20	1							
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2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	1							
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	1							1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	1							,
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1							10
10 1 1 STU  15 1 1 STU  15 1 1 STU  112 1 1	1	1							1
15 1 STU  15 1 STU  16 1	1	1							1:
15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1							1:
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1				STU			14
12 1 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2									1:
20 1 20 1 3 3 4 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		1							1
20 1 1		1							18
3 1 1		1							19
3 1 1		'			1				20
3 1 1		1			•				2
3 1 200 1 20									2
200 1									2
200 1 4	200	1							24
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200	1							2
20 1 1 1 1 2 2 1 2 1 2 1 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 2 1 2 2 2 1 2	200	1				4			20
20 1 1 20 1 1 20 1 20 1 20 20 20 20 20 20 20 20 20 20 20 20 20	10	1							2
20 1 1	20	1			1				28
10 1 1	20	1							29
12 1 1	20	1							30
20 1 1 300 1									3
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300 1 300 1 300 300 300 300 300 300 300									3:
269 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5									34
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250 1 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6					1				3
250 1		1			1				3
									39
									4(
	250	'							

200   1	Name of Respondent		This	Repor	t Is:	Date of Re	r\	ear/Period of Repor	
S. Show in columns (I), (I), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.  8. Designate substations or major terms 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 other than by reason of sole ownership or lease, give name of lesses, 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 lesses, date and occounts of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amount ad 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 MVs)  The service (In MVs)  Service (In MVs)  280  1   Number of Transformers (In V)  280  1   CONVERSION APPARATUS AND SPECIAL EQUIPMENT (In V)  (In V)  CONVERSION APPARATUS AND SPECIAL EQUIPMENT (In V)  (In V)  (In V)  CONVERSION APPARATUS AND SPECIAL EQUIPMENT (In V)  (	Duke Energy Carolinas, LL	.C		ΠA	Resubmission			nd of2017/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 lessor, date and period 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 Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Service) (in Mva)  (in Mva	5 Show in columns (I)	(i) and (k) special e	guinment s		` '	ctifiers conde	neare atc. and a	uviliany equinme	nt for
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 lessor, date and occounted or occounted between the parties, and state amounts and accounts of co-owner or other party, visible 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 Miva)   Number of Transformers (g)   Number of Transformers (g)   Transformers (g)   Number of Transform	1	(j), and (k) special e	quipinent s	ucii a	s rotary conventers, re	cuilers, condei	isers, etc. and a	iuxilialy equipiliei	III 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 their than by reason of sole ownership ownership of sole ownership ownership of sole ownership ownership of sole ownership ownership of sole ownership ownership of sole ownership ownership ownership of sole ownership ownershi		s or maior items of e	equipment I	ease	d from others, iointly ov	vned with othe	rs. or operated o	therwise 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 MVe)									
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)									
Transformers   Tran	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 as	sociated company	y.
Transformers   Tran									
Transformers   Tran		Number of	Numbe	r of	CONVERS	ION ADDADATI	IC AND CDECIAL	FOLUDIAENT	T
(f) (g) (h) (i) (i) (ii) (k) (k) (k) (k) (k) (k) (k) (k) (k) (k							T		Line
(f) (g) (h) (l) (l) (k) (g) (k) (k) (g) (h) (l) (l) (l) (k) (l) (l) (l) (l) (l) (l) (l) (l) (l) (l				ners	Type of Equ	ipment		(In MVa)	INO.
280 1 1		(g)	(h)		(i)		(j)		
280		1							
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	280	1							-
1 1 1 1 2 2	280	1							;
20 1 1 2 2 1 2 1 2 1 2 1 2 1 2	2	1				SS			
20 1 1 2 2 1 2 2 3 1 2 3 3 3 3 3 3 3 3 3 3	1	1							
20 1 1 20 1 1 20 1 1 20 1 1 28,672 1 29 1 1	20	1							
20	20	1							
200	20	1							1
200 1	20	1							9
400 1	200	1							10
29 1 GND 1 28.672 2 29 1 GND 1 28.672 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200	1							1
29 1	400	1							1:
1 1 1 1 SS	29	1				GND		1 28,672	2 1
1	29	1				GND		1 28,672	2 14
400 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1				SS			1:
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	400	1							10
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	400	1							1
19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12	1							18
1     1       19     1       12     1       20     1       20     1       20     1       5     1       20     1       5     1       20     1       1     1       20     1       10     1       1     1       1     1       1     1       1     1       10     1       10     1       10     1       10     1       10     1       10     1       10     1       10     1       20     1		1							19
12 1 1 2 2 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		1							20
12       1         12       1         20       1         20       1         5       1         20       1         20       1         20       1         10       1         11       1         12       1         13       1         14       1         15       1         16       1         17       1         18       1         19       1         10	19	1							2
12 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1							2
20 1		1							2
20 1 20 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2									2
5     1       20     1       20     1       10     1       31     1       1     1       1     1       1     1       1     1       10     1       10     1       10     1       10     1       20     1									2
5     1       20     1       10     1       1     1       1     1       1     1       1     1       1     1       1     1       10     1       10     1       10     1       10     1       20     1									2
20     1     1       20     1     2       10     1     3       1     1     3       1     1     3       1     1     3       1     1     3       10     1     3       10     1     3       10     1     3       10     1     3       10     1     3       10     1     3       20     1     3									2
20 1 1 2 2 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3					1				28
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1				29
1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3									30
1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3									3
1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3									32
1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3								+	3
10 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		•			1				34
10 1 3 10 1 3 10 1 3 10 1 3 20 1 1 3		1							3
10 1 3 10 1 3 20 1 3		1							30
10 1 3 20 1 3									3
20 1		-							38
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		1			1			1	4
	3				'				"

Name of Respondent		This I	Repor	: ls: : Original	Date of Re (Mo, Da, Y	port		ar/Period of Repor	
Duke Energy Carolinas, LL	.C	(1)	ΠA	Resubmission	04/12/2018		End	d of2017/Q4	<u>+</u> -
5 01	(2)			STATIONS (Continued)	. ee			***	
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substation</li></ul>	s or major items of e	equipment I	ease	I from others, jointly ov	wned with othe	ers, or opera	ted otl	herwise than by	
reason of sole ownership period of lease, and ann									
of co-owner or other par	ty, explain basis of s	haring exp	ense	or other accounting b	etween the pa	rties, and st	ate an	nounts and acco	ounts
affected in respondent's	books of account.	specity in e	acn c	ase wnetner lessor, co	o-owner, or oth	er party is a	n asso	ociated company	<b>y</b> .
0 " (0   1	Number of	Numbe	r of	CONVERS	ION APPARATU	IS AND SDE	ΩIΔI E	OLUDMENT	T
Capacity of Substation (In Service) (In MVa)	Transformers In Service	Spare Transforr	е	Type of Equ		Number of		Total Capacity	Line No.
(f)	(g)	(h)	11013	(i)	•	(j)		(In MVa) (k)	
3	1								
3	1								:
3	1								;
1	1								
1	1								+ (
12	1								+
12	1								
12	1								!
3	1				1				1
3	1				1				1:
3	1			1	NULL				1:
2	1			1	1	•			14
2	1				1				1
2	1				1				10
	1				SS				1
12	1								1
12	1								1:
12	1								2
10									2:
20	1								2
20	1								2
20	1								2
20	1								2
20	1								2
4	1			1					2
4	1								3
4	1								3
4	1								32
4	1								3
4	1								3
	1								3
22	1				1				3
30	1								3
30	1								3
34	1								40

Name of Respondent		This	Repor	ls: Original	Date of Re	port		ar/Period of Report	
Duke Energy Carolinas, LL	С	(1)	ΠA	Original Resubmission STATIONS (Continued)	(Mo, Da, Y 04/12/2018		End	d of2017/Q4	
5. Ob a in a abunana (I) (	(:)				_t:f:				
<ul><li>5. Show in columns (I), (increasing capacity.</li><li>6. Designate substations</li></ul>	s or major items of e	equipment I	ease	I from others, jointly ov	wned with othe	ers, or operat	ed otl	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. S	Specify in e	ach c	ase whether lessor, co	o-owner, or oth	er party is ar	n asso	ociated company	/-
	Number of	Numbe	r of	0011/500	ION ADDADAT	10 4110 0050		OLUBATAT	_
Capacity of Substation	Transformers	Spare			ION APPARATU				Line
(In Service) (In MVa)	In Service	Transforr		Type of Equ	ipment	Number of I	Units	Total Capacity (In MVa)	No.
(f)	(g)	(h)		(i)		(j)		(k)	
200	1								
200	1								1
30	1								† ;
60	1								1
60	1								+ ;
19	1				CND		1	19,120	
	•				GND		- 1		1
9	1				GND		1	9,145	
1	1				SS				1
20	1								,
20	1								10
20	1								1
10	1								1:
300	1								1;
300	1								14
300	1								1:
500	'			1					10
500	1			1					1
	•								18
500	1								
500	1								19
29	1				GND		1	28,672	
33				1					2
33	1				RAC				2
33	1				RAC				2
33	1				RAC				24
1	1				SS				2
1	1								2
30	1								2
30	1								28
20	1								29
22	1								30
	1								3
8									32
10	1								
10	1								33
8	1								34
10	1								3
34	1								3
30	1			1					3
30	1								3
20	1								3
20	1								4
						ļ			

20	Name of Respondent		This	Repo	ort Is	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 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 and of lease, and attached in respondent's books of account. Specify in each case whether lessor, co-owner, or other party, vegliant 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 the party of transformers (s):  Capacity of Substation (in MVa) in the party of transformers (s):  (in Markey) in the party explaints of transformers (s):  (in Markey) in the party explaints of transformers (s):  (in Markey) in the party explaints of transformers (s):  (in Markey) in the party explaints of transformers (s):  (in Markey) in the party explaints of transformers (s):  (in Markey) in the party explaints of transformers (s):  (in Markey) in the party explaints of transformers (s):  (in Markey) in the party explaints of transformers (s):  (in Markey) in the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party explaints of the party e	Duke Energy Carolinas, LL	С	(1)		A Re	esubmission			End	of 2017/Q4	•
Increasing capacity.	F. Chavrin calumna (I)	(i) and (k) anasial a				, , ,	tifiana aandar			viliam ram vinoma am	
6. Designate substations or major items of equipment leased from others, jointly 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 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 by the respondent's books of account. Specify in each case whether leason, 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 leason, co-owner, or other party is an associated company.  Capacity of Substation (in Service) (in Servic		(j), and (k) special e	equipment s	uch	as	rotary converters, rec	tifiers, conder	nsers, etc.	and au	xiliary equipmer	nt for
reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of clessor, date and outser lent. 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 NVa)  Capacity of Substation (in Service) (in NVa)  (in 20		s or major items of	equipment l	lease	ed f	rom others, jointly ow	ned with othe	rs, or oper	ated oth	nerwise 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 MVa)											
Affected in respondent's books of account.   Specify in each case whether lessor, co-owner, or other party is an associated company.											
Number of Transformers In Service											
Capitary of Substance   Capi	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	y.
Capitary of Substance   Capi											
Capitary of Substance   Capi											
Type of Equipment   Number of Units   Iodas (agacty)   Iodas (agacty)   Iodas (agacty)   Number of Units   Iodas (agacty)   Number of Units   Iodas (agacty)   Number of Units   Iodas (agacty)   Number of Units   Iodas (agacty)   Number of Units   Iodas (agacty)   Number of Units   Iodas (agacty)   Number of Units   Iodas (agacty)   Iodas (agacty)   Iodas (agacty)   Iodas (agacty)   Iodas (agacty)   Iodas (agacty)   Iodas (agacty)   Iodas (agacty)   Iodas (agacty)   Iodas (agacty)   Iodas (agacty)	Capacity of Substation					CONVERSI	ON APPARATL	JS AND SPE	ECIAL E	QUIPMENT	Line
(f) (g) (h) (i) (j) (ii) (iii) (j) (iii) (k) (j) (k) (j) (k) (k) (j) (k) (k) (k) (k) (k) (k) (k) (k) (k) (k	(In Service) (In MVa)					Type of Equi	pment	Number o	f Units	Total Capacity	No.
20	(f)					(i)		(i)			
20			()			(1)		07		()	<u> </u>
20		1									1
1		1									+ ;
12		1									`
12		·									
30		·									!
30		1									(
30	30	1									
1	30	1									3
1	30	1									(
1	20	1									10
20	20	1									1
20		1									12
20 1 1		1									1:
12 1 1		1									14
15		1									
12 1		•									
1		1									
1	12	1									
A	4	1									18
A	4	1									19
4 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4	1									20
4 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4	1									2
1	4				1						22
20 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4	1									23
20 1 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	4	1									24
20       1       2         12       1       2         12       1       2         20       1       2         20       1       3         30       1       3         30       1       5         31       5       5         31       5       5         30       1       5         31       5       5         30       1       5         30       1       5         30       1       5         30       1       5         30       1       3         30       1       3         30       1       3         30       1       3         30       1       3         30       1       3         30       1       3         30       1       3         30       1       3         30       1       3         30       1       3         30       1       3         30       3       3         30       3	20	1									2
12       1       2         12       1       2         20       1       2         20       1       3         30       1       3         30       1       3         30       1       5         31       5       5         35       1       5         30       1       5         31       5       5         30       1       5         30       1       5         30       1       5         30       1       5         30       1       3         30       1       3         30       1       3         30       1       3         30       1       3         30       1       3         30       1       3         30       1       3         30       3       3         30       3       3         30       3       3         30       3       3         30       3       3         30       3		1									26
12     1       20     1       20     1       30     1       30     1       30     1       31     5       32     1       33     1       34     5       35     1       36     1       37     5       38     1       39     1       30     1       30     1       30     1       30     1       30     1       31     3       32     1       33     1       34     3       35     3       36     1       37     3       38     1       39     1       30     1       31     3       32     3       33     3       34     3       35     4       36     3       37     4       38     4       39     1       30     1       30     1       30     1       30     1       30     1       30 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td>											2
20 1 2 3 3 3 3 3 1 3 3 3 3 3 1 3 3 3 3 3 3											28
20     1       30     1       30     1       30     1       31     5       32     1       33     1       34     5       35     1       36     1       37     5       38     1       39     1       30     1       31     5       32     3       33     1       34     3       35     3       36     3       37     3       38     3       39     4       30 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>											
30 1 33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3											
30 1 33 34 35 35 35 36 36 36 36 36 36 36 36 36 36 36 36 36											
30 1 STU 3  15 1 STU 3  15 1 STU 3  15 1 STU 3  30 1 STU 3  31 STU 3  32 STU 3  33 STU 3  34 STU 3  35 STU 3  36 STU 3  37 STU 3  38 STU 3  39 STU 3  30 STU 3  30 STU 3  31 STU 3  32 STU 3  33 STU 3  34 STU 3  35 STU 3  36 STU 3  37 STU 3  38 STU											3
15 1 STU 3  15 1 STU 3  15 1 STU 3  15 1 STU 3  30 1 STU 3  31 STU 3  32 STU 3  33 STU 3  34 STU 3  35 STU 3  36 STU 3  37 STU 3  38 STU 3  38 STU 3  39 STU 3  30 STU 3  30 STU 3  30 STU 3  30 STU 3  31 STU 3  32 STU 3  33 STU 3  34 STU 3  35 STU 3  36 STU 3  37 STU 3  38 STU		1									32
15 1 STU 3  15 1 STU 3  15 1 STU 3  30 1 STU 3  31 30 1 STU 3  32 30 1 STU 3  33 30 1 STU 3  34 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	30	1									33
15 1 STU 3 30 1 3 30 1 3 30 1 3 31 33 3	15	1					STU				34
30 1 3 30 1 3 31 3 3 1 3 3	15	1					STU				3
30 1 3 1 3	15	1					STU				36
30 1 3 1 3	30	1									3
1 3		1									38
											39
	10										40
	13	1									-
											1
											1

Substitution   Capacity of Substitution   Capa	Name of Respondent			Repoi	rt ls:	riginal	Date of Re (Mo, Da, Y	r\	ar/Period of Repor	
5. Show in columns (I), (i), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment increasing capacity.  6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated other increasing capacity.  8. Designate substations or major items of equipment leased from others, jointly owned with others, or operated other lease, of an auxiliary 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, give name of leases, date and period of lease, and atamular lent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of orco-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amiss 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 Miving in Service) (in Miving in Service	Duke Energy Carolinas, LL	.C	(1)	ΠA	Res	submission	04/12/2018	En	d of2017/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 duried rease, give name of lessor, date of period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give na or or owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and account of the party, explain basis of sharing expenses or other accounting between the parties, and state amounts and account of the party, explain basis of sharing expenses or other accounting between the parties, and state amounts and account of the party of the party is an associated company.  Capacity of Substation (in Service) (in MVa)  Rumber of Transformers (g)  Number of Transformers (h)  (in MVa)  Number of Transformers (h)  (in MVa)  (	F. Chour in columns (I)	(i) and (k) anasial a	auinment e			, ,	tifiara aandar	acro etc. and a	wilion, oguinmen	at for
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, of the respondent of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, given and of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, given and of coverner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and account of coverner or other party is an associated company.  Capacity of Substation (in Service) (in MVar) (in MVar) (in Service) (in MVar) (in MVa	1	(J), and (k) special e	equipment s	sucn a	as ro	otary converters, rec	attiers, conder	isers, etc. and a	uxiliary equipmer	it for
period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give in co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state ambits and account of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state ambits and account of co-owner or other party is an associated company.    Capacity of Substation (In Service) (In MVa)		s or major items of	equipment l	lease	d fro	om others, jointly ow	ned with othe	rs, or operated of	therwise than by	
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 MVa)	reason of sole ownership	by the respondent	. For any s	ubsta	atior	n or equipment opera	ated under lea	ise, give name of	lessor, date and	i
Application   Capacity of Substation   Capac										
Capacity of Substation (in Service) (in MVa)   Transformers in Service (in MVa)   Transformers in Service (in MVa)   Transformers (in Service) (in MVa)   Total Capacity (in MVa) (in										
Transformers   Save   Transformers   Save   Transformers   Save   Transformers   Save   Transformers   Save   Transformers   Type of Equipment   Number of Units   Total Capacity (in MVa)   (in MVa	affected in respondent's	books of account.	Specify in e	each o	case	e whether lessor, co-	-owner, or oth	er party is an ass	ociated company	y.
Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Transformers   Sapre   Type of Equipment   Number of Units   Total Capacity (in MVs)   Sapre										
Transformer in Service   (In Mive)   Transformer in Service   (In Service   (In Mive)   (In Service   (In Mive)	Canacity of Substation	Number of	Numbe	r of		CONVERSION	ON APPARATL	IS AND SPECIAL E	QUIPMENT	Line
(f) (g) (h) (i) (j) (k) (k) (k)  12 1 1					-				Total Capacity	No.
12				IIEIS						
4			(11)		+	(1)		U)	(K)	+ -
4		·			1					1 2
4 1 1 20 1 1 20 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1	4	1			-+					+ ;
4 1 1 20 1 1 20 1 1 2 1 1 1 2 1 1 1 2 1	4	1			_					
20 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 2 1	4	·			+					+ ;
20 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	•			_					-
12		•								+
12		•			_					
45		·			-					,
45		1			_					10
45		1			_					1.
8 1 1 STU STU STU STU STU STU STU STU STU STU		•								12
63 1 STU STU STU STU STU STU STU STU STU STU		1			_					1:
63 1 STU 63 1 STU 63 1 STU 63 1 STU 75 1 STU 75 1 STU 75 STU 80 STU 11 STU 11 STU 13 1 STU 13 1 STU 13 1 STU 13 1 STU 14 STU 15 STU 16 STU 17 STU 17 STU 18 STU 18 STU 19 STU 19 STU 10 STU 10 STU 10 STU 11		1					OTIL			14
63 1 STU STU STU STU STU STU STU STU STU STU		1								1:
STU		•			_					16
Total		·			_					17
173		•			_					18
STU   STU		1								
80										19
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										20
13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	80						STU			2
13 1 1	·									22
13 1 1		1			_					23
13 1					1					24
13 1 STU STU STU STU STU STU STU STU STU STU					_					2
10 1 STU 1 GND 1 1 GND 1 1 GND 1 1 GND 1 1 GND 1 1 GND 1 1 GND 1 1 GND 1 1 GND 1 1 GND 1 1 GND 1 1 GND 1 1 1,667 10 1 GND 1 1 1,667 10 1 TO TO TO TO TO TO TO TO TO TO TO TO TO										26
1 GND 1 GND 1 GND 1 GND 1 GND 1 GND 1 GND 1 GND 1 GND 1 1,667 GND 1 1,667 10 1 10 1 10 1 11 1 12 1 12 1 10 1										2
1 GND 1 1 GND 1 2 1 GND 1 1 1,667 10 1 1 1 1,667 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10				_					28
1 GND 1 2 1 GND 1 1,667 10 1 GND 1 1,667 10 1 GND 1 1,667 10 1 GND 1 10 1 10 1 GND 1 10 GND 1					$\perp$				1	29
2 1 1 1,667  10 1 1									1	30
10 1					_				•	3
10 1 1 34 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							GND		1,667	
34     1       12     1       12     1       10     1					_					33
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					$\perp$					34
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					$\perp$					35
10 1					$\perp$					30
		1			_					37
I 6 1 1 I I I I I					1					38
	6	1								39
6 1	6	1								40
										$\perp$

Name of Respondent		This Report	Original	Date of Re	r\	ear/Period of Repor	
Duke Energy Carolinas, LLC	C	(2) A F	Original Resubmission	(Mo, Da, Y 04/12/2018		nd of2017/Q4	<del>1</del> -
5 OL	2) 1 (1)		STATIONS (Continued)			*1*	
<ul><li>5. Show in columns (I), (increasing capacity.</li><li>6. Designate substations reason of sole ownership period of lease, and annual</li></ul>	s or major items of e	equipment leased For any substat	from others, jointly ow	vned with othe ated under lea	rs, or operated o	otherwise than by of lessor, date and	, d
of co-owner or other party affected in respondent's I	y, explain basis of s	haring expenses	or other accounting be	etween the pa	rties, and state a	mounts and acco	ounts
							_
Capacity of Substation	Number of Transformers	Number of Spare			IS AND SPECIAL		Line
(In Service) (In MVa)	In Service	Transformers	Type of Equi	pment	Number of Units	(In MVa)	No
(f) 6	(g)	(h)	(i)		(j)	(k)	+
12	1						
12	1						
20	1						
20	1						
8	1			STU			
8	1			STU			
8	1			STU			
8	1			STU			
1	1						1
1	1						1
20	1						1
4	1		1				1
4	1		1				1
4	1						1
4	1						1
2			1				1
3	1						1
3	1						2
3	1						2
4	1						2
4	1		1				2
4	1						2
4	1						2
4	1						2
4	1						2
4	1						2
20	1						3
20	1						3
22	1					_	3
20	1						3
20	1						3
10	1						3
2	'		1				3
2	1						3
2	1						3
2	1						4
i			1			ĺ	1

Name of Respondent		This F	Report Is	S: Original	Date of Re (Mo, Da, Yi	port		r/Period of Repor	
Duke Energy Carolinas, LL	.C	(2)	A Re	esubmission FATIONS (Continued)	04/12/2018		End	of 2017/Q4	
5. Show in columns (I),	(i) and (k) special ed	quinment ei		` '	tifiers conden	sears atc. s	and au	viliary equipmen	
increasing capacity.	(j), and (k) special ed	quipinent sc	icii as i	lotary conventers, rec	dillers, conden	15015, 010. 6	ariu au	xillary equipmen	11 101
6. Designate substation	s or major items of e	auinment le	eased f	rom others iointly ow	ned with othe	rs or opera	ted oth	nerwise than by	
reason of sole ownership									
period of lease, and ann									
of co-owner or other par									
affected in respondent's									
·									
Capacity of Substation	Number of	Number		CONVERSI	ON APPARATU	S 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.
(f)		(h)	1013	(i)		(j)		(In MVa) (k)	
(1)	(g)	(11)		(1)		U)		(K)	1
10	1								2
	!								
400	1								3
400	1								4
448	1								5
1	1				AUX				6
29	1				GND		1	28,672	7
10	1								8
10	1								9
30	1								10
30	1								11
	1								12
10	1								13
5	1								
8	1								14
8	1								15
10	1								16
8	1								17
22	1								18
20	1								19
10	1								20
17	1								21
448	1								22
400	1								23
19	1				GND		1	19,120	
	-				GND		'	19,120	25
1	1								26
20	1								1
20	1								27
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Name of Respondent		This (1)	Repo	rt Is: .n Original	Date of Re (Mo, Da, Y	port		ar/Period of Repor	
Duke Energy Carolinas, LL	_C	(2)		Resubmission	04/12/2018		End	of 2017/Q4	•
5 01 1 (1)	(2) 1 (1) 1 1			BSTATIONS (Continued)					
5. Show in columns (I), increasing capacity.	(j), and (k) special e	quipment s	uch	as rotary converters, rec	ctifiers, conder	nsers, etc. a	ind au	xiliary equipmer	it for
6. Designate substation	s or maior items of e	eauipment l	lease	d from others, iointly ow	ned with othe	rs. or operat	ed otl	nerwise 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	each	case whether lessor, co-	-owner, or oth	er party is a	n asso	clated company	/.
Capacity of Substation	Number of	Numbe	r of	CONVERSI	ON APPARATU	JS AND SPEC	IAL E	QUIPMENT	Line
(In Service) (In MVa)	Transformers In Service	Spare Transforr		Type of Equi		Number of		Total Capacity	No.
(f)	(g)	(h)	11615	(i)		(j)	•	(In MVa) (k)	
3	(9)	(11)		(1)		U)		(K)	<u> </u>
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2	1								17
34	1								18
34									19
	1				SS				20
10	1								2
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10	1								23
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20	1								34
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2	1								38
2				1					39
20	1								40
						- <del></del>			

Name of Respondent		This F	Repo	t Is: n Original	Date of Re (Mo, Da, Y	r\	ar/Period of Report	
Duke Energy Carolinas, LL	.C	(2)	ΠA	Resubmission STATIONS (Continued)	04/12/2018		d of2017/Q4	
5 Chow in columns (I)	(i) and (k) angoint on	uinment e		, , ,	otifioro condor	acora etc. and au	vilian, aquinman	ot for
5. Show in columns (I), increasing capacity.	(j), and (k) special eq	juipment si	ucn a	s rotary conveners, re	cullers, conder	isers, etc. and au	ixiliary equipmen	IL IOI
6. Designate substation	s or maior items of e	guipment l	ease	d from others, jointly ov	wned with othe	rs, or operated 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	pecify in e	ach d	ase whether lessor, co	o-owner, or oth	er party is an asso	ociated company	/.
	Number of	Number	r of	0011/500	ION ADDADATI	10 4115 0550141 5	OLUBATAT	
Capacity of Substation	Transformers	Spare				JS AND SPECIAL E		Line
(In Service) (In MVa)	In Service	Transforn		Type of Equ	ipment	Number of Units	Total Capacity (In MVa)	No.
(f)	(g)	(h)		(i)		(j)	` (k) ´	
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12	1							2
300	1							3
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3	1							23
3	1							24
300	1							25
200	1							26
200	1							27
10	1				GND	1	9,561	28
10	1				GND	1	9,561	-
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20	1							40
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Name of Respondent		This F	Report Is	S: Original	Date of Re	port		ar/Period of Repor	
Duke Energy Carolinas, LL	.C	(1)	_	esubmission  FATIONS (Continued)	(Mo, Da, Y 04/12/2018		End	d of2017/Q4	-
5. Show in columns (I),	(i) and (k) enocial o	auinmont cu			tifiore condor	neare ata	and au	viliany oguinmor	at for
increasing capacity.  6. Designate substation	s or major items of e	equipment le	eased 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 part									
affected in respondent's									
anected in respondent's	DOOKS OF ACCOUNT.	specify in ea	acii cas	se whether lessor, co-	-owner, or our	er party is a	an asso	ocialed company	/-
Capacity of Substation	Number of	Number		CONVERSI	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.
(f)	(g)	(h)		(i)		(j)		(In MVa) (k)	
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20	1								13
20	1								14
12	1								1:
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12	1								19
12	1								20
13	1				1				2
22	1				1				22
270	1								23
400	1								24
400	1								2
1	1								26
1	1								2
3			1						28
3	1		<u> </u>						29
3	1								30
3	1								3
10	1								32
10	1								33
20	1								34
12	1								3
20	1								36
20	1								3
	1								38
20	1								39
20	1								
20	1								40

Name of Respondent		This Rep	ort Is:	iginal	Date of Re	port		ar/Period of Repor	
Duke Energy Carolinas, LL	.C	(2)		ubmission ATIONS (Continued)	(Mo, Da, Y) 04/12/2018		End	d of2017/Q4	•
5. Show in columns (I),	(i) and (k) angoint o				tifiora condon	acoro oto	and au	viliary oguinmor	at for
increasing capacity.  6. Designate substation reason of sole ownership	s or major items of e	equipment leas	sed fro	om others, jointly ow	ned with othe	rs, or opera	ated otl	nerwise than by	
period of lease, and ann									
of co-owner or other par									
affected in respondent's									
·									
Capacity of Substation	Number of Transformers	Number of		CONVERSION	ON APPARATU	S AND SPE	CIAL E	QUIPMENT	Line
(In Service) (In MVa)	In Service	Spare Transformers	s [	Type of Equip	oment	Number o	f Units	Total Capacity	No.
(f)	(g)	(h)		(i)		(j)		(In MVa) (k)	
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20	1								2:
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20	1								2!
20	1								26
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30	1				1				30
45	1				4				3
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	1				1				33
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20	1								36
20	1								3
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Name of Respondent		This (1)	Repo	ort Is	s: Original	Date of Re (Mo, Da, Y	port		ar/Period of Repor	
Duke Energy Carolinas, LI	_C	(2)		A Re	esubmission	04/12/2018		Enc	of 2017/Q4	•
F. Chavein askumana (I)	(i) and (k) anasial a				TATIONS (Continued)	4:f:			viliam ram vinoma an	
5. Show in columns (I), increasing capacity.	(j), and (k) special e	quipment s	ucn	as i	rotary converters, rec	tifiers, conder	isers, etc.	and au	xillary equipmer	it for
6. Designate substation	ns or major items of e	equipment l	lease	ed fi	rom others iointly ow	ned with othe	rs or onera	ated oth	nerwise 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	ach	cas	e whether lessor, co-	owner, or oth	er party is a	an asso	ciated company	/.
Capacity of Substation	Number of Transformers	Numbe Spar				ON APPARATU	IS AND SPE	CIAL E		Line
(In Service) (In MVa)	In Service	Transforr			Type of Equi	pment	Number of	f Units	Total Capacity (In MVa)	No.
(f)	(g)	(h)			(i)		(j)		(k)	
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4	1									16
4	1									17
	1									18
4				1						19
22	1			-						20
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4				•						28
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50						310				39
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FERC FORM NO. 1 (ED. 12-96)

Name of Respondent		This F	Report I:  X An (	S: Original	Date of Re	r\	ar/Period of Repor	
Duke Energy Carolinas, LL	.C	(1)	☐A R	esubmission TATIONS (Continued)	(Mo, Da, Y 04/12/2018		d of2017/Q4	
5. Show in columns (I),	(i) and (k) angoint of	auinment ei			tifioro condor	acoro eta and a	wilian, aquinman	ot for
increasing capacity.	(j), and (k) special e	quipinent st	ucii as	rotary converters, rec	uners, conder	isers, etc. and a	uxillary equipmer	IL IOI
6. Designate substation	s or major items of	equinment la	eased f	from others, injustly ow	ned with othe	ers or operated of	therwise than hy	
reason of sole ownership								ł
period of lease, and ann								
of co-owner or other par								
affected in respondent's								
	books of account.	opcony in o	4011 041	50 Wilding 100001, 00	owner, or our	or party to air doo	colated company	•
Canacity of Substation	Number of	Number	of	CONVERSI	ON APPARATI	JS AND SPECIAL E	QUIPMENT	Lino
Capacity of Substation (In Service) (In MVa)	Transformers	Spare		Type of Equi		1	Total Capacity	Line No.
	In Service	Transform	ners	i ype oi Equi	pinent	Number of Units	(In MVa)	INO.
(f)	(g)	(h)		(i)		(j)	` (k) ´	
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Name of Respondent		This	Repor	t Is:	Date of Re	'r\	ear/Period of Repor	
Duke Energy Carolinas, LL	.C	(1)	ΠA	n Original Resubmission	(Mo, Da, Y 04/12/2018		End of2017/Q4	-
5. Oh in a sharen a (1)	/;\ /(1-\;1			STATIONS (Continued)	-4:£:			-1 6
5. Show in columns (I), increasing capacity.	(j), and (k) special e	quipment s	ucn a	s rotary converters, re	ctifiers, condei	nsers, etc. and	auxiliary equipmer	nt for
6. Designate substations	s or major items of a	equinment l	ease	t from others, jointly o	wned with othe	ers or operated	otherwise than by	
reason of sole ownership								
period of lease, and ann								
of co-owner or other part	ty, explain basis of s	sharing exp	ense	or other accounting b	etween the pa	rties, and state	amounts and acco	ounts
affected in respondent's	books of account.	Specify in e	ach c	ase whether lessor, co	o-owner, or oth	er party is an as	ssociated company	y.
	Number of	Numbe	r of	0011/500	ION ADDADAT	IO AND ODEOLAL	FOLUDATA	_
Capacity of Substation	Transformers	Spare				JS AND SPECIAL		Line
(In Service) (In MVa)	In Service	Transforr		Type of Equ	ipment	Number of Unit	S Total Capacity (In MVa)	No.
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3				1				36
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Name of Respondent		This F	Report Is	S: Original	Date of Re	port		ar/Period of Repor	
Duke Energy Carolinas, LL	.C	(1)		esubmission TATIONS (Continued)	(Mo, Da, Y 04/12/2018		End	d of2017/Q4	-
F. Chavrin calumana (I)	(i) and (k) anasial a				tifiana aandan		d	vilian i anvinana	-+ f
<ul><li>5. Show in columns (I), increasing capacity.</li><li>6. Designate substation</li></ul>				•					
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 a	n asso	ociated company	y.
Capacity of Substation	Number of Transformers	Number		CONVERSION	ON APPARATU	IS AND SPE	CIAL E	QUIPMENT	Line
(In Service) (In MVa)	In Service	Spare Transform		Type of Equi	pment	Number of	Units	Total Capacity	No.
(f)	(g)	(h)		(i)		(j)		(In MVa) (k)	
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Duble Energy Carolinas, LLC   2    A Resubmission   04/12/2018   21/12	Name of Respondent		This I	Report	: ls: Original	Date of Re	eport		ar/Period of Repor	
5. Show in columns (i), (ii), and (ix) special equipment such as rotary converters, rectiflers, 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 ty 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 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 occovers 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 M/va)  Taristomers	Duke Energy Carolinas, LL	С		ПΑ	Resubmission			End	d of2017/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 sole ownership by the respondent. For any substation or equipment operated under lease, give name of sole ownership by the respondent. For any substation or equipment operated under han 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 Mva) are considered in Service (In Mva) and the service (In Mva) are considered in Service (In Mva) (In M	F. Chavein calumns (I)	(i) and (k) anasial a			' '	atificus as ada			wiliam ( a surisma a s	
period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give rand or co-owner or other party, substation of co-owner or other party, substation of co-owner or other party. Sole ownership or lease, give rand 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 May)   In Service (in Service) (in May)   In Service (in Service) (in May)   In Service (in Service) (in May)   In Service (in Service) (in May)   In Service (in Service) (in May)   In Service (in Service) (in May)   In Service (in Service) (in May)   In Service (in Service) (in May)   In Service (in Service) (in May)   In Service (in Service) (in May)   In Service (in Service) (in May)   In Service (in Service) (in May)   In Service (in May)   In Service (in Service) (in May)   In Service (in May)   In S	increasing capacity. 6. Designate substations	s or major items of e	equipment I	eased	I from others, jointly ov	wned with othe	ers, 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 annu	ual rent. For any su	bstation or	equip	ment operated other t	han by reason	of sole owi	nership	or lease, give n	name
Transformes   In Service   (in Mv4)   (in Service   (in Service)   (in Mv4)   (in Service   (in Mv4)   (in Service)   (in Se										
Transformes   In Service   (in Mv4)   (in Service   (in Service)   (in Mv4)   (in Service   (in Mv4)   (in Service)   (in Se		Number of	Numba	r of	00111500		10 4110 000	=	0.1.1151.15	_
(h) (g) (h) (i) (j) (in/My) (k) (k) (l) (l) (l) (l) (l) (l) (l) (l) (l) (l		Transformers	Spare	Э						Line
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12 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1	1								2:
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12 1		1								39
		1								40

Name of Respondent		This I	Repo	rt Is:	Date of Re	r\	Year/Period of Repor	
Duke Energy Carolinas, LL	С	(1)	ΠA	n Original Resubmission	(Mo, Da, Y 04/12/2018		End of2017/Q4	-
F. Chavein calcumns (I)	(i) and (k) anasial a			BSTATIONS (Continued)	atifia na agrada		l accellant a seriana	
<ul><li>5. Show in columns (I), (increasing capacity.</li><li>6. Designate substations</li></ul>				•				
reason of sole ownership								
period of lease, and annu								
of co-owner or other part								
affected in respondent's	books of account. S	Specify in e	ach (	case whether lessor, co	-owner, or oth	er party is an a	associated company	<b>y</b> .
	Number of	Numbe	r of	0011/500		10 AND 005014	LEGUIDMENT	
Capacity of Substation	Transformers	Spare				JS AND SPECIA		Line
(In Service) (In MVa)	In Service	Transform		Type of Equi	pment	Number of Un	its Total Capacity (In MVa)	No.
(f)	(g)	(h)		(i)		(j)	` (k) ´	_
12	1							
3				1				2
3	1							3
3	1							4
3	1							į
2				1				6
2	1							7
2	1							8
2	1							(
12	1							10
12	1							1
4	1							12
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4	1							14
12	1							15
20	1							16
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20	1							18
20	1							19
12	1							20
12	1							2
12	1							22
12	1							23
12	1				SS			24
20	1							25
20	1							26
20	1				SS			27
								28
40	1				SS			29
13								30
13	1							3.
20	1				RAC			32
	1				RAC			33
20								34
2	1							35
2	1							36
3	1			4				3
2				1				38
3	1							39
3	1							
3	1							40

Name of Respondent		This	Rep	ort I	S: Original	Date of Re	port		ar/Period of Repor	
Duke Energy Carolinas, LL	С	(1)		A R	Original esubmission	(Mo, Da, Y 04/12/2018		End	d of2017/Q4	-
5 Oh : 1 (1)	(*)				TATIONS (Continued)					
5. Show in columns (I), (increasing capacity.	(j), and (k) special e	quipment s	uch	as	rotary converters, rec	ctifiers, conder	nsers, etc.	and au	xiliary equipmer	nt for
6. Designate substations	s or maior items of e	equipment l	eas	ed t	from others, jointly ow	ned with othe	rs, or opera	ated of	nerwise than by	
reason of sole ownership										
period of lease, and annu	ual rent. For any su	ıbstation or	equ	ıipn	nent operated other th	nan by reason	of sole owr	nership	or lease, give n	name
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 a	an asso	ociated company	<b>√</b> .
	Number of	Numbe	r of		CONVERC	ON APPARATU	IC AND CDE	CIAL E	OLUDMENT	_
Capacity of Substation (In Service) (In MVa)	Transformers	Spare	е						Total Capacity	Line No.
	In Service	Transforr	ners	;	Type of Equi	pmem	Number of	Units	(In MVa)	INO.
(f)	(g)	(h)			(i)		(j)		(k)	<del> </del>
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10	1					STU				1:
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10	1					STU				17
10	1					STU				18
	1									19
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10	1									2
12	1									28
20	1									29
10	1									30
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10	1									3
	1									36
13	1									37
12	1									38
12	1									39
12	1									40

Name of Respondent		This I	Repor	t Is: n Original	Date of Re (Mo, Da, Y	eport		ar/Period of Repor	
Duke Energy Carolinas, LL	С	(1)	ΠA	Resubmission	04/12/201		End	d of2017/Q4	-
5 01 1 1 1	(1)			STATIONS (Continued)					
<ul><li>5. Show in columns (I), (increasing capacity.</li><li>6. Designate substations reason of sole ownership</li></ul>	s or major items of e	equipment l	ease	d from others, jointly ov	vned with othe	ers, or opera	ated otl	nerwise than by	
period of lease, and annu- of co-owner or other part	ual rent. For any su	bstation or	equip	ment operated other the	nan by reason	of sole ow	nership	or lease, give n	name
affected in respondent's									
Capacity of Substation	Number of Transformers	Number Spare		CONVERSI	ON APPARATI	JS AND SPE	ECIAL E		Line
(In Service) (In MVa) (f)	In Service (g)	Transform (h)		Type of Equi	pment	Number o	f Units	Total Capacity (In MVa) (k)	No.
12	1	( )		(/		0/		( )	
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20	1								2
12	1								2
4				1					2
4	1								2
4	1								2
4	1								2
1				1					3
1	1								3
1	1								32
1	1								3
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4	1								30
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12	1								38
12	1								39
12	1								40
									<u> </u>

Name of Respondent		This (1)	Repo	ort Is	:: Priginal	Date of Re (Mo, Da, Y	port		r/Period of Report	
Duke Energy Carolinas, LL	.C	(2)		4 Re	submission ATIONS (Continued)	04/12/2018		End	l of2017/Q4	
5 Show in columns (I)	(i) and (k) special o	auinmont e			` '	tifiors condor	seare ata 1	and au	viliany oquinmon	t for
5. Show in columns (I), increasing capacity.					•					it for
6. Designate substation										
reason of sole ownership period of lease, and ann										
of co-owner or other par										
affected in respondent's										
anected in respondent's	books of account.	specify in e	acn	cas	e whether lessor, co-	-owner, or our	er party is a	iii assc	cialed company	· -
Composity of Cyclestation	Number of	Numbe	er of		CONVERSION	ON APPARATU	IS AND SPE	CIAL F	OLIPMENT	Ī. :
Capacity of Substation (In Service) (In MVa)	Transformers	Spar	re		Type of Equi				Total Capacity	Line No.
	In Service	Transfor				pinent	Number of	Units	(In MVa)	110.
(f)	(g)	(h)			(i)		(j)		(k)	
200	1									ľ
200	1									2
448	1									,
300	1									-
200	1									!
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•	1								20.072	
29	1					GND		1	28,672	
300	1									3
10	1					GND		1	9,561	
20	1									10
11	1									1
20	1									12
20	1									13
20	1									14
20	1									15
	1									16
20	1									17
300	1									
300	1									18
300	1									19
1	1					AUX				20
29	1					GND		1	28,672	2
29	1					GND		1	28,672	22
8	1									23
8	1									24
12	1									25
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30										28
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15	1					STU				34
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6	1									40
	· · · · · · · · · · · · · · · · · · ·									•

Name of Respondent		This F   (1)	Report	s: Original	Date of Re (Mo, Da, Y	'r\	ar/Period of Repor	
Duke Energy Carolinas, L	LC	(2)	☐A R	esubmission	04/12/2018		d of2017/Q4	,
5. Ob in anti-man (I)	(i)			TATIONS (Continued)				
5. Show in columns (I), increasing capacity.	(J), and (K) special e	equipment si	ucn as	rotary converters, rec	ctitiers, conde	nsers, etc. and at	ıxıllary equipmer	it for
6. Designate substation	ns or major items of e	equipment l	eased	from others, jointly ov	vned with othe	ers or operated of	herwise 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	ach ca	se whether lessor, co	-owner, or oth	er party is an ass	ociated company	<b>/</b> .
	Alicenter of	Niconale		T				_
Capacity of Substation	Number of Transformers	Number Spare				JS AND SPECIAL E		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)	(k)	
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Name	e of Respondent	I (1) □∇ Δη Original I (Mo Da Vr)		od of Report 2017/Q4		
Duke	Energy Carolinas, LLC	(2)	A Resubmission	04/12/2018	End of	
1 Re	port below the information called for concerning a		WITH ASSOCIATED (AFFI	•	ssociated (affiliate	d) companies
2. The an atte	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	50,000. T ds and se ecific cate	the threshold applies to the are ervices. The good or service regory such as "general".	nnual amount billed to the must be specific in nature	e respondent or bi e. Respondents sh	lled to nould not
		`	Name	e of	Account	Amount
Line No.	Description of the Non-Power Good or Servi	ice	Associated Comp (b)	pany	Charged or Credited (c)	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	1,066,455,330
3	Goods and svcs provided by North/South Ins. Co	).	North/Sc	outh Insurance Co.	Various	6,735,227
4						
5						
6	Generation services		Duke Ene	ergy Progress, Inc.	Various	32,702,337
7	Transmission and Distribution services		Duke Ene	ergy Progress, Inc.	Various	21,237,560
8	Customer & Market services		Duke Ene	ergy Progress, Inc.	Various	3,658,074
9	Other goods and services		Duke Ene	ergy Progress, Inc.	Various	3,381,801
10						
11	Generation services		Duke E	nergy Florida, Inc.	Various	750,964
12	Transmission and Distribution services			nergy Florida, Inc.	Various	3,465,426
13	Customer & Market services			nergy Florida, Inc.	Various	1,148,307
14	Other goods and services			nergy Florida, Inc.	Various	387,606
15	<b>3</b>			3, 111, 1		
16	Generation services		Duke E	nergy Indiana, Inc.	Various	894,207
17	Transmission and Distribution services			nergy Indiana, Inc.	Various	276,927
18	Customer & Market services			nergy Indiana, Inc.	Various	36,613
19	Other goods and services			nergy Indiana, Inc.	Various	98,517
20	Non-power Goods or Services Provided for A	ffiliata	Bake E	norgy maiana, me.	Various	00,011
21	Services provided to DE Business Services, LLC		Duke Energy Busin	ness Services I.I.C.	Various	21,086,038
22	Corridos providos to BE Basiness corridos, EES		Dano Energy Buen	1000 00111000 220	various	21,000,000
23	Generation services		Duke Ene	ergy Progress, Inc.	Various	377,790,268
24	Transmission and Distribution services			ergy Progress, Inc.	Various	22,485,860
25	Customer & Market services			ergy Progress, Inc.	Various	42,602,671
26	Other goods and services			ergy Progress, Inc.	Various	35,774,917
27	Carlot goode and convices		Bano Lin	, , , , , , , , , , , , , , , , , , ,	various	
28	Generation services		Duke F	nergy Florida, Inc.	Various	29,253,698
29	Transmission and Distribution services			nergy Florida, Inc.	Various	19,161,651
30	Customer & Market services			nergy Florida, Inc.	Various	17,887,880
31	Other goods and services			nergy Florida, Inc.	Various	4,974,636
32	Carlot goods and services		Dunc L	inergy Frenda, inc.	Various	4,074,000
33	Generation services		Duke F	nergy Indiana, Inc.	Various	79,817,561
34	Transmission and Distribution services			nergy Indiana, Inc.	Various	8,972,502
35	Customer & Market services			nergy Indiana, Inc.	Various	21,218,186
36	Other goods and services			nergy Indiana, Inc.	Various	3,161,396
37	Other goods and services		Duke L	nergy maiana, me.	Various	0,101,000
	Generation services		Duke Ene	ergy Kentucky, Inc.	Various	13,030,245
38	Transmission and Distribution services			ergy Kentucky, Inc.	Various	2,642,573
39	Customer & Market services			ergy Kentucky, Inc.	Various	5,447,988
40	Other goods and services			ergy Kentucky, Inc.	Various	1,796,092
41	Canon goods and solvious		Duke Lile	agy Romaony, mo.	various	1,790,092
42	Non mayor Coods or Comday, Burdded 1	GGIII:a4c -1				
7	Non-power Goods or Services Provided by At Other goods and services	iiiiatea	Duko	Energy Ohio, Inc.	Various	2,942
2	Caror goods and services		Duke	Lifely Offic, file.	various	2,342

Name	e of Respondent	This R	epoi	rt Is: n Original	Date of Report (Mo, Da, Yr)	١		
Duke	Energy Carolinas, LLC	(2)		Resubmission	04/12/2018	End of201		2017/Q4
	TRANSA	CTION	S WI	TH ASSOCIATED (AFFIL	IATED) COMPAN	ANIES		
2. The an atte	port 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 associated.	0,000. The design of the desig	he tervion	hreshold applies to the and ces. The good or service may such as "general".	nual amount billed nust be specific in r	to the rea	spondent or b espondents st	illed to nould not
Line No.	Description of the Non-Power Good or Servi (a)	се		Name Associated/ Compa (b)	Affiliated	Ch	Account narged or Credited (c)	Amount Charged or Credited (d)
3	Transmission and Distribution services			` '	Energy Ohio, Inc.		Various	390,851
4	Customer & Market services				Energy Ohio, Inc.		Various	78,468
5	Gas Distribution Services				Energy Ohio, Inc.		Various	148,316
6					- 3,, -			-,-
7	Gas Distribution Services			Pied	mont Natural Gas		Various	11,615,009
8								
9	Other goods and services			Duke	Energy One, Inc.		Various	298,772
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20	Non-power Goods or Services Provided for A	ffiliate						
21	Generation services			Duke	Energy Ohio, Inc.		Various	286,673
22	Transmission and Distribution services			Duke	Energy Ohio, Inc.		Various	7,656,903
23	Customer & Market services				Energy Ohio, Inc.		Various	17,148,151
24	Other goods and services			Duke	Energy Ohio, Inc.		Various	583,990
25								
26	Generation services				mont Natural Gas		Various	80,242
27	Transmission and Distribution services				mont Natural Gas		Various	138,311
28	Customer & Market services				mont Natural Gas		Various	124,410
29	Other goods and services			Piedi	mont Natural Gas		Various	136,429
30								
31								
32								
33								
34 35								
36								
37								
38								
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40								
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42								
				<u> </u>				

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	04/12/2018	2017/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	04/12/2018	2017/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.: 11 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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