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Duke Energy CORP
Form 10-Q
November 02, 2018

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549
FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended September 30, 2018

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number	Registrant, State of Incorporation or Organization, Address of Principal Executive Offices and Telephone Number	IRS Employer Identification No.
1-32853	DUKE ENERGY CORPORATION (a Delaware corporation) 550 South Tryon Street Charlotte, North Carolina 28202-1803 704-382-3853	20-2777218
1-4928	DUKE ENERGY CAROLINAS, LLC (a North Carolina limited liability company) 526 South Church Street Charlotte, North Carolina 28202-1803 704-382-3853 56-0205520	DUKE ENERGY FLORIDA, LLC (a Florida limited liability company) 299 First Avenue North St. Petersburg, Florida 33701 704-382-3853 59-0247770
1-15929	PROGRESS ENERGY, INC. (a North Carolina corporation) 410 South Wilmington Street Raleigh, North Carolina 27601-1748 704-382-3853 56-2155481	DUKE ENERGY OHIO, INC. (an Ohio corporation) 139 East Fourth Street Cincinnati, Ohio 45202 704-382-3853 31-0240030
1-3382	DUKE ENERGY PROGRESS, LLC (a North Carolina limited liability company) 410 South Wilmington Street Raleigh, North Carolina 27601-1748 704-382-3853 56-0165465	DUKE ENERGY INDIANA, LLC (an Indiana limited liability company) 1000 East Main Street Plainfield, Indiana 46168 704-382-3853 35-0594457
1-6196		

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PIEDMONT NATURAL GAS
COMPANY, INC.
(a North Carolina corporation)
4720 Piedmont Row Drive
Charlotte, North Carolina 28210
704-364-3120
56-0556998

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Duke Energy Corporation (Duke Energy)	Yes x No ..	Duke Energy Florida, LLC (Duke Energy Florida)	Yes x No ..
Duke Energy Carolinas, LLC (Duke Energy Carolinas)	Yes x No ..	Duke Energy Ohio, Inc. (Duke Energy Ohio)	Yes x No ..
Progress Energy, Inc. (Progress Energy)	Yes x No ..	Duke Energy Indiana, LLC (Duke Energy Indiana)	Yes x No ..
Duke Energy Progress, LLC (Duke Energy Progress)	Yes x No ..	Piedmont Natural Gas Company, Inc. (Piedmont)	Yes x No ..

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Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

Duke Energy Yes ☒ No ☐ Duke Energy Florida Yes ☒ No ☐
Duke Energy Carolinas Yes ☒ No ☐ Duke Energy Ohio Yes ☒ No ☐
Progress Energy Yes ☒ No ☐ Duke Energy Indiana Yes ☒ No ☐
Duke Energy Progress Yes ☒ No ☐ Piedmont Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Duke Energy	Large accelerated filer <input checked="" type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input type="checkbox"/>	Smaller reporting company <input type="checkbox"/>	Emerging Growth Company <input type="checkbox"/>
Duke Energy Carolinas	Large accelerated filer <input type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input checked="" type="checkbox"/>	Smaller reporting company <input type="checkbox"/>	Emerging Growth Company <input type="checkbox"/>
Progress Energy	Large accelerated filer <input type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input checked="" type="checkbox"/>	Smaller reporting company <input type="checkbox"/>	Emerging Growth Company <input type="checkbox"/>
Duke Energy Progress	Large accelerated filer <input type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input checked="" type="checkbox"/>	Smaller reporting company <input type="checkbox"/>	Emerging Growth Company <input type="checkbox"/>
Duke Energy Florida	Large accelerated filer <input type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input checked="" type="checkbox"/>	Smaller reporting company <input type="checkbox"/>	Emerging Growth Company <input type="checkbox"/>
Duke Energy Ohio	Large accelerated filer <input type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input checked="" type="checkbox"/>	Smaller reporting company <input type="checkbox"/>	Emerging Growth Company <input type="checkbox"/>
Duke Energy Indiana	Large accelerated filer <input type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input checked="" type="checkbox"/>	Smaller reporting company <input type="checkbox"/>	Emerging Growth Company <input type="checkbox"/>
Piedmont	Large accelerated filer <input type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input checked="" type="checkbox"/>	Smaller reporting company <input type="checkbox"/>	Emerging Growth Company <input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Duke Energy Yes ☐ No ☒ Duke Energy Florida Yes ☐ No ☒
Duke Energy Carolinas Yes ☐ No ☒ Duke Energy Ohio Yes ☐ No ☒
Progress Energy Yes ☐ No ☒ Duke Energy Indiana Yes ☐ No ☒
Duke Energy Progress Yes ☐ No ☒ Piedmont Yes ☐ No ☒

Number of shares of Common stock outstanding at October 31, 2018:

Registrant	Description	Shares
Duke Energy	Common stock, \$0.001 par value	712,877,558

This combined Form 10-Q is filed separately by eight registrants: Duke Energy, Duke Energy Carolinas, Progress Energy, Duke Energy Progress, Duke Energy Florida, Duke Energy Ohio, Duke Energy Indiana and Piedmont (collectively the Duke Energy Registrants). Information contained herein relating to any individual registrant is filed by such registrant solely on its own behalf. Each registrant makes no representation as to information relating

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exclusively to the other registrants.

Duke Energy Carolinas, Progress Energy, Duke Energy Progress, Duke Energy Florida, Duke Energy Ohio, Duke Energy Indiana and Piedmont meet the conditions set forth in General Instructions H(1)(a) and (b) of Form 10-Q and are therefore filing this form with the reduced disclosure format specified in General Instructions H(2) of Form 10-Q.

TABLE OF CONTENTS

Cautionary Statement Regarding Forward-Looking Information

PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

<u>Duke Energy Corporation Financial Statements</u>	<u>6</u>
<u>Duke Energy Carolinas, LLC Financial Statements</u>	<u>11</u>
<u>Progress Energy, Inc. Financial Statements</u>	<u>15</u>
<u>Duke Energy Progress, LLC Financial Statements</u>	<u>19</u>
<u>Duke Energy Florida, LLC Financial Statements</u>	<u>23</u>
<u>Duke Energy Ohio, Inc. Financial Statements</u>	<u>27</u>
<u>Duke Energy Indiana, LLC Financial Statements</u>	<u>31</u>
<u>Piedmont Natural Gas Company, Inc. Financial Statements</u>	<u>35</u>
<u>Combined Notes to Condensed Consolidated Financial Statements</u>	
Note 1 – Organization and Basis of Presentation	<u>39</u>
Note 2 – Business Segments	<u>43</u>
Note 3 – Regulatory Matters	<u>47</u>
Note 4 – Commitments and Contingencies	<u>59</u>
Note 5 – Debt and Credit Facilities	<u>64</u>
Note 6 – Asset Retirement Obligations	<u>66</u>
Note 7 – Goodwill	<u>67</u>
Note 8 – Related Party Transactions	<u>68</u>
Note 9 – Derivatives and Hedging	<u>69</u>
Note 10 – Investments in Debt and Equity Securities	<u>75</u>
Note 11 – Fair Value Measurements	<u>81</u>
Note 12 – Variable Interest Entities	<u>89</u>
Note 13 – Revenue	<u>93</u>
Note 14 – Common Stock	<u>98</u>
Note 15 – Stock-Based Compensation	<u>100</u>
Note 16 – Employee Benefit Plans	<u>100</u>
Note 17 – Income Taxes	<u>104</u>
Note 18 – Subsequent Events	<u>105</u>

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations 106

Item 3. Quantitative and Qualitative Disclosures About Market Risk 136

Item 4. Controls and Procedures 136

PART II. OTHER INFORMATION

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<u>Item 1. Legal Proceedings</u>	<u>137</u>
<u>Item 1A. Risk Factors</u>	<u>137</u>
<u>Item 2. Unregistered Sales of Equity Securities and Use of Proceeds</u>	<u>137</u>
<u>Item 6. Exhibits</u>	<u>138</u>
<u>Signatures</u>	<u>141</u>

CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING INFORMATION

This document includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements are based on management's beliefs and assumptions and can often be identified by terms and phrases that include "anticipate," "believe," "intend," "estimate," "expect," "continue," "should," "could," "may," "plan," "project," "predict," "will," "potential," "forecast," "target" or other similar terminology. Various factors may cause actual results to be materially different than the suggested outcomes within forward-looking statements; accordingly, there is no assurance that such results will be realized.

These factors include, but are not limited to:

State, federal and foreign legislative and regulatory initiatives, including costs of compliance with existing and future environmental requirements, including those related to climate change, as well as rulings that affect cost and investment recovery or have an impact on rate structures or market prices;

The extent and timing of costs and liabilities to comply with federal and state laws, regulations and legal requirements related to coal ash remediation, including amounts for required closure of certain ash impoundments, are uncertain and difficult to estimate;

The ability to recover eligible costs, including amounts associated with coal ash impoundment retirement obligations and costs related to significant weather events, and to earn an adequate return on investment through rate case proceedings and the regulatory process;

The costs of decommissioning Crystal River Unit 3 and other nuclear facilities could prove to be more extensive than amounts estimated and all costs may not be fully recoverable through the regulatory process;

Costs and effects of legal and administrative proceedings, settlements, investigations and claims;

Industrial, commercial and residential growth or decline in service territories or customer bases resulting from sustained downturns of the economy and the economic health of our service territories or variations in customer usage patterns, including energy efficiency efforts and use of alternative energy sources, such as self-generation and distributed generation technologies;

Federal and state regulations, laws and other efforts designed to promote and expand the use of energy efficiency measures and distributed generation technologies, such as private solar and battery storage, in Duke Energy service territories could result in customers leaving the electric distribution system, excess generation resources as well as stranded costs;

Advancements in technology;

Additional competition in electric and natural gas markets and continued industry consolidation;

The influence of weather and other natural phenomena on operations, including the economic, operational and other effects of severe storms, hurricanes, droughts, earthquakes and tornadoes, including extreme weather associated with climate change;

The ability to successfully operate electric generating facilities and deliver electricity to customers including direct or indirect effects to the company resulting from an incident that affects the U.S. electric grid or generating resources;

The ability to obtain the necessary permits and approvals and to complete necessary or desirable pipeline expansion or infrastructure projects in our natural gas business;

Operational interruptions to our natural gas distribution and transmission activities;

The availability of adequate interstate pipeline transportation capacity and natural gas supply;

The impact on facilities and business from a terrorist attack, cybersecurity threats, data security breaches and other catastrophic events, such as fires, explosions, pandemic health events or other similar occurrences;

The inherent risks associated with the operation of nuclear facilities, including environmental, health, safety, regulatory and financial risks, including the financial stability of third-party service providers;

The timing and extent of changes in commodity prices and interest rates and the ability to recover such costs through the regulatory process, where appropriate, and their impact on liquidity positions and the value of underlying assets;

The results of financing efforts, including the ability to obtain financing on favorable terms, which can be affected by various factors, including credit ratings, interest rate fluctuations, compliance with debt covenants and conditions and general market and economic conditions;

Credit ratings of the Duke Energy Registrants may be different from what is expected;

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Declines in the market prices of equity and fixed-income securities and resultant cash funding requirements for defined benefit pension plans, other post-retirement benefit plans and nuclear decommissioning trust funds;
Construction and development risks associated with the completion of the Duke Energy Registrants' capital investment projects, including risks related to financing, obtaining and complying with terms of permits, meeting construction budgets and schedules and satisfying operating and environmental performance standards, as well as the ability to recover costs from customers in a timely manner, or at all;
Changes in rules for regional transmission organizations, including changes in rate designs and new and evolving capacity markets, and risks related to obligations created by the default of other participants;
The ability to control operation and maintenance costs;
The level of creditworthiness of counterparties to transactions;
Employee workforce factors, including the potential inability to attract and retain key personnel;
The ability of subsidiaries to pay dividends or distributions to Duke Energy Corporation holding company (the Parent);
The performance of projects undertaken by our nonregulated businesses and the success of efforts to invest in and develop new opportunities;

The effect of accounting pronouncements issued periodically by accounting standard-setting bodies;
The impact of new U.S. tax legislation to our financial condition, results of operations or cash flows and our credit ratings;

The impacts from potential impairments of goodwill or equity method investment carrying values; and

The ability to implement our business strategy.

Additional risks and uncertainties are identified and discussed in the Duke Energy Registrants' reports filed with the SEC and available at the SEC's website at sec.gov. In light of these risks, uncertainties and assumptions, the events described in the forward-looking statements might not occur or might occur to a different extent or at a different time than described. Forward-looking statements speak only as of the date they are made and the Duke Energy Registrants expressly disclaim an obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

PART I. FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

DUKE ENERGY CORPORATION

Condensed Consolidated Statements of Operations

(Unaudited)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
(in millions, except per-share amounts)				
Operating Revenues				
Regulated electric	\$6,216	\$6,091	\$16,678	\$16,122
Regulated natural gas	230	247	1,221	1,168
Nonregulated electric and other	182	144	507	476
Total operating revenues	6,628	6,482	18,406	17,766
Operating Expenses				
Fuel used in electric generation and purchased power	1,931	1,863	5,181	4,853
Cost of natural gas	58	68	460	402
Operation, maintenance and other	1,584	1,476	4,592	4,385
Depreciation and amortization	1,039	900	2,979	2,594
Property and other taxes	323	313	954	924
Impairment charges	124	207	339	216
Total operating expenses	5,059	4,827	14,505	13,374
Gains (Losses) on Sales of Other Assets and Other, net	10	6	(87)	24
Operating Income	1,579	1,661	3,814	4,416
Other Income and Expenses				
Equity in earnings of unconsolidated affiliates	37	36	49	101
Other income and expenses, net	131	122	327	358
Total other income and expenses	168	158	376	459
Interest Expense	517	498	1,550	1,475
Income From Continuing Operations Before Income Taxes	1,230	1,321	2,640	3,400
Income Tax Expense From Continuing Operations	168	364	449	1,035
Income From Continuing Operations	1,062	957	2,191	2,365
Income (Loss) From Discontinued Operations, net of tax	4	(2)	(1)	(4)
Net Income	1,066	955	2,190	2,361
Less: Net (Loss) Income Attributable to Noncontrolling Interests	(16)	1	(12)	5
Net Income Attributable to Duke Energy Corporation	\$1,082	\$954	\$2,202	\$2,356
Earnings Per Share – Basic and Diluted				
Income from continuing operations attributable to Duke Energy Corporation common stockholders				
Basic	\$1.51	\$1.36	\$3.12	\$3.37
Diluted	\$1.51	\$1.36	\$3.11	\$3.37
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				

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Basic	\$1.51	\$1.36	\$3.12	\$3.36
Diluted	\$1.51	\$1.36	\$3.11	\$3.36
Weighted average shares outstanding				
Basic	713	700	705	700
Diluted	714	700	706	700

See Notes to Condensed Consolidated Financial Statements

6

PART I

DUKE ENERGY CORPORATION

Condensed Consolidated Statements of Comprehensive Income
(Unaudited)

	Three Months Ended September 30,		Nine Months Ended September 30,	
(in millions)	2018	2017	2018	2017
Net Income	\$1,066	\$955	\$2,190	\$2,361
Other Comprehensive Income, net of tax				
Pension and OPEB adjustments	1	—	3	2
Net unrealized (losses) gains on cash flow hedges	(3	) 2	10	(2)
Reclassification into earnings from cash flow hedges	6	(2)	5	3
Unrealized (losses) gains on available-for-sale securities	—	2	(5)	10
Other Comprehensive Income, net of tax	4	2	13	13
Comprehensive Income	1,070	957	2,203	2,374
Less: Comprehensive (Loss) Income Attributable to Noncontrolling Interests	(16)	1	(12)	5
Comprehensive Income Attributable to Duke Energy Corporation	\$1,086	\$956	\$2,215	\$2,369

See Notes to Condensed Consolidated Financial Statements

PART I

DUKE ENERGY CORPORATION

Condensed Consolidated Balance Sheets

(Unaudited)

(in millions)

ASSETS

Current Assets

Cash and cash equivalents	\$ 303	\$ 358
---------------------------	--------	--------

Receivables (net of allowance for doubtful accounts of \$17 at 2018 and \$14 at 2017)	682	779
---	-----	-----

Receivables of VIEs (net of allowance for doubtful accounts of \$55 at 2018 and \$54 at 2017)	2,397	1,995
---	-------	-------

Inventory	3,140	3,250
-----------	-------	-------

Regulatory assets (includes \$52 at 2018 and \$51 at 2017 related to VIEs)	1,906	1,437
--	-------	-------

Other	1,092	634
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Total current assets	9,520	8,453
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Property, Plant and Equipment

Cost	132,677	127,507
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Accumulated depreciation and amortization	(43,200)	(41,537)
---	----------	----------

Generation facilities to be retired, net	388	421
--	-----	-----

Net property, plant and equipment	89,865	86,391
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Other Noncurrent Assets

Goodwill	19,303	19,396
----------	--------	--------

Regulatory assets (includes \$1,055 at 2018 and \$1,091 at 2017 related to VIEs)	12,616	12,442
--	--------	--------

Nuclear decommissioning trust funds	7,421	7,097
-------------------------------------	-------	-------

Investments in equity method unconsolidated affiliates	1,328	1,175
--	-------	-------

Other	3,112	2,960
-------	-------	-------

Total other noncurrent assets	43,780	43,070
-------------------------------	--------	--------

Total Assets	\$ 143,165	\$ 137,914
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LIABILITIES AND EQUITY

Current Liabilities

Accounts payable	\$ 3,234	\$ 3,043
------------------	----------	----------

Notes payable and commercial paper	2,891	2,163
------------------------------------	-------	-------

Taxes accrued	674	551
---------------	-----	-----

Interest accrued	557	525
------------------	-----	-----

Current maturities of long-term debt (includes \$228 at 2018 and \$225 at 2017 related to VIEs)	3,455	3,244
---	-------	-------

Asset retirement obligations	902	689
------------------------------	-----	-----

Regulatory liabilities	506	402
------------------------	-----	-----

Other	1,703	1,865
-------	-------	-------

Total current liabilities	13,922	12,482
---------------------------	--------	--------

Long-Term Debt (includes \$4,015 at 2018 and \$4,306 at 2017 related to VIEs)	50,507	49,035
---	--------	--------

Other Noncurrent Liabilities

Deferred income taxes	7,765	6,621
-----------------------	-------	-------

Asset retirement obligations	9,354	9,486
------------------------------	-------	-------

Regulatory liabilities	15,587	15,330
------------------------	--------	--------

Accrued pension and other post-retirement benefit costs	1,001	1,103
---	-------	-------

Investment tax credits	539	539
------------------------	-----	-----

Other	1,477	1,581
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Total other noncurrent liabilities	35,723	34,660
Commitments and Contingencies		
Equity		
Common stock, \$0.001 par value, 2 billion shares authorized; 713 million shares outstanding at 2018 and 700 million shares outstanding at 2017	1	1
Additional paid-in capital	39,747	38,792
Retained earnings	3,313	3,013
Accumulated other comprehensive loss	(66	) (67)
Total Duke Energy Corporation stockholders' equity	42,995	41,739
Noncontrolling interests	18	(2)
Total equity	43,013	41,737
Total Liabilities and Equity	\$ 143,165	\$ 137,914

See Notes to Condensed Consolidated Financial Statements

8

PART I

DUKE ENERGY CORPORATION

Condensed Consolidated Statements of Cash Flows
(Unaudited)

	Nine Months Ended September 30,	
(in millions)	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$2,190	\$2,361
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation, amortization and accretion (including amortization of nuclear fuel)	3,447	2,990
Equity component of AFUDC	(175)	(175)
Losses (gains) on sales of other assets	87	(28)
Impairment charges	339	216
Deferred income taxes	1,099	1,016
Equity in earnings of unconsolidated affiliates	(49)	(101)
Accrued pension and other post-retirement benefit costs	46	19
Contributions to qualified pension plans	(141)	(8)
Payments for asset retirement obligations	(389)	(420)
Payment for disposal of other assets	(105)	—
Other rate case adjustments	37	—
Provision for rate refunds	375	—
(Increase) decrease in		
Net realized and unrealized mark-to-market and hedging transactions	15	4
Receivables	(288)	80
Inventory	104	248
Other current assets	(648)	(210)
Increase (decrease) in		
Accounts payable	389	(554)
Taxes accrued	122	233
Other current liabilities	(180)	(532)
Other assets	(585)	(159)
Other liabilities	(23)	(2)
Net cash provided by operating activities	5,667	4,978
CASH FLOWS FROM INVESTING ACTIVITIES		
Capital expenditures	(6,752)	(5,841)
Contributions to equity method investments	(298)	(370)
Purchases of debt and equity securities	(2,763)	(3,170)
Proceeds from sales and maturities of debt and equity securities	2,718	3,199
Other	(175)	(149)
Net cash used in investing activities	(7,270)	(6,331)
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from the:		
Issuance of long-term debt	4,110	5,710
Issuance of common stock	834	—
Payments for the redemption of long-term debt	(2,278)	(2,035)
Proceeds from the issuance of short-term debt with original maturities greater than 90 days	243	265
Payments for the redemption of short-term debt with original maturities greater than 90 days	(207)	(237)

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Notes payable and commercial paper	638	(647)
Dividends paid	(1,835)	(1,825)
Other	42	8
Net cash provided by financing activities	1,547	1,239
Net decrease in cash, cash equivalents and restricted cash	(56)	(114)
Cash, cash equivalents and restricted cash at beginning of period	505	541
Cash, cash equivalents and restricted cash at end of period	\$449	\$427
Supplemental Disclosures:		
Significant non-cash transactions:		
Accrued capital expenditures	\$1,016	\$740
Non-cash dividends	79	—

See Notes to Condensed Consolidated Financial Statements

9

PART I

DUKE ENERGY CORPORATION

Condensed Consolidated Statements of Changes in Equity
(Unaudited)

					Accumulated Other Comprehensive Income (Loss)					
	Common	Additional			Net Unrealized			Total		
	Stock	Paid-in	Retained	Cash	Net (Losses)	Pension		Duke		
	Shares	Capital	Earnings	Flow	Gains	on Available	and	Energy		
(in millions)	Shares	Stock	Capital	Earnings	Hedges	Securities	Adjustment	Equity	Interests	Equity
Balance at December 31, 2016	700	\$ 1	\$38,741	\$2,384	\$(20)	\$ (1)	\$ (72)	\$ 41,033	\$ 8	\$41,041
Net income	—	—	—	2,356	—	—	—	2,356	5	2,361
Other comprehensive income	—	—	—	—	1	10	2	13	—	13
Common stock issuances, including dividend reinvestment and employee benefits	—	—	33	—	—	—	—	33	—	33
Common stock dividends	—	—	—	(1,825)	—	—	—	(1,825)	—	(1,825)
Distributions to noncontrolling interest in subsidiaries	—	—	—	—	—	—	—	—	(2)	(2)
Other ^(a)	—	—	—	21	—	—	—	21	—	21
Balance at September 30, 2017	700	\$ 1	\$38,774	\$2,936	\$(19)	\$ 9	\$ (70)	\$ 41,631	\$ 11	\$41,642
Balance at December 31, 2017	700	\$ 1	\$38,792	\$3,013	\$(10)	\$ 12	\$ (69)	\$ 41,739	\$ (2)	\$41,737
Net income (loss)	—	—	—	2,202	—	—	—	2,202	(12)	2,190
Other comprehensive income (loss)	—	—	—	—	15	(5)	3	13	—	13
Common stock issuances, including dividend reinvestment and employee benefits	13	—	955	—	—	—	—	955	—	955
Common stock dividends	—	—	—	(1,914)	—	—	—	(1,914)	—	(1,914)
Distributions to noncontrolling interest in subsidiaries	—	—	—	—	—	—	—	—	(1)	(1)
Other ^(b)	—	—	—	12	—	(12)	—	—	33	33
Balance at September 30, 2018	713	\$ 1	\$39,747	\$3,313	\$5	\$ (5)	\$ (66)	\$ 42,995	\$ 18	\$43,013

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- (a) Cumulative-effect adjustment due to implementation of a new accounting standard related to stock-based compensation and the associated income taxes.
Amounts in Retained Earnings and Accumulated Other Comprehensive Loss represent a cumulative-effect
- (b) adjustment due to implementation of a new accounting standard related to Financial Instruments Classification and Measurement. See Note 1 for more information. Amount in Noncontrolling Interests relates to tax equity financing activity in the Commercial Renewables segment.

See Notes to Condensed Consolidated Financial Statements

10

PART I

DUKE ENERGY CAROLINAS, LLC

Condensed Consolidated Statements of Operations and Comprehensive Income

(Unaudited)

	Three Months Ended September 30,		Nine Months Ended September 30,	
(in millions)	2018	2017	2018	2017
Operating Revenues	\$2,090	\$2,136	\$5,525	\$5,581
Operating Expenses				
Fuel used in electric generation and purchased power	490	531	1,370	1,394
Operation, maintenance and other	514	494	1,464	1,472
Depreciation and amortization	305	281	866	804
Property and other taxes	67	67	214	206
Impairment charges	1	—	191	—
Total operating expenses	1,377	1,373	4,105	3,876
Losses on Sales of Other Assets and Other, net	—	—	(1) —
Operating Income	713	763	1,419	1,705
Other Income and Expenses, net	34	40	108	140
Interest Expense	106	108	323	314
Income Before Income Taxes	641	695	1,204	1,531
Income Tax Expense	145	229	268	522
Net Income	\$496	\$466	\$936	\$1,009
Other Comprehensive Income, net of tax				
Reclassification into earnings from cash flow hedges	—	—	1	1
Comprehensive Income	\$496	\$466	\$937	\$1,010

See Notes to Condensed Consolidated Financial Statements

11

PART I

DUKE ENERGY CAROLINAS, LLC
Condensed Consolidated Balance Sheets
(Unaudited)

(in millions)	September 30, 2018	December 31, 2017
ASSETS		
Current Assets		
Cash and cash equivalents	\$ 27	\$ 16
Receivables (net of allowance for doubtful accounts of \$2 at 2018 and 2017)	203	200
Receivables of VIEs (net of allowance for doubtful accounts of \$7 at 2018 and 2017)	795	640
Receivables from affiliated companies	158	95
Inventory	976	971
Regulatory assets	435	299
Other	55	19
Total current assets	2,649	2,240
Property, Plant and Equipment		
Cost	44,086	42,939
Accumulated depreciation and amortization	(15,536)	(15,063)
Net property, plant and equipment	28,550	27,876
Other Noncurrent Assets		
Regulatory assets	3,188	2,853
Nuclear decommissioning trust funds	3,943	3,772
Other	1,009	979
Total other noncurrent assets	8,140	7,604
Total Assets	\$ 39,339	\$ 37,720
LIABILITIES AND EQUITY		
Current Liabilities		
Accounts payable	\$ 888	\$ 842
Accounts payable to affiliated companies	142	209
Notes payable to affiliated companies	804	104
Taxes accrued	189	234
Interest accrued	141	108
Current maturities of long-term debt	506	1,205
Asset retirement obligations	292	337
Regulatory liabilities	144	126
Other	419	486
Total current liabilities	3,525	3,651
Long-Term Debt	9,589	8,598
Long-Term Debt Payable to Affiliated Companies	300	300
Other Noncurrent Liabilities		
Deferred income taxes	3,639	3,413
Asset retirement obligations	3,420	3,273
Regulatory liabilities	6,480	6,231
Accrued pension and other post-retirement benefit costs	97	95
Investment tax credits	233	232
Other	508	566
Total other noncurrent liabilities	14,377	13,810
Commitments and Contingencies		

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Equity		
Member's equity	11,554	11,368
Accumulated other comprehensive loss	(6) (7
Total equity	11,548	11,361
Total Liabilities and Equity	\$ 39,339	\$ 37,720

See Notes to Condensed Consolidated Financial Statements

12

PART I

DUKE ENERGY CAROLINAS, LLC

Condensed Consolidated Statements of Cash Flows
(Unaudited)

	Nine Months Ended September 30, 2018 2017	
(in millions)		
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$936	\$1,009
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization (including amortization of nuclear fuel)	1,084	1,051
Equity component of AFUDC	(57)	(79)
Losses on sales of other assets	1	—
Impairment charges	191	—
Deferred income taxes	266	330
Accrued pension and other post-retirement benefit costs	3	—
Contributions to qualified pension plans	(46)	—
Payments for asset retirement obligations	(174)	(201)
Provision for rate refunds	163	—
(Increase) decrease in		
Net realized and unrealized mark-to-market and hedging transactions	2	1
Receivables	(154)	(40)
Receivables from affiliated companies	(63)	17
Inventory	(11)	50
Other current assets	(54)	8
Increase (decrease) in		
Accounts payable	69	(78)
Accounts payable to affiliated companies	(67)	(88)
Taxes accrued	(47)	225
Other current liabilities	(129)	(149)
Other assets	18	(18)
Other liabilities	(47)	(26)
Net cash provided by operating activities	1,884	2,012
CASH FLOWS FROM INVESTING ACTIVITIES		
Capital expenditures	(2,006)	(1,747)
Purchases of debt and equity securities	(1,386)	(1,660)
Proceeds from sales and maturities of debt and equity securities	1,386	1,664
Notes receivable from affiliated companies	—	66
Other	(103)	(58)
Net cash used in investing activities	(2,109)	(1,735)
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from the issuance of long-term debt	991	—
Payments for the redemption of long-term debt	(704)	(115)
Notes payable to affiliated companies	700	468
Distributions to parent	(750)	(625)
Other	(1)	(1)
Net cash provided by (used in) financing activities	236	(273)
Net increase in cash and cash equivalents	11	4

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Cash and cash equivalents at beginning of period	16	14
Cash and cash equivalents at end of period	\$27	\$18
Supplemental Disclosures:		
Significant non-cash transactions:		
Accrued capital expenditures	\$299	\$292

See Notes to Condensed Consolidated Financial Statements

13

PART I

DUKE ENERGY CAROLINAS, LLC

Condensed Consolidated Statements of Changes in Equity
(Unaudited)

		Accumulated Other Comprehensive Loss Net Losses on	
(in millions)	Member's Equity	Cash Flow Hedges	Total Equity
Balance at December 31, 2016	\$ 10,781	\$ (9)	\$ 10,772
Net income	1,009	—	1,009
Other comprehensive income	—	1	1
Distributions to parent	(625)	—	(625)
Other	(1)	—	(1)
Balance at September 30, 2017	\$ 11,164	\$ (8)	\$ 11,156
Balance at December 31, 2017	\$ 11,368	\$ (7)	\$ 11,361
Net income	936	—	936
Other comprehensive income	—	1	1
Distributions to parent	(750)	—	(750)
Balance at September 30, 2018	\$ 11,554	\$ (6)	\$ 11,548

See Notes to Condensed Consolidated Financial Statements

14

PART I

PROGRESS ENERGY, INC.

Condensed Consolidated Statements of Operations and Comprehensive Income

(Unaudited)

	Three Months Ended September 30,		Nine Months Ended September 30,	
(in millions)	2018	2017	2018	2017
Operating Revenues	\$3,045	\$2,864	\$8,119	\$7,435
Operating Expenses				
Fuel used in electric generation and purchased power	1,148	1,031	3,019	2,588
Operation, maintenance and other	680	588	1,913	1,697
Depreciation and amortization	419	334	1,183	958
Property and other taxes	145	140	399	386
Impairment charges	1	135	34	137
Total operating expenses	2,393	2,228	6,548	5,766
Gains on Sales of Other Assets and Other, net	11	5	23	19
Operating Income	663	641	1,594	1,688
Other Income and Expenses, net	51	36	128	112
Interest Expense	214	193	626	595
Income Before Income Taxes	500	484	1,096	1,205
Income Tax Expense	94	141	186	384
Net Income	406	343	910	821
Less: Net Income Attributable to Noncontrolling Interests	2	2	6	7
Net Income Attributable to Parent	\$404	\$341	\$904	\$814
Net Income	\$406	\$343	\$910	\$821
Other Comprehensive Income, net of tax				
Pension and OPEB adjustments	—	3	2	5
Net unrealized gains (losses) on cash flow hedges	2	(2)	5	4
Unrealized (losses) gains on available-for-sale securities	—	1	(1)	3
Other Comprehensive Income, net of tax	2	2	6	12
Comprehensive Income	408	345	916	833
Less: Comprehensive Income Attributable to Noncontrolling Interests	2	2	6	7
Comprehensive Income Attributable to Parent	\$406	\$343	\$910	\$826

See Notes to Condensed Consolidated Financial Statements

PART I

PROGRESS ENERGY, INC.

Condensed Consolidated Balance Sheets

(Unaudited)

(in millions)	September 30, 2018	December 31, 2017
ASSETS		
Current Assets		
Cash and cash equivalents	\$ 43	\$ 40
Receivables (net of allowance for doubtful accounts of \$5 at 2018 and \$4 at 2017)	131	123
Receivables of VIEs (net of allowance for doubtful accounts of \$8 at 2018 and \$7 at 2017)	1,098	780
Receivables from affiliated companies	15	31
Notes receivable from affiliated companies	445	240
Inventory	1,473	1,592
Regulatory assets (includes \$52 at 2018 and \$51 at 2017 related to VIEs)	1,122	741
Other	256	334
Total current assets	4,583	3,881
Property, Plant and Equipment		
Cost	49,822	47,323
Accumulated depreciation and amortization	(16,652)	(15,857)
Generation facilities to be retired, net	388	421
Net property, plant and equipment	33,558	31,887
Other Noncurrent Assets		
Goodwill	3,655	3,655
Regulatory assets (includes \$1,055 at 2018 and \$1,091 at 2017 related to VIEs)	5,987	6,010
Nuclear decommissioning trust funds	3,477	3,324
Other	1,019	931
	14,138	13,920

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Total other noncurrent assets			
Total Assets	\$	52,279	\$ 49,688
LIABILITIES AND EQUITY			
Current Liabilities			
Accounts payable	\$	1,301	\$ 1,006
Accounts payable to affiliated companies	327		251
Notes payable to affiliated companies	794		805
Taxes accrued	244		101
Interest accrued	228		212
Current maturities of long-term debt (includes \$53 at 2018 and 2017 related to VIEs)	1,322		771
Asset retirement obligations	475		295
Regulatory liabilities	246		213
Other	672		729
Total current liabilities	5,609		4,383
Long-Term Debt (includes \$1,636 at 2018 and \$1,689 at 2017 related to VIEs)	17,440		16,916
Long-Term Debt Payable to Affiliated Companies	150		150
Other Noncurrent Liabilities			
Deferred income taxes	3,947		3,502
Asset retirement obligations	4,960		5,119
Regulatory liabilities	5,275		5,306
Accrued pension and other post-retirement benefit costs	513		545
Other	255		302
Total other noncurrent liabilities	14,950		14,774
Commitments and Contingencies			
Equity			
Common stock, \$0.01 par value, 100 shares authorized and outstanding at 2018 and 2017	—		—
Additional paid-in capital	9,143		9,143

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Retained earnings	5,009	4,350
Accumulated other comprehensive loss	(24)	(25)
Total Progress Energy, Inc. stockholders' equity	14,128	13,468
Noncontrolling interests	2	(3)
Total equity	14,130	13,465
Total Liabilities and Equity	\$ 52,279	\$ 49,688

See Notes to Condensed Consolidated Financial Statements

16

PART I

PROGRESS ENERGY, INC.

Condensed Consolidated Statements of Cash Flows
(Unaudited)

	Nine Months Ended September 30, 2018 2017	
(in millions)		
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$910	\$821
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation, amortization and accretion (including amortization of nuclear fuel)	1,458	1,130
Equity component of AFUDC	(80)	(68)
Gains on sales of other assets	(23)	(20)
Impairment charges	34	137
Deferred income taxes	342	651
Accrued pension and other post-retirement benefit costs	18	(9)
Contributions to qualified pension plans	(45)	—
Payments for asset retirement obligations	(164)	(190)
Other rate case adjustments	37	—
Provision for rate refunds	101	—
(Increase) decrease in		
Net realized and unrealized mark-to-market and hedging transactions	14	1
Receivables	(316)	(182)
Receivables from affiliated companies	16	102
Inventory	119	126
Other current assets	(156)	(312)
Increase (decrease) in		
Accounts payable	427	(281)
Accounts payable to affiliated companies	76	(59)
Taxes accrued	143	143
Other current liabilities	(28)	(184)
Other assets	(668)	(100)
Other liabilities	(34)	(85)
Net cash provided by operating activities	2,181	1,621
CASH FLOWS FROM INVESTING ACTIVITIES		
Capital expenditures	(2,689)	(2,419)
Purchases of debt and equity securities	(1,216)	(1,393)
Proceeds from sales and maturities of debt and equity securities	1,225	1,411
Net proceeds from the sales of other assets	20	—
Notes receivable from affiliated companies	(205)	(90)
Other	(142)	(36)
Net cash used in investing activities	(3,007)	(2,527)
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from the issuance of long-term debt	1,785	1,720
Payments for the redemption of long-term debt	(719)	(611)
Notes payable to affiliated companies	(11)	(129)
Dividends to parent	(250)	(125)
Other	(3)	(3)

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Net cash provided by financing activities	802	852
Net decrease in cash, cash equivalents and restricted cash	(24)	(54)
Cash, cash equivalents and restricted cash at beginning of period	87	110
Cash, cash equivalents and restricted cash at end of period	\$63	\$56
Supplemental Disclosures:		
Significant non-cash transactions:		
Accrued capital expenditures	\$441	\$174
Equitization of certain notes payable to affiliates	—	1,047
Dividend to parent related to a legal entity restructuring	—	547

See Notes to Condensed Consolidated Financial Statements

17

PART I

PROGRESS ENERGY, INC.

Condensed Consolidated Statements of Changes in Equity
(Unaudited)

			Accumulated Other Comprehensive Income (Loss)		Net Unrealized Gains (losses)		Pension and	Total Progress Energy, Inc.		
	Additional	Retained	Net	Cash	Net	Available	COPEB	Stockholders	Noncontrolling	Total
(in millions)	Paid-in	Earnings	Losses	Flow	on	for	Adjustment	Equity	Interests	Equity
	Capital		Hedges		Sale	Securities				
Balance at December 31, 2016	\$ 8,094	\$ 3,764	\$ (23)	\$ 1	\$ (16)	)	\$ 11,820	\$ (13)	)	\$ 11,807
Net income	—	814	—	—	—	—	814	7	—	821
Other comprehensive income	—	—	4	3	5	—	12	—	—	12
Dividends to parent ^(a)	—	(672)	—	—	—	—	(672)	—	—	(672)
Equitization of certain notes payable to affiliates	1,047	—	—	—	—	—	1,047	—	—	1,047
Other	2	—	—	—	—	—	2	—	—	2
Balance at September 30, 2017	\$ 9,143	\$ 3,906	\$ (19)	\$ 4	\$ (11)	)	\$ 13,023	\$ (6)	)	\$ 13,017
Balance at December 31, 2017	\$ 9,143	\$ 4,350	\$ (18)	\$ 5	\$ (12)	)	\$ 13,468	\$ (3)	)	\$ 13,465
Net income	—	904	—	—	—	—	904	6	—	910
Other comprehensive income (loss)	—	—	5	(1)	)	2	6	—	—	6
Distributions to noncontrolling interests	—	—	—	—	—	—	—	(1)	)	(1)
Dividends to parent	—	(250)	—	—	—	—	(250)	—	—	(250)
Other ^(b)	—	5	—	(5))	—	—	—	—	—
Balance at September 30, 2018	\$ 9,143	\$ 5,009	\$ (13)	\$ (1)	)	\$ (10)	\$ 14,128	\$ 2	—	\$ 14,130

(a) Includes a \$547 million non-cash dividend related to a legal entity restructuring.

Amounts in Retained Earnings and Accumulated Other Comprehensive Loss represent a cumulative-effect

(b) adjustment due to implementation of a new accounting standard related to Financial Instruments Classification and Measurement. See Note 1 for more information.

See Notes to Condensed Consolidated Financial Statements

PART I

DUKE ENERGY PROGRESS, LLC

Condensed Consolidated Statements of Operations and Comprehensive Income

(Unaudited)

	Three Months Ended September 30,		Nine Months Ended September 30,	
(in millions)	2018	2017	2018	2017
Operating Revenues	\$1,582	\$1,460	\$4,333	\$3,878
Operating Expenses				
Fuel used in electric generation and purchased power	535	475	1,452	1,214
Operation, maintenance and other	431	365	1,187	1,069
Depreciation and amortization	253	182	723	536
Property and other taxes	40	40	115	120
Impairment charges	—	—	33	—
Total operating expenses	1,259	1,062	3,510	2,939
Gains on Sales of Other Assets and Other, net	7	—	9	3
Operating Income	330	398	832	942
Other Income and Expenses, net	24	27	61	84
Interest Expense	82	65	241	217
Income Before Income Taxes	272	360	652	809
Income Tax Expense	56	114	120	262
Net Income and Comprehensive Income	\$216	\$246	\$532	\$547

See Notes to Condensed Consolidated Financial Statements

19

PART I

DUKE ENERGY PROGRESS, LLC

Condensed Consolidated Balance Sheets

(Unaudited)

(in millions)

September 30, 2018 December 31, 2017

ASSETS

Current Assets

Cash and cash equivalents	\$ 17	\$ 20
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Receivables (net of allowance for doubtful accounts of \$2 at 2018 and \$1 at 2017)	34	56
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Receivables of VIEs (net of allowance for doubtful accounts of \$5 at 2018 and 2017)	635	459
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Receivables from affiliated companies	6	3
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Notes receivable from affiliated companies	52	—
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Inventory	956	1,017
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Regulatory assets	677	352
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Other	112	97
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Total current assets	2,489	2,004
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Property, Plant and Equipment

Cost	31,091	29,583
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Accumulated depreciation and amortization	(11,484)	(10,903)
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Generation facilities to be retired, net	388	421
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Net property, plant and equipment	19,995	19,101
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Other Noncurrent Assets

Regulatory assets	3,822	3,507
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Nuclear decommissioning trust funds	2,744	2,588
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Other	653	599
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Total other noncurrent assets	7,219	6,694
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Total Assets	\$ 29,703	\$ 27,799
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LIABILITIES AND EQUITY

Current Liabilities

Accounts payable	\$ 808	\$ 402
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Accounts payable to affiliated companies	252	179
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Notes payable to affiliated companies	—	240
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Taxes accrued	92	64
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Interest accrued	100	102
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Current maturities of long-term debt	603	3
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Asset retirement obligations	470	295
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Regulatory liabilities	162	139
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Other	353	376
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Total current liabilities	2,840	1,800
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Long-Term Debt	7,401	7,204
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Long-Term Debt Payable to Affiliated Companies	150	150
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Other Noncurrent Liabilities

Deferred income taxes	2,076	1,883
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Asset retirement obligations	4,371	4,378
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Regulatory liabilities	4,128	3,999
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Accrued pension and other post-retirement benefit costs	240	248
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Investment tax credits	143	143
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Other	48	45
Total other noncurrent liabilities	11,006	10,696
Commitments and Contingencies		
Equity		
Member's Equity	8,306	7,949
Total Liabilities and Equity	\$ 29,703	\$ 27,799

See Notes to Condensed Consolidated Financial Statements

20

PART I

DUKE ENERGY PROGRESS, LLC

Condensed Consolidated Statements of Cash Flows
(Unaudited)

	Nine Months Ended September 30,	
(in millions)	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$ 532	\$ 547
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization (including amortization of nuclear fuel)	869	691
Equity component of AFUDC	(41)	(35)
Gains on sales of other assets	(9)	(4)
Impairment charges	33	—
Deferred income taxes	187	287
Accrued pension and other post-retirement benefit costs	11	(15)
Contributions to qualified pension plans	(25)	—
Payments for asset retirement obligations	(133)	(149)
Other rate case adjustments	37	—
Provision for rate refunds	101	—
(Increase) decrease in		
Net realized and unrealized mark-to-market and hedging transactions	3	(2)
Receivables	(154)	(47)
Receivables from affiliated companies	(3)	(3)
Inventory	62	52
Other current assets	(239)	(34)
Increase (decrease) in		
Accounts payable	325	(286)
Accounts payable to affiliated companies	73	(20)
Taxes accrued	28	33
Other current liabilities	(27)	(139)
Other assets	(358)	(49)
Other liabilities	11	(9)
Net cash provided by operating activities	1,283	818
CASH FLOWS FROM INVESTING ACTIVITIES		
Capital expenditures	(1,526)	(1,247)
Purchases of debt and equity securities	(831)	(995)
Proceeds from sales and maturities of debt and equity securities	807	974
Net proceeds from the sales of other assets	20	—
Notes receivable from affiliated companies	(52)	64
Other	(82)	(26)
Net cash used in investing activities	(1,664)	(1,230)
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from the issuance of long-term debt	796	812
Payments for the redemption of long-term debt	(2)	(270)
Notes payable to affiliated companies	(240)	—
Distributions to parent	(175)	(125)
Other	(1)	(1)

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Net cash provided by financing activities	378	416
Net (decrease) increase in cash and cash equivalents	(3) 4
Cash and cash equivalents at beginning of period	20	11
Cash and cash equivalents at end of period	\$ 17	\$ 15
Supplemental Disclosures:		
Significant non-cash transactions:		
Accrued capital expenditures	\$ 261	\$ 116

See Notes to Condensed Consolidated Financial Statements

21

PART I

DUKE ENERGY PROGRESS, LLC

Condensed Consolidated Statements of Changes in Equity
(Unaudited)

(in millions)	Member's Equity
Balance at December 31, 2016	\$ 7,358
Net income	547
Distributions to parent	(125)
Balance at September 30, 2017	\$ 7,780

Balance at December 31, 2017	\$ 7,949
Net income	532
Distributions to parent	(175)
Balance at September 30, 2018	\$ 8,306

See Notes to Condensed Consolidated Financial Statements

22

PART I

DUKE ENERGY FLORIDA, LLC

Condensed Consolidated Statements of Operations and Comprehensive Income

(Unaudited)

	Three Months Ended September 30,		Nine Months Ended September 30,	
(in millions)	2018	2017	2018	2017
Operating Revenues	\$1,462	\$1,401	\$3,780	\$3,551
Operating Expenses				
Fuel used in electric generation and purchased power	614	557	1,567	1,374
Operation, maintenance and other	245	220	719	623
Depreciation and amortization	166	154	460	423
Property and other taxes	105	99	284	265
Impairment charges	1	135	1	137
Total operating expenses	1,131	1,165	3,031	2,822
Operating Income	331	236	749	729
Other Income and Expenses, net	28	19	75	58
Interest Expense	73	71	210	211
Income Before Income Taxes	286	184	614	576
Income Tax Expense	43	64	100	208
Net Income	\$243	\$120	\$514	\$368
Other Comprehensive (Loss) Income, net of tax				
Unrealized (losses) gains on available-for-sale securities	—	1	(1	) 3
Comprehensive Income	\$243	\$121	\$513	\$371

See Notes to Condensed Consolidated Financial Statements

23

PART I

DUKE ENERGY FLORIDA, LLC

Condensed Consolidated Balance Sheets

(Unaudited)

(in millions)	September 30, 2018	December 31, 2017
ASSETS		
Current Assets		
Cash and cash equivalents	\$ 20	\$ 13
Receivables (net of allowance for doubtful accounts of \$3 at 2018 and 2017)	95	65
Receivables of VIEs (net of allowance for doubtful accounts of \$3 at 2018 and \$2 at 2017)	463	321
Receivables from affiliated companies	20	2
Notes receivable from affiliated companies	393	313
Inventory	517	574
Regulatory assets (includes \$52 at 2018 and \$51 at 2017 related to VIEs)	445	389
Other (includes \$14 at 2018 and \$40 at 2017 related to VIEs)	27	86
Total current assets	1,980	1,763
Property, Plant and Equipment		
Cost	18,722	17,730
Accumulated depreciation and amortization	(5,161)	(4,947)
Net property, plant and equipment	13,561	12,783
Other Noncurrent Assets		
Regulatory assets (includes \$1,055 at 2018 and \$1,091 at 2017 related to VIEs)	2,165	2,503
Nuclear decommissioning trust funds	734	736
Other	315	284
Total other noncurrent assets	3,214	3,523

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Total Assets	\$	18,755	\$	18,069
LIABILITIES AND EQUITY				
Current Liabilities				
Accounts payable	\$	492	\$	602
Accounts payable to affiliated companies		83		74
Taxes accrued		232		34
Interest accrued		74		56
Current maturities of long-term debt (includes \$53 at 2018 and 2017 related to VIEs)		269		768
Asset retirement obligations		4		—
Regulatory liabilities		84		74
Other		315		334
Total current liabilities		1,553		1,942
Long-Term Debt				
(includes \$1,336 at 2018 and \$1,389 at 2017 related to VIEs)		7,102		6,327
Other Noncurrent Liabilities				
Deferred income taxes		2,012		1,761
Asset retirement obligations		589		742
Regulatory liabilities		1,146		1,307
Accrued pension and other post-retirement benefit costs		241		264
Other		56		108
Total other noncurrent liabilities		4,044		4,182
Commitments and Contingencies				
Equity				
Member's equity		6,058		5,614
Accumulated other comprehensive (loss) income	(2	)	4	
Total equity		6,056		5,618
Total Liabilities and Equity	\$	18,755	\$	18,069

See Notes to Condensed Consolidated Financial Statements

PART I

DUKE ENERGY FLORIDA, LLC

Condensed Consolidated Statements of Cash Flows
(Unaudited)

	Nine Months Ended September 30,	
(in millions)	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$514	\$368
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation, amortization and accretion	581	431
Equity component of AFUDC	(40)	(33)
Impairment charges	1	137
Deferred income taxes	169	366
Accrued pension and other post-retirement benefit costs	4	3
Contributions to qualified pension plans	(20)	—
Payments for asset retirement obligations	(31)	(41)
(Increase) decrease in		
Net realized and unrealized mark-to-market and hedging transactions	7	3
Receivables	(163)	(140)
Receivables from affiliated companies	(18)	1
Inventory	57	74
Other current assets	51	(195)
Increase (decrease) in		
Accounts payable	101	6
Accounts payable to affiliated companies	9	(35)
Taxes accrued	198	109
Other current liabilities	1	(45)
Other assets	(308)	(35)
Other liabilities	(58)	(71)
Net cash provided by operating activities	1,055	903
CASH FLOWS FROM INVESTING ACTIVITIES		
Capital expenditures	(1,162)	(1,172)
Purchases of debt and equity securities	(385)	(398)
Proceeds from sales and maturities of debt and equity securities	418	437
Notes receivable from affiliated companies	(80)	(70)
Other	(61)	(10)
Net cash used in investing activities	(1,270)	(1,213)
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from the issuance of long-term debt	989	908
Payments for the redemption of long-term debt	(717)	(341)
Notes payable to affiliated companies	—	(297)
Distributions to parent	(75)	—
Other	(1)	(1)
Net cash provided by financing activities	196	269
Net decrease in cash, cash equivalents and restricted cash	(19)	(41)
Cash, cash equivalents and restricted cash at beginning of period	53	69
Cash, cash equivalents and restricted cash at end of period	\$34	\$28

Supplemental Disclosures:

Significant non-cash transactions:

Accrued capital expenditures	\$ 180	\$ 102
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See Notes to Condensed Consolidated Financial Statements

25

PART I

DUKE ENERGY FLORIDA, LLC

Condensed Consolidated Statements of Changes in Equity
(Unaudited)

		Accumulated Other Comprehensive Income (Loss) Net Unrealized Gains (Losses) on	
(in millions)	Member's Equity	Available-for-Sale Securities	Total Equity
Balance at December 31, 2016	\$ 4,899	\$ 1	\$4,900
Net income	368	—	368
Other comprehensive income	—	3	3
Other	3	—	3
Balance at September 30, 2017	\$ 5,270	\$ 4	\$5,274
Balance at December 31, 2017	\$ 5,614	\$ 4	\$5,618
Net income	514	—	514
Other comprehensive loss	—	(1)	(1)
Distributions to parent	(75)	—	(75)
Other ^(a)	5	(5)	—
Balance at September 30, 2018	\$ 6,058	\$ (2)	\$6,056

Amounts in Member's Equity and Accumulated Other Comprehensive Income (Loss) represent a cumulative-effect (a) adjustment due to implementation of a new accounting standard related to Financial Instruments Classification and Measurement. See Note 1 for more information.

See Notes to Condensed Consolidated Financial Statements

PART I

DUKE ENERGY OHIO, INC.

Condensed Consolidated Statements of Operations and Comprehensive Income

(Unaudited)

	Three Months Ended September 30, 2018		Nine Months Ended September 30, 2017		
(in millions)					
Operating Revenues					
Regulated electric	\$ 373	\$ 371	\$1,055	\$1,036	
Regulated natural gas	84	90	361	360	
Nonregulated electric and other	12	10	36	30	
Total operating revenues	469	471	1,452	1,426	
Operating Expenses					
Fuel used in electric generation and purchased power – regulated	99	100	284	283	
Fuel used in electric generation and purchased power – nonregulated	14	13	43	42	
Cost of natural gas	4	5	73	69	
Operation, maintenance and other	76	125	337	388	
Depreciation and amortization	64	63	196	193	
Property and other taxes	73	65	218	204	
Impairment charges	—	—	—	1	
Total operating expenses	330	371	1,151	1,180	
Gains (Losses) on Sales of Other Assets and Other, net	—	1	(106	) 1
Operating Income	139	101	195	247	
Other Income and Expenses, net	3	5	17	15	
Interest Expense	23	22	68	67	
Income From Continuing Operations Before Income Taxes	119	84	144	195	
Income Tax Expense From Continuing Operations	19	28	23	67	
Income From Continuing Operations	100	56	121	128	
Loss From Discontinued Operations, net of tax	—	(1) —	(1)
Net Income and Comprehensive Income	\$ 100	\$ 55	\$ 121	\$ 127	

See Notes to Condensed Consolidated Financial Statements

27

PART I

DUKE ENERGY OHIO, INC.

Condensed Consolidated Balance Sheets

(Unaudited)

(in millions)

September 30, 2018 December 31, 2017

ASSETS

Current Assets

Cash and cash equivalents \$ 7 \$ 12

Receivables (net of allowance for doubtful accounts of \$3 at 2018 and 2017) 112 68

Receivables from affiliated companies 71 133

Notes receivable from affiliated companies — 14

Inventory 135 133

Regulatory assets 41 49

Other 28 39

Total current assets 394 448

Property, Plant and Equipment

Cost 9,176 8,732

Accumulated depreciation and amortization (2,683) (2,691)

Net property, plant and equipment 6,493 6,041

Other Noncurrent Assets

Goodwill 920 920

Regulatory assets 427 445

Other 62 21

Total other noncurrent assets 1,409 1,386

Total Assets \$ 8,296 \$ 7,875

LIABILITIES AND EQUITY

Current Liabilities

Accounts payable \$ 251 \$ 313

Accounts payable to affiliated companies 54 62

Notes payable to affiliated companies 268 29

Taxes accrued 159 190

Interest accrued 34 21

Current maturities of long-term debt 452 3

Asset retirement obligations 7 3

Regulatory liabilities 57 36

Other 67 71

Total current liabilities 1,349 728

Long-Term Debt 1,589 2,039

Long-Term Debt Payable to Affiliated Companies 25 25

Other Noncurrent Liabilities

Deferred income taxes 790 781

Asset retirement obligations 91 81

Regulatory liabilities 865 891

Accrued pension and other post-retirement benefit costs 84 59

Other 113 108

Total other noncurrent liabilities 1,943 1,920

Commitments and Contingencies

Equity 762 762

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Common stock, \$8.50 par value, 120 million shares authorized; 90 million shares
outstanding at 2018 and 2017

Additional paid-in capital	2,776	2,670
Accumulated deficit	(148	) (269
Total equity	3,390	3,163
Total Liabilities and Equity	\$ 8,296	\$ 7,875

See Notes to Condensed Consolidated Financial Statements

28

PART I

DUKE ENERGY OHIO, INC.

Condensed Consolidated Statements of Cash Flows
(Unaudited)

	Nine Months Ended September 30, 2018 2017	
(in millions)		
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$ 121	\$ 127
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	199	196
Equity component of AFUDC	(10)	(8)
Losses (gains) on sales of other assets	106	(1)
Impairment charges	—	1
Deferred income taxes	9	70
Accrued pension and other post-retirement benefit costs	3	3
Contributions to qualified pension plans	—	(4)
Payments for asset retirement obligations	(3)	(4)
Provision for rate refunds	23	—
(Increase) decrease in		
Net realized and unrealized mark-to-market and hedging transactions	—	1
Receivables	(44)	3
Receivables from affiliated companies	62	48
Inventory	(2)	1
Other current assets	12	(8)
Increase (decrease) in		
Accounts payable	(47)	(48)
Accounts payable to affiliated companies	(8)	(4)
Taxes accrued	(31)	(21)
Other current liabilities	19	(6)
Other assets	3	(13)
Other liabilities	(17)	(2)
Net cash provided by operating activities	395	331
CASH FLOWS FROM INVESTING ACTIVITIES		
Capital expenditures	(588)	(457)
Cost of removal, net of salvage	(63)	(25)
Notes receivable from affiliated companies	14	7
Other	1	—
Net cash used in investing activities	(636)	(475)
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from the issuance of long-term debt	—	182
Payments for the redemption of long-term debt	(3)	(2)
Notes payable to affiliated companies	239	(16)
Dividends to parent	—	(25)
Other	—	(1)
Net cash provided by financing activities	236	138
Net decrease in cash and cash equivalents	(5)	(6)
Cash and cash equivalents at beginning of period	12	13

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Cash and cash equivalents at end of period	\$7	\$7
Supplemental Disclosures:		
Significant non-cash transactions:		
Accrued capital expenditures	\$83	\$65
Non-cash equity contribution from parent	106	—

See Notes to Condensed Consolidated Financial Statements

29

PART I

DUKE ENERGY OHIO, INC.

Condensed Consolidated Statements of Changes in Equity (Unaudited)

	Common	Additional		
(in millions)	Stock	Paid-in Capital	Accumulated Deficit	Total Equity
Balance at December 31, 2016	\$ 762	\$ 2,695	\$ (461)	\$2,996
Net income	—	—	127	127
Dividends to parent	—	(25)	—	(25)
Balance at September 30, 2017	\$ 762	\$ 2,670	\$ (334)	\$3,098
Balance at December 31, 2017	\$ 762	\$ 2,670	\$ (269)	\$3,163
Net income	—	—	121	121
Contribution from parent ^(a)	—	106	—	106
Balance at September 30, 2018	\$ 762	\$ 2,776	\$ (148)	\$3,390

(a) Represents a non-cash settlement through equity of an intercompany payable from Duke Energy Ohio to its parent.

See Notes to Condensed Consolidated Financial Statements

30

PART I

DUKE ENERGY INDIANA, LLC

Condensed Consolidated Statements of Operations and Comprehensive Income

(Unaudited)

	Three Months		Nine Months	
	Ended		Ended	
	September 30,		September 30,	
(in millions)	2018	2017	2018	2017
Operating Revenues	\$ 819	\$ 802	\$2,288	\$2,302
Operating Expenses				
Fuel used in electric generation and purchased power	272	259	730	744
Operation, maintenance and other	198	177	576	546
Depreciation and amortization	130	120	386	336
Property and other taxes	16	19	56	56
Impairment charges	30	—	30	—
Total operating expenses	646	575	1,778	1,682
Gains on Sale of Other Assets and Other, net	—	1	—	1
Operating Income	173	228	510	621
Other Income and Expenses, net	23	12	36	32
Interest Expense	42	44	125	132
Income Before Income Taxes	154	196	421	521
Income Tax Expense	35	75	104	203
Net Income and Comprehensive Income	\$ 119	\$ 121	\$317	\$318

See Notes to Condensed Consolidated Financial Statements

31

PART I

DUKE ENERGY INDIANA, LLC

Condensed Consolidated Balance Sheets

(Unaudited)

(in millions)	September 30, 2018	December 31, 2017
ASSETS		
Current Assets		
Cash and cash equivalents	\$ 17	\$ 9
Receivables (net of allowance for doubtful accounts of \$2 at 2018 and 2017)	56	57
Receivables from affiliated companies	98	125
Inventory	434	450
Regulatory assets	190	165
Other	64	30
Total current assets	859	836
Property, Plant and Equipment		
Cost	15,298	14,948
Accumulated depreciation and amortization	(4,831)	(4,662)
Net property, plant and equipment	10,467	10,286
Other Noncurrent Assets		
Regulatory assets	950	978
Other	233	189
Total other noncurrent assets	1,183	1,167
Total Assets	\$ 12,509	\$ 12,289
LIABILITIES AND EQUITY		
Current Liabilities		
Accounts payable	\$ 177	\$ 196
Accounts payable to affiliated companies	72	78
Notes payable to affiliated companies	201	161
Taxes accrued	44	95
Interest accrued	54	57
Current maturities of long-term debt	62	3
Asset retirement obligations	128	54
Regulatory liabilities	25	24

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Other	109	104
Total current liabilities	872	772
Long-Term Debt	3,571	3,630
Long-Term Debt Payable to Affiliated Companies	150	150
Other Noncurrent Liabilities		
Deferred income taxes	988	925
Asset retirement obligations	616	727
Regulatory liabilities	1,761	1,723
Accrued pension and other post-retirement benefit costs	110	76
Investment tax credits	147	147
Other	31	18
Total other noncurrent liabilities	3,653	3,616
Commitments and Contingencies		
Equity		
Member's Equity	4,263	4,121
Total Liabilities and Equity	\$ 12,509	\$ 12,289

See Notes to Condensed Consolidated Financial Statements

32

PART I

DUKE ENERGY INDIANA, LLC

Condensed Consolidated Statements of Cash Flows
(Unaudited)

	Nine Months Ended September 30,		
(in millions)	2018		2017
CASH FLOWS FROM OPERATING ACTIVITIES			
Net income	\$ 317		\$ 318
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation, amortization and accretion	388		339
Equity component of AFUDC	(28)		(20)
Gain on sale of other assets and other, net	—		(1)
Impairment charges	30		—
Deferred income taxes	94		101
Accrued pension and other post-retirement benefit costs	5		4
Contributions to qualified pension plans	(8)		—
Payments for asset retirement obligations	(49)		(26)
Provision for rate refunds	58		—
(Increase) decrease in Receivables	1		53
Receivables from affiliated companies	27		31
Inventory	16		54
Other current assets	(59)		18
Increase (decrease) in Accounts payable	28		(71)
Accounts payable to affiliated companies	(6)		(1)
Taxes accrued	(51)		115
Other current liabilities	6		(18)
Other assets	29		(24)
Other liabilities	(13)		32
Net cash provided by operating activities	785		904

CASH FLOWS FROM
INVESTING
ACTIVITIES

Capital expenditures	(619)	)	(603))
Purchases of debt and equity securities	(42)	)	(15))
Proceeds from sales and maturities of debt and equity securities	18		6	
Notes receivable from affiliated companies	—		57	
Other	3		(40))
Net cash used in investing activities	(640)	)	(595))

CASH FLOWS FROM
FINANCING
ACTIVITIES

Payments for the redemption of long-term debt	(1)	)	(3))
Notes payable to affiliated companies	40		—	
Distributions to parent	(175)	)	(300))
Other	(1)	)	(1))
Net cash used in financing activities	(137)	)	(304))
Net increase in cash and cash equivalents	8		5	
Cash and cash equivalents at beginning of period			17	
Cash and cash equivalents at end of period	\$ 17		\$ 22	
Supplemental Disclosures:				
Significant non-cash transactions:				
Accrued capital expenditures	\$ 71		\$ 101	

See Notes to Condensed Consolidated Financial Statements

PART I

DUKE ENERGY INDIANA, LLC

Condensed Consolidated Statements of Changes in Equity
(Unaudited)

(in millions)	Member's Equity
Balance at December 31, 2016	\$ 4,067
Net income	318
Distributions to parent	(300)
Balance at September 30, 2017	\$ 4,085

Balance at December 31, 2017	\$ 4,121
Net income	317
Distributions to parent	(175)
Balance at September 30, 2018	\$ 4,263

See Notes to Condensed Consolidated Financial Statements

34

PART I

PIEDMONT NATURAL GAS COMPANY, INC.

Condensed Consolidated Statements of Operations and Comprehensive Income

(Unaudited)

	Three Months Ended September 30,		Nine Months Ended September 30,	
(in millions)	2018	2017	2018	2017
Operating Revenues	\$ 172	\$ 183	\$ 940	\$ 884
Operating Expenses				
Cost of natural gas	54	63	387	333
Operation, maintenance and other	85	73	252	226
Depreciation and amortization	40	38	118	109
Property and other taxes	12	13	36	38
Impairment charges	—	—	—	7
Total operating expenses	191	187	793	713
Operating (Loss) Income	(19)	(4)	147	171
Other Income and Expenses				
Equity in earnings of unconsolidated affiliates	3	3	6	8
Other income and expenses, net	3	—	9	(1)
Total other income and expenses	6	3	15	7
Interest Expense	19	20	60	59
(Loss) Income Before Income Taxes	(32)	(21)	102	119
Income Tax (Benefit) Expense	(11)	(10)	21	43
Net (Loss) Income and Comprehensive (Loss) Income	\$(21)	\$(11)	\$ 81	\$ 76

See Notes to Condensed Consolidated Financial Statements

35

PART I

PIEDMONT NATURAL GAS COMPANY, INC.

Condensed Consolidated Balance Sheets

(Unaudited)

(in millions)	September 30, 2018	December 31, 2017
ASSETS		
Current Assets		
Cash and cash equivalents	\$ 6	\$ 19
Receivables (net of allowance for doubtful accounts of \$1 at 2018 and \$2 at 2017)	83	275
Receivables from affiliated companies	10	7
Notes receivable from affiliated companies	11	—
Inventory	51	66
Regulatory assets	38	95
Other	48	52
Total current assets	247	514
Property, Plant and Equipment		
Cost	7,265	6,725
Accumulated depreciation and amortization	(1,553)	(1,479)
Net property, plant and equipment	5,712	5,246
Other Noncurrent Assets		
Goodwill	49	49
Regulatory assets	305	283
Investments in equity method unconsolidated affiliates	63	61
Other	65	65
Total other noncurrent assets	482	458
Total Assets	\$ 6,441	\$ 6,218
LIABILITIES AND EQUITY		
Current Liabilities		
Accounts payable	\$ 131	\$ 125
Accounts payable to affiliated companies	27	13
	—	364

Notes payable to affiliated companies		
Taxes accrued	31	19
Interest accrued	25	31
Current maturities of long-term debt	350	250
Regulatory liabilities	34	3
Other	51	69
Total current liabilities	649	874
Long-Term Debt	1,788	1,787
Other Noncurrent Liabilities		
Deferred income taxes	586	564
Asset retirement obligations	15	15
Regulatory liabilities	1,171	1,141
Accrued pension and other post-retirement benefit costs	3	5
Other	186	170
Total other noncurrent liabilities	1,961	1,895
Commitments and Contingencies		
Equity		
Common stock, no par value: 100 shares authorized and outstanding at 2018 and 2017	1,160	860
Retained earnings	883	802
Total equity	2,043	1,662
Total Liabilities and Equity	\$ 6,441	\$ 6,218

See Notes to Condensed Consolidated Financial Statements

36

PART I

PIEDMONT NATURAL GAS COMPANY, INC.
Condensed Consolidated Statements of Cash Flows
(Unaudited)

	Nine Months Ended September 30,	
(in millions)	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$ 81	\$ 76
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	120	112
Impairment charges	—	7
Deferred income taxes	2	127
Equity in earnings from unconsolidated affiliates	(6)	(8)
Accrued pension and other post-retirement benefit costs	(3)	9
Provision for rate refunds	31	—
(Increase) decrease in		
Receivables	192	157
Receivables from affiliated companies	(3)	(1)
Inventory	16	13
Other current assets	58	(129)
Increase (decrease) in		
Accounts payable	(48)	(52)
Accounts payable to affiliated companies	14	(1)
Taxes accrued	11	(37)
Other current liabilities	8	(21)
Other assets	(4)	(9)
Other liabilities	(5)	(7)
Net cash provided by operating activities	464	236
CASH FLOWS FROM INVESTING ACTIVITIES		
Capital expenditures	(497)	(407)
Cost of removal, net of salvage	(8)	—
Contributions to equity method investments	—	(12)
Notes receivable from affiliated companies	(11)	—
Other	3	2
Net cash used in investing activities	(513)	(417)
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from the issuance of long-term debt	100	250
Payments for the redemption of long-term debt	—	(35)
Notes payable and commercial paper	—	(330)
Notes payable to affiliated companies	(364)	284
Capital contributions from parent	300	—
Other	—	(1)
Net cash provided by financing activities	36	168
Net decrease in cash and cash equivalents	(13)	(13)
Cash and cash equivalents at beginning of period	19	25
Cash and cash equivalents at end of period	\$ 6	\$ 12
Supplemental Disclosures:		

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Significant non-cash transactions:

Accrued capital expenditures	\$ 89	\$ 47
Transfer of ownership interest of certain equity method investees to parent	—	149

See Notes to Condensed Consolidated Financial Statements

37

PART I

PIEDMONT NATURAL GAS COMPANY, INC.

Condensed Consolidated Statements of Changes in Equity
(Unaudited)

(in millions)	Common Stock	Retained Earnings	Total Equity
Balance at December 31, 2016	\$ 860	\$ 812	\$1,672
Net income	—	76	76
Transfer of ownership interest of certain equity method investees to parent	—	(149)	(149)
Balance at September 30, 2017	\$ 860	\$ 739	\$1,599
Balance at December 31, 2017	\$ 860	\$ 802	\$1,662
Net income	—	81	81
Contribution from parent	300	—	300
Balance at September 30, 2018	\$ 1,160	\$ 883	\$2,043

See Notes to Condensed Consolidated Financial Statements

38

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited)

Index to Combined Notes to Condensed Consolidated Financial Statements

The unaudited notes to the Condensed Consolidated Financial Statements that follow are a combined presentation.

The following list indicates the registrants to which the footnotes apply.

Registrant	Applicable Notes																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
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. ORGANIZATION AND BASIS OF PRESENTATION

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 separate subsidiary registrants (collectively referred to as the Subsidiary Registrants), which, along with Duke Energy, are collectively referred to as the Duke Energy Registrants. These Condensed 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 Condensed 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.

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 Condensed 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.

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.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

BASIS OF PRESENTATION

These Condensed Consolidated Financial Statements have been prepared in accordance with generally accepted accounting principles in the U.S. (GAAP) for interim financial information and with the instructions to Form 10-Q and Regulation S-X. Accordingly, these Condensed Consolidated Financial Statements do not include all information and notes required by GAAP for annual financial statements. Since the interim Condensed Consolidated Financial Statements and Notes do not include all information and notes required by GAAP in the U.S. for annual financial statements, the Condensed Consolidated Financial Statements and other information included in this quarterly report should be read in conjunction with the Consolidated Financial Statements and Notes in the Duke Energy Registrants' combined Annual Report on Form 10-K/A for the year ended December 31, 2017.

The information in these combined notes relates to each of the Duke Energy Registrants as noted in the Index to Combined Notes to Condensed Consolidated Financial Statements. However, none of the registrants make any representations as to information related solely to Duke Energy or the subsidiaries of Duke Energy other than itself. These Condensed Consolidated Financial Statements, in the opinion of the respective companies' management, reflect all normal recurring adjustments necessary to fairly present the financial position and results of operations of each of the Duke Energy Registrants. Amounts reported in Duke Energy's interim Condensed Consolidated Statements of Operations and each of the Subsidiary Registrants' interim Condensed Consolidated Statements of Operations and Comprehensive Income are not necessarily indicative of amounts expected for the respective annual periods due to effects of seasonal temperature variations on energy consumption, regulatory rulings, timing of maintenance on electric generating units, changes in mark-to-market valuations, changing commodity prices and other factors. In preparing financial statements that conform to GAAP, management 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.

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

REVENUE

Duke Energy recognizes revenue as customers obtain control of promised goods and services in an amount that reflects consideration expected in exchange for those goods or services. Generally, the delivery of electricity and natural gas results in the transfer of control to customers at the time the commodity is delivered and the amount of revenue recognized is equal to the amount billed to each customer, including estimated volumes delivered when billings have not yet occurred. See Note 13 for further information.

OTHER CURRENT ASSETS

Duke Energy recorded a receivable related to the Tax Act in Other within Current Assets in September 2018. As a result, Income taxes receivable exceeds five percent of Total current assets on the Duke Energy Condensed Consolidated Balance Sheets and is \$655 million and \$260 million as of September 30, 2018, and December 31, 2017, respectively. See Note 17 for further information.

CASH, CASH EQUIVALENTS AND RESTRICTED CASH

Duke Energy, Progress Energy and Duke Energy Florida have restricted cash balances related primarily to collateral assets, escrow deposits and variable interest entities (VIEs). See Note 12 for additional information. Restricted cash amounts are included in Other within Current Assets and Other Noncurrent Assets. The following table presents the components of cash, cash equivalents and restricted cash included in the Condensed Consolidated Balance Sheets.

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	September 30, 2018			December 31, 2017		
	Duke			Duke		
	Duke	Progress	Energy	Duke	Progress	Energy
	Energy	Energy	Florida	Energy	Energy	Florida
Current Assets						
Cash and cash equivalents	\$ 303	\$ 43	\$ 20	\$ 358	\$ 40	\$ 13
Other	139	14	14	138	40	40
Other Noncurrent Assets						
Other	7	6	—	9	7	—
Total cash, cash equivalents and restricted cash	\$ 449	\$ 63	\$ 34	\$ 505	\$ 87	\$ 53

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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 September 30, 2018, and December 31, 2017. The components of inventory are presented in the tables below.

	September 30, 2018							
	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
(in millions)								
Materials and supplies	\$2,283	\$ 758	\$ 1,071	\$ 748	\$ 323	\$ 87	\$ 294	\$ 1
Coal	515	176	187	99	88	14	138	—
Natural gas, oil and other fuel	342	42	215	109	106	34	2	50
Total inventory	\$3,140	\$ 976	\$ 1,473	\$ 956	\$ 517	\$ 135	\$ 434	\$ 51
	December 31, 2017							
	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
(in millions)								
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 fuel	354	35	219	104	115	34	2	64
Total inventory	\$3,250	\$ 971	\$ 1,592	\$ 1,017	\$ 574	\$ 133	\$ 450	\$ 66

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, excise taxes are accounted for on a net basis. Excise taxes accounted for on a gross basis within both Operating Revenues and Property and other taxes on the Condensed Consolidated Statements of Operations were as follows.

	Three Months Ended		Nine Months Ended	
	September 30, 2018	September 30, 2017	September 30, 2018	September 30, 2017
(in millions)				
Duke Energy	\$ 114	\$ 107	\$ 308	\$ 289
Duke Energy Carolinas	10	9	27	27
Progress Energy	71	67	181	168
Duke Energy Progress	5	5	15	14
Duke Energy Florida	66	62	166	154
Duke Energy Ohio	26	24	81	75
Duke Energy Indiana	6	6	17	16

Piedmont 1 1 2 3

NEW ACCOUNTING STANDARDS

The new accounting standards adopted for 2018 and 2017 had no material impact on the presentation or results of operations, cash flows or financial position of the Duke Energy Registrants. While immaterial, adoption of the following accounting standards had the most significant impact on the Duke Energy results of operations, cash flows and financial position for the nine months ended September 30, 2018.

Revenue from Contracts with Customers. In May 2014, the Financial Accounting Standards Board (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 expected in exchange for those goods or services. The amendments also required 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. The majority of Duke Energy's revenue is in scope of the new guidance. Other revenue arrangements, such as alternative revenue programs and certain purchase power agreements (PPAs) and lighting agreements accounted for as leases, are excluded from the scope of this guidance and, therefore, are accounted for and evaluated for separate presentation and disclosure under other relevant accounting guidance.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Duke Energy elected the modified retrospective method of adoption effective January 1, 2018. Under the modified retrospective method of adoption, prior year reported results are not restated. Adoption of this standard did not result in a material change in the timing or pattern of revenue recognition and a cumulative-effect adjustment was not recorded at January 1, 2018. Duke Energy utilized certain practical expedients including applying this guidance to open contracts at the date of adoption, expensing costs to obtain a contract where the amortization period of the asset would have been one year or less, ignoring the effects of a significant financing when the period between transfer of the good or service and payment is one year or less and recognizing revenues for certain contracts under the invoice practical expedient, which allows revenue recognition to be consistent with invoiced amounts (including unbilled estimates) provided certain criteria are met, including consideration of whether the invoiced amounts reasonably represent the value provided to customers.

In preparation for adoption, Duke Energy identified material revenue streams and reviewed representative contracts and tariffs, including those associated with certain long-term customer contracts such as wholesale contracts, PPAs and other customer arrangements. Duke Energy also monitored the activities of the power and utilities industry revenue recognition task force and has reviewed published positions on specific industry issues to evaluate the impact, if any, on Duke Energy's specific contracts and conclusions.

Duke Energy applied the available practical expedient to portfolios of tariffs and contracts with similar characteristics. The vast majority of sales, including energy provided to retail customers, are from tariff offerings that provide natural gas or electricity without a defined contractual term ("at-will"). In most circumstances, revenue from contracts with customers is equivalent to the electricity or natural gas supplied and billed in that period (including unbilled estimates). As such, adoption of the new rules did not result in a shift in the timing or pattern of revenue recognition for such sales. While there have been changes to the captions and descriptions of revenues in Duke Energy's financial statements, the most significant impact as a result of adopting the standard are additional disclosures around the nature, amount, timing and uncertainty of revenues and cash flows arising from contracts with customers. See Note 13 for further information.

Financial Instruments Classification and Measurement. On January 1, 2018, Duke Energy adopted FASB guidance, which revised the classification and measurement of certain financial instruments. The adopted guidance changes the presentation of realized and unrealized gains and losses in certain equity securities that were previously recorded in accumulated other comprehensive income (AOCI). These gains and losses are now recorded in net income. 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. This guidance had a minimal impact on the Duke Energy Registrant's Condensed Consolidated Statements of Operations and Comprehensive Income as changes in the fair value of most of the Duke Energy Registrants' equity securities are deferred as regulatory assets or liabilities pursuant to accounting guidance for regulated operations. The resulting adjustment of unrealized gains and losses in AOCI to retained earnings was immaterial. The primary impact to Duke Energy as a result of implementing this guidance is adding disclosure requirements to present separately the financial assets and financial liabilities by measurement category and form of financial asset. See Notes 10 and 11 for further information.

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 Condensed Consolidated Statements of Cash Flows. Under the updated guidance, restricted cash and restricted cash equivalents are included within beginning-of-period and end-of-period cash and cash equivalents on the Condensed Consolidated Statements of Cash

Flows. Duke Energy adopted this guidance on January 1, 2018. The guidance has been applied using a retrospective transition method to each period presented. The adoption by Duke Energy of the revised guidance resulted in a change to the amount of Cash, cash equivalents and restricted cash explained when reconciling the beginning-of-period and end-of-period total amounts shown on the Condensed Consolidated Statements of Cash Flows. In addition, a reconciliation has been provided of Cash, cash equivalents and restricted cash reported within the Condensed Consolidated Balance Sheets that sums to the total of the same such amounts in the Condensed Consolidated Statements of Cash Flows. Prior to adoption, the Duke Energy Registrants reflected changes in noncurrent restricted cash within Cash Flows from Investing Activities and changes in current restricted cash within Cash Flows from Operating Activities on the Condensed Consolidated Statements of Cash Flows.

In August 2016, the FASB issued accounting guidance addressing diversity in practice for eight separate cash flow issues. The guidance requires entities to classify distributions received from equity method investees using either the cumulative earnings approach or the nature of the distribution approach. Duke Energy adopted this guidance on January 1, 2018, and elected the nature of distribution approach. This approach requires all distributions received to be categorized based on legal documentation describing the nature of the activities generating the distribution. Cash inflows resulting in a return on investment (surplus) will be reflected in Cash Flows from Operating Activities on the Condensed Consolidated Statements of Cash Flows, whereas cash inflows resulting in a return of investment (capital) will be reflected in Cash Flows from Investing Activities on the Condensed Consolidated Statements of Cash Flows. The guidance has been applied using the retrospective transition method to each period presented. There are no changes to the Condensed Consolidated Statements of Cash Flows for the periods presented as a result of this accounting change.

Retirement Benefits. In March 2017, the FASB issued revised accounting guidance for the presentation of net periodic costs related to benefit plans. Previous guidance required the aggregation of all the components of net periodic costs on the Condensed Consolidated Statement of Operations and did not require the disclosure of the location of net periodic costs on the Condensed Consolidated Statement of Operations. Under the amended guidance, the service cost component of net periodic costs is included within Operating Income within the same line as other compensation expenses. All other components of net periodic costs are 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 previous guidance, which permitted all components of net periodic costs to be eligible for capitalization.

Duke Energy adopted this guidance on January 1, 2018. Under previous guidance, Duke Energy presented the total non-capitalized net periodic costs within Operation, maintenance and other on the Condensed Consolidated Statements of Operations. The adoption of this guidance resulted 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 utilized the practical expedient for retrospective presentation. The change in components of net periodic costs eligible for capitalization is applicable prospectively. Since Duke Energy's service cost component is greater than the total net periodic costs, the change results in increased capitalization of net periodic costs, higher Operation, maintenance and other and higher Other income and expenses. The resulting prospective impact to Duke Energy is an immaterial increase in Net Income. See Note 15 for further information.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

For Duke Energy, the retrospective change resulted in higher Operation, maintenance and other and higher Other income and expenses, net, of \$156 million, \$131 million and \$96 million for the years ended December 31, 2017, 2016 and 2015, respectively. There was no change to Net Income for these prior periods.

The following new Accounting Standards Updates (ASUs) have been issued, but have not yet been adopted by Duke Energy, as of September 30, 2018.

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 will be applied using a modified retrospective approach. Upon adoption, agreements considered leases for the use of certain aircraft, space on communication towers, industrial equipment, fleet vehicles, fuel transportation (barges and railcars), land and office space will be recognized on the balance sheet. Duke Energy expects to elect certain of the following practical expedients upon adoption:

Practical Expedient	Description	Election
Package of transition practical expedients (for leases commenced prior to adoption date and must be adopted as a package)	Do not need to 1) reassess whether any expired or existing contracts are/or contain leases, 2) reassess the lease classification for any expired or existing leases and 3) reassess initial direct costs for any existing leases.	Duke Energy plans to elect this practical expedient.
Short-term lease expedient (elect by class of underlying asset)	Elect as an accounting policy to not apply the recognition requirements to short-term leases by asset class.	Duke Energy plans to elect this practical expedient for all asset classes.
Lease and non-lease components (elect by class of underlying asset)	Elect as an accounting policy to not separate non-lease components from lease components and instead account for each lease and associated non-lease component as a single lease component by asset class.	Duke Energy is currently assessing the election of this practical expedient.
Hindsight expedient (when determining lease term)	Elect to use hindsight to determine the lease term.	Duke Energy plans to elect this practical expedient.
Existing and expired land easements not previously accounted for as leases	Elect to not evaluate existing or expired easements under the new guidance and carry forward current accounting treatment.	Duke Energy plans to elect this practical expedient.
Comparative reporting requirements for initial adoption	Elect to apply transition requirements at adoption date, recognize cumulative effect adjustment to retained earnings in period of adoption and not apply ASC 842 to comparative periods, including disclosures.	Duke Energy plans to elect this practical expedient.
Lessor expedient (elect by class of underlying asset)	Elect as an accounting policy to aggregate non-lease components with the related lease component when specified conditions are met by asset class. Account for the combined component based on its predominant characteristic (revenue or operating lease).	Duke Energy is currently assessing the election of this practical expedient.

Duke Energy is currently evaluating the financial statement impact of adopting this standard and is continuing to monitor industry implementation issues, including leases within asset retirement obligations, pipeline laterals and renewable energy PPAs. In arrangements where Duke Energy is the lessee, it expects an increase in assets and liabilities on its balance sheet along with the addition of required disclosures of key lease information. However, the ultimate lessee impact of the new standard has not yet been determined. Duke Energy does not expect a material change to its financial statements from adoption of the new standard for contracts where it is the lessor. 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 is implementing a third-party software tool to help with the adoption and ongoing accounting under the new standard.

2. 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 includes intercompany revenues and expenses that are eliminated on the Condensed Consolidated Financial Statements. Certain governance costs are allocated to each segment. In addition, direct interest expense and income taxes are included in segment income.

Duke Energy

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

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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 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.

Commercial Renewables 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 interest expense on holding company debt, unallocated corporate costs and Duke Energy's wholly owned captive insurance company, Bison Insurance Company Limited (Bison). Other also includes Duke Energy's 17.5 percent interest in National Methanol Company (NMC), a large regional producer of methyl tertiary butyl ether located in Saudi Arabia. The investment in NMC is accounted for under the equity method of accounting.

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

	Three Months Ended September 30, 2018						
	Electric Utilities and Infrastructure	Gas Utilities and Infrastructure	Commercial Renewables	Segments	Other	Eliminations	
(in millions)							Consolidated
Unaffiliated revenues	\$6,253	\$ 232	\$ 127	\$ 6,612	\$16	\$ —	\$ 6,628
Intersegment revenues	7	24	—	31	18	(49)	—
Total revenues	\$6,260	\$ 256	\$ 127	\$ 6,643	\$34	\$ (49)	\$ 6,628
Segment income (loss) ^{(a)(b)(c)}	\$1,167	\$ 17	\$ (62)	\$ 1,122	\$ (44)	\$ —	\$ 1,078
Add back noncontrolling interests							(16)
Income from discontinued operations, net of tax							4
Net income							\$ 1,066
Segment assets	\$123,847	\$ 11,806	\$ 4,212	\$ 139,865	\$3,115	\$ 185	\$ 143,165
	Three Months Ended September 30, 2017						
	Electric Utilities and Infrastructure	Gas Utilities and Infrastructure	Commercial Renewables	Segments	Other	Eliminations	
(in millions)							Consolidated
Unaffiliated revenues	\$6,122	\$ 249	\$ 95	\$ 6,466	\$16	\$ —	\$ 6,482
Intersegment revenues	7	23	—	30	19	(49)	—
Total revenues	\$6,129	\$ 272	\$ 95	\$ 6,496	\$35	\$ (49)	\$ 6,482
Segment income (loss) ^{(b)(d)(e)}	\$1,020	\$ 19	\$ (49)	\$ 990	\$ (34)	\$ —	\$ 956

Add back noncontrolling interests	1
Loss from discontinued operations, net of tax	(2)
Net income	\$ 955

(a) All segments include adjustments to the December 31, 2017 estimate of the income tax effects of the Tax Act. See Note 17 for additional information.

(b) Other includes costs to achieve the Piedmont acquisition.

(c) Commercial Renewables includes an impairment charge related to goodwill. See Note 7 for additional information.

(d) Electric Utilities and Infrastructure includes an impairment charge related to the unrecovered Levy Nuclear Project costs at Duke Energy Florida.

(e) Commercial Renewables includes impairment charges related to certain wind projects.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

	Nine Months Ended September 30, 2018						
	Electric Utilities and Infrastructure	Gas Utilities and Infrastructure	Commercial Renewables	Reportable Segments	Other	Eliminations	Consolidated
(in millions)							
Unaffiliated revenues	\$ 16,783	\$ 1,229	\$ 347	\$ 18,359	\$ 47	\$ —	\$ 18,406
Intersegment revenues	23	72	—	95	54	(149)	—
Total revenues	\$ 16,806	\$ 1,301	\$ 347	\$ 18,454	\$ 101	\$ (149)	\$ 18,406
Segment income (loss) ^{(a)(b)(c)(d)(e)(f)}	\$ 2,492	\$ 161	\$ (4)	\$ 2,649	\$ (446)	\$ —	\$ 2,203
Add back noncontrolling interests							(12)
Loss from discontinued operations, net of tax							(1)
Net income							\$ 2,190
	Nine Months Ended September 30, 2017						
	Electric Utilities and Infrastructure	Gas Utilities and Infrastructure	Commercial Renewables	Reportable Segments	Other	Eliminations	Consolidated
(in millions)							
Unaffiliated revenues	\$ 16,211	\$ 1,175	\$ 333	\$ 17,719	\$ 47	\$ —	\$ 17,766
Intersegment revenues	23	68	—	91	56	(147)	—
Total revenues	\$ 16,234	\$ 1,243	\$ 333	\$ 17,810	\$ 103	\$ (147)	\$ 17,766
Segment income (loss) ^{(c)(g)(h)}	\$ 2,384	\$ 179	\$ 2	\$ 2,565	\$ (205)	\$ —	\$ 2,360
Add back noncontrolling interests							5
Loss from discontinued operations, net of tax							(4)
Net income							\$ 2,361

(a) All segments include adjustments to the December 31, 2017 estimate of the income tax effects of the Tax Act. See Note 17 for additional information.

(b) Electric Utilities and Infrastructure includes regulatory and legislative impairment charges related to rate case orders, settlements or other actions of regulators or legislative bodies. See Note 3 for additional information.

(c) Other includes costs to achieve the Piedmont acquisition.

(d) Gas Utilities and Infrastructure includes an impairment of the investment in Constitution Pipeline Company, LLC (Constitution). See Note 3 for additional information.

Other includes the loss on the sale of the retired Beckjord Generating Station (Beckjord) described below and a valuation allowance recorded against the alternative minimum tax credits subject to sequestration. See Note 17 for additional information on the valuation allowance.

(f) Commercial Renewables includes an impairment charge related to goodwill. See Note 7 for additional information.

(g) Electric Utilities and Infrastructure includes an impairment charge related to the unrecovered Levy Nuclear Project costs at Duke Energy Florida.

(h) Commercial Renewables includes impairment charges related to certain wind projects.

In February 2018, Duke Energy sold Beckjord, a nonregulated facility retired during 2014, and recorded a pretax loss of \$106 million within Gains (Losses) on Sales of Other Assets and Other, net and \$1 million within Operation, maintenance and other on Duke Energy's Condensed Consolidated Statements of Operations for the nine months ended September 30, 2018. The sale included the transfer of coal ash basins and other real property and indemnification from any and all potential future claims related to the property, whether arising under environmental laws or otherwise.

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. Both reportable operating segments conduct operations primarily through Duke Energy Ohio and its wholly owned subsidiary, Duke Energy Kentucky.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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 the Ohio Valley Electric Corporation's (OVEC) power plants. See Note 8 for additional information on related party transactions.

Three Months Ended September 30, 2018						
	Electric	Gas	Total			
	Utilities	Utilities and	Reportable			
(in millions)	and	Infrastructure	Segments	Other	Eliminations	Consolidated
Total revenues	\$373	\$ 84	\$ 457	\$ 12	\$ —	\$ 469
Segment income/Net income	\$85	\$ 12	\$ 97	\$ 3	\$ —	\$ 100
Segment assets	\$5,484	\$ 2,775	\$ 8,259	\$ 39	\$ (2)	\$ 8,296

Three Months Ended September 30, 2017					
	Electric	Gas	Total		
	Utilities	Utilities and	Reportable		
(in millions)	and	Infrastructure	Segments	Other	Consolidated
Total revenues	\$371	\$ 90	\$ 461	\$ 10	\$ 471
Segment income (loss)	\$50	\$ 14	\$ 64	\$ (8)	\$ 56
Loss from discontinued operations, net of tax					(1)
Net income					\$ 55

Nine Months Ended September 30, 2018					
	Electric	Gas	Total		
	Utilities	Utilities and	Reportable		
(in millions)	and	Infrastructure	Segments	Other	Consolidated
Total revenues	\$1,055	\$ 361	\$ 1,416	\$ 36	\$ 1,452
Segment income (loss)/Net income ^(a)	\$157	\$ 64	\$ 221	\$ (100)	\$ 121

Nine Months Ended September 30, 2017					
	Electric	Gas	Total		
	Utilities	Utilities and	Reportable		
(in millions)	and	Infrastructure	Segments	Other	Consolidated
Total revenues	\$1,036	\$ 360	\$ 1,396	\$ 30	\$ 1,426
Segment income (loss)	\$96	\$ 56	\$ 152	\$ (24)	\$ 128
Loss from discontinued operations, net of tax					(1)
Net income					\$ 127

(a) Other includes the loss on the sale of Beckjord.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

3. REGULATORY MATTERS

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.

Duke Energy Carolinas and Duke Energy Progress

Grid Improvement – South Carolina

On June 22, 2018, Duke Energy Carolinas and Duke Energy Progress filed a joint petition with the PSCSC seeking an accounting order authorizing deferral of certain costs incurred in connection with grid reliability, resiliency and modernization work that is being performed under the companies' grid improvement initiative. On October 3, 2018, the PSCSC granted Duke Energy Carolinas' and Duke Energy Progress' joint petition.

Hurricane Florence Storm Damage

In September 2018, Hurricane Florence made landfall and inflicted severe damage to the Duke Energy Carolinas and Duke Energy Progress territories in North Carolina and South Carolina. Approximately 1.8 million customers were impacted. The companies incurred approximately \$455 million in operation and maintenance expenses (\$35 million and \$420 million for Duke Energy Carolinas and Duke Energy Progress, respectively,) and approximately \$85 million in capital costs (\$10 million and \$75 million for Duke Energy Carolinas and Duke Energy Progress, respectively,) which are included in Net property, plant and equipment on the Condensed Consolidated Balance Sheets as of September 30, 2018, resulting from the hurricane restoration efforts. Most of the operation and maintenance expenses are deferred in Regulatory assets within Other Noncurrent Assets on the Condensed Consolidated Balance Sheets as of September 30, 2018. The balance of operation and maintenance expenses are included in Operation, maintenance and other on the Condensed Consolidated Statements of Operations for the three and nine months ended September 30, 2018.

Given the magnitude of the storm, Duke Energy Progress intends to request approval in North Carolina and South Carolina to defer the incremental costs incurred to a regulatory asset for recovery in the next base rate case. These requests are expected to be filed during the fourth quarter of 2018.

Duke Energy Carolinas

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 represented an approximate 13.6 percent increase in annual base revenues. The rate increase was driven by capital investments subsequent to the previous base rate case, including the William States Lee Combined Cycle Facility discussed below, grid improvement projects, advanced metering infrastructure (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 February 28, 2018, Duke Energy Carolinas and the North Carolina Public Staff (Public Staff) filed an Agreement and Stipulation of Partial Settlement resolving certain portions of the proceeding. Terms of the settlement included 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, Duke Energy Carolinas recorded a pretax charge of approximately \$4 million to Operation, maintenance and other on the Condensed Consolidated Statements of Operations.

On June 1, 2018, Duke Energy Carolinas and certain intervenors filed a Pilot Grid Rider Agreement and Stipulation (Grid Rider Stipulation) in which the parties agreed to the proposal Duke Energy Carolinas introduced in a post-hearing brief on April 27, 2018, along with additional commitments by Duke Energy Carolinas. Also on June 1, 2018, Duke Energy Carolinas and the Commercial Group filed a Partial Stipulation and Settlement Agreement to be considered in conjunction with the Stipulation.

Components of the Grid Rider Stipulation included:

- Duke Energy Carolinas would recover grid improvement costs through a pilot, three-year Grid Rider except for costs related to targeted undergrounding of power lines, cable and conduit replacement, and power pole replacement;
- Excluded costs were to be deferred with a return until Duke Energy Carolinas' next base rate case proceeding; and
- Costs incurred during the three-year pilot, both rider recoverable and deferred, were subject to a 4.5 percent cumulative cap of total annual electric service revenue.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

On June 22, 2018, the NCUC issued an order approving the Stipulation of Partial Settlement and requiring a revenue reduction. The order also included the following material components not covered in the Stipulation:

- Recovery of \$554 million of deferred coal ash basin closure costs over a five-year period with a return at Duke Energy Carolinas' weighted average cost of capital (WACC);

- Assessment of a \$70 million management penalty ratably over a five-year period by reducing the annual recovery of the deferred coal ash costs;

- Denial of Duke Energy Carolinas' request for recovery of future estimated ongoing annual coal ash costs of \$201 million with approval to defer such costs with a return at Duke Energy Carolinas' WACC, to be considered for recovery in the next rate case;

- Inclusion in rates of costs related to the Lee Combined Cycle Facility, two new solar facilities, and AMI deployment as requested;

- Recovery of Lee Nuclear Station licensing and development cost of \$347 million over a 12-year period, but denial of a return on the deferred balance of costs;

- Reduction in revenue related to lower income tax expense resulting from the Federal Tax Cuts and Jobs Act (Tax Act), and a requirement to maintain all excess deferred income tax (EDIT) resulting from the Tax Act in a regulatory liability account pending flow back to customers as approved by the commission at the earlier of three years or Duke Energy Carolinas' next general rate case proceeding; and

- Denial of the proposed Grid Rider Stipulation related to grid improvement costs and denial of deferral accounting treatment of the costs at this time. Duke Energy Carolinas may petition for deferral of grid modernization costs outside of a general rate case proceeding if it can show financial hardship or a stipulation that includes greater consensus among intervening parties on costs being classified as grid modernization.

As a result of the Order, Duke Energy Carolinas recorded a pretax charge of approximately \$150 million to Impairment charges and Operation, maintenance and other on the Condensed Consolidated Statements of Operations. The charge is primarily related to the denial of a return on the Lee Nuclear Project and for previously recognized return impacted by the coal ash management penalty described above. On July 27, 2018, NCUC approved Duke Energy Carolinas' compliance filing. As a result, revised customer rates were effective on August 1, 2018.

On July 20, 2018, the North Carolina Attorney General filed a Notice of Appeal to the North Carolina Supreme Court from the June 22, 2018, Order Accepting Stipulation, Deciding Contested Issues and Requiring Revenue Reduction issued by the NCUC. The Attorney General contends the commission's order should be reversed and remanded, as it is in excess of the commission's statutory authority; affected by errors of law; unsupported by competent, material and substantial evidence in view of the entire record as submitted; and arbitrary or capricious. The Sierra Club, North Carolina Sustainable Energy Association, North Carolina Justice Center, North Carolina Housing Coalition, Natural Resource Defense Council and Southern Alliance for Clean Energy have also filed Notices of Appeal to the North Carolina Supreme Court from the June 22, 2018, Order Accepting Stipulation, Deciding Contested Issues and Requiring Revenue Reduction. On August 8, 2018, the Public Staff filed a Notice of Cross Appeal to the North Carolina Supreme Court from the June 22, 2018, Order Accepting Stipulation, Deciding Contested Issues and Requiring Revenue Reduction issued by the NCUC. The Public Staff contends the commission's order should be reversed and remanded, as it is affected by errors of law, and is unsupported by substantial evidence with regard to the commission's failure to consider substantial evidence of coal ash related environmental violations. The briefing will likely be delayed until the second quarter of 2019. Duke Energy Carolinas cannot predict the outcome of this matter.

2018 South Carolina Rate Case

On October 8, 2018, Duke Energy Carolinas filed a notice with the PSCSC of the company's intent to file a base rate adjustment application no earlier than 30 days from the notice submittal date.

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 PPA between the parties by including in its rates amortization expense associated with regulatory assets and recorded in a certain account without FERC approval. 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. Duke Energy Carolinas has issued to PMPA and similarly situated wholesale customers refunds of approximately \$25 million. FERC also set the matter for settlement and hearing. PMPA and other customers filed a protest to Duke Energy Carolinas' refund report claiming that the refunds are inadequate in that (1) Duke Energy Carolinas invoked the limitations periods in the contracts to limit the time period for which the refunds were paid and the customers disagree that this limitation applies, and (2) Duke Energy Carolinas refunded only amounts recovered through a certain account and the customers have asserted that the order applies to all regulatory assets. On July 3, 2018, FERC issued an order accepting Duke Energy Carolinas' refund report and ruling that these two claims are outside the scope of FERC's February order. Duke Energy Carolinas will file revised formula rates as well as settlement agreements which are subject to FERC approval. Duke Energy Carolinas cannot predict the outcome of this matter.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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 for the construction and operation of a 750-megawatt (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 its share of the cost to build the facility was approximately \$650 million, including allowance for funds used during construction (AFUDC). Approximately \$600 million is being recovered through base rate or deferral filings in North Carolina and South Carolina. The remaining amount will be included in future rate filings. The project commenced commercial operation on April 5, 2018. NCEMC owns approximately 13 percent of the project.

Lee Nuclear Station

In December 2007, Duke Energy Carolinas applied to the NRC for combined operating licenses (COLs) for two Westinghouse Electric Company (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 prudence 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 a result of the COLs being issued. The Duke Energy Carolinas rate case filing discussed above included a request to cancel the development of the Lee Nuclear Station project, recover incurred licensing and development costs and maintain the license issued by the NRC as an option for potential future development. The cancellation request was due to the Westinghouse bankruptcy filing and other market activity. The NCUC Order issued on June 22, 2018, approved the cancellation of the Lee Nuclear Project, allowed Duke Energy Carolinas to continue to maintain the COLs, provided for recovery of the North Carolina retail allocation of project development costs, including AFUDC accrued through December 31, 2017, over 12 years and disallowed any return on the unamortized balance during the 12-year recovery period.

Given the recent repeal of certain sections of the Base Load Review Act in South Carolina combined with the cancellation of the project, Duke Energy Carolinas determined that it was no longer probable it would be allowed a return on its share of project development costs attributable to South Carolina. As a result, Duke Energy Carolinas recorded a pretax impairment in the second quarter of \$29 million within Impairment charges on the Condensed Consolidated Statements of Operations and Comprehensive Income.

South Carolina Petition

On June 22, 2018, Duke Energy Carolinas filed a petition with the PSCSC requesting an accounting order to defer certain costs incurred in connection with the addition of the William States Lee Combined Cycle Facility, the ongoing deployment of Duke Energy Carolinas new billing and Customer Information System and the addition of the Carolinas West Primary Distribution Control Center. This request totaling approximately \$33 million was approved on July 25, 2018.

Sale of Hydroelectric (Hydro) Plants

In May 2018, Duke Energy Carolinas entered an agreement for the sale of five hydro plants with a combined 18.7-MW generation capacity in the Western Carolinas region to Northbrook Energy. The completion of the transaction is subject to approval from FERC, as well as other state regulatory agencies and is contingent upon regulatory approval from the NCUC and PSCSC to defer the total estimated loss on the sale of approximately \$40

million. On July 5, 2018, Duke Energy Carolinas filed with NCUC for approval of the sale of the five hydro plants to Northbrook, to transfer the Certificates of Public Convenience and Necessity (CPCN) for the four North Carolina hydro plants and to establish a regulatory asset for the North Carolina retail portion of the difference between sales proceeds and net book value. On September 4, 2018, the Public Staff filed comments supporting the CPCN transfer with conditions, specifically that the commission direct Duke Energy Carolinas and the Public Staff to further evaluate the reasonableness of Duke Energy Carolinas' expenditures at the facilities in the 36 months leading up to the agreement for the sale for consideration in the next rate case. On September 18, 2018, Duke Energy Carolinas filed reply comments opposing this condition. The Public Staff also recommended that the amortization period for the regulatory asset start in the month in which the asset transfer is completed, rather than be delayed until the next rate case. On August 28, 2018, Duke Energy Carolinas filed with PSCSC its Application for Approval of Transfer and Sale of Hydroelectric Generation Facilities, Acceptance for Filing of a Power Purchase Agreement and an Accounting Order to Establish a Regulatory Asset. On September 10, 2018, the South Carolina Office of Regulatory Staff (ORS) provided a letter to the commission stating its position on the application and on September 18, 2018, Duke Energy Carolinas requested this matter be carried over to allow Duke Energy Carolinas time to discuss certain accounting issues with the ORS. On October 9, 2018, Duke Energy Carolinas filed a Notice of Application for Transfer of Licenses with the FERC, which provides 30 days to file comments and motions to intervene.

If commission approvals are not received, Duke Energy Carolinas can cancel the sales agreement and retain the hydro facilities. If commission approvals are received, the closing is expected to occur during the first quarter of 2019. After closing, Duke Energy Carolinas will purchase all the capacity and energy generated by these facilities at the avoided cost for five years through power purchase agreements. Duke Energy Carolinas cannot predict the outcome of this matter.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Duke Energy Progress

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 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 July 10, 2017, the NCUC consolidated Duke Energy Progress' storm deferral request into the Duke Energy Progress rate case docket for decision.

On November 22, 2017, Duke Energy Progress and the Public Staff filed an Agreement and Stipulation of Partial Settlement resolving certain portions of the proceeding. Terms of the settlement included 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 Condensed Consolidated Statements of Operations, principally related to disallowances from rate base of certain projects at the Mayo and Sutton plants. On February 23, 2018, the NCUC issued an order approving the stipulation. The order also included the following material components not covered in the stipulation: Recovery of the remaining \$234 million of deferred coal ash basin closure costs over a five-year period with a return at Duke Energy Progress' WACC, excluding \$9.5 million of retail deferred coal ash basin costs related to ash hauling at Duke Energy Progress' Asheville Plant;

Assessment of a \$30 million management penalty ratably over a five-year period by reducing the annual recovery of the deferred coal ash costs;

Denial of Duke Energy Progress' request for recovery of future estimated ongoing annual coal ash costs of \$129 million with approval to defer such costs with a return at Duke Energy Progress' WACC, to be considered for recovery in the next rate case; and

Approval to recover \$51 million of the approximately \$80 million deferred storm costs over a five-year period with amortization beginning in October 2016. The order did not allow the deferral of the associated capital costs or a return on the deferred balance during the deferral period.

The order also impacted certain amounts that were similarly recorded on Duke Energy Carolinas' Condensed Consolidated Balance Sheets. As a result of the order, Duke Energy Progress and Duke Energy Carolinas recorded pretax charges of \$68 million and \$14 million, respectively, in the first quarter of 2018 to Impairment charges, Operation, maintenance and other and Interest Expense on the Condensed Consolidated Statements of Operations. These charges primarily related to the coal ash basin disallowance and previously recognized return impacted by the coal ash management penalty and deferred storm cost adjustments. Revised customer rates became effective on March 16, 2018.

On May 15, 2018, the Public Staff filed a Notice of Cross Appeal to the North Carolina Supreme Court from the February 23, 2018, Order Accepting Stipulation, Deciding Contested Issues and Granting Partial Rate Increase issued

by the NCUC. The Public Staff contend the commission's order should be reversed and remanded, as it is affected by errors of law, and is unsupported by competent, material and substantial evidence in view of the entire record as submitted. The North Carolina Attorney General and Sierra Club have also filed Notices of Appeal to the North Carolina Supreme Court from the February 23, 2018, Order Accepting Stipulation, Deciding Contested Issues and Granting Partial Rate Increase. The briefing will likely be delayed until the second quarter of 2019. Duke Energy Progress cannot predict the outcome of this matter.

2016 South Carolina Rate Case

In December 2016, the PSCSC approved a rate case settlement agreement among the ORS, 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.

2018 South Carolina Rate Case

On October 8, 2018, Duke Energy Progress filed a notice with the PSCSC of the company's intent to file a base rate adjustment application no earlier than 30 days from the notice submittal date.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (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, 2018, 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 complete 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 \$352 million and \$385 million is included in Generation facilities to be retired, net on Duke Energy Progress' Condensed Consolidated Balance Sheets as of September 30, 2018, and December 31, 2017, respectively. Duke Energy Progress' request for a regulatory asset at the time of retirement with amortization over a 10-year period was approved by the NCUC on February 23, 2018.

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' Condensed 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. NCUC approved the settlement on February 23, 2018.

South Carolina Petitions

On June 22, 2018, Duke Energy Progress filed a petition with the PSCSC seeking an accounting order authorizing Duke Energy Progress to adopt new depreciation rates, effective March 16, 2018, that reflect the results of Duke Energy Progress' most recent depreciation study. Also on June 22, 2018, Duke Energy Progress filed a petition with the PSCSC requesting an accounting order to defer certain costs incurred in connection with the deployment of AMI, the ongoing deployment of Duke Energy Progress' new billing and Customer Information System, new depreciation rates and costs incurred in connection with the return of certain excess deferred state income taxes from North Carolina. These requests totaling approximately \$20 million were approved on July 25, 2018.

FERC Form 1 Reporting Matter

On October 18, 2017, Fayetteville Public Works Commission (FPWC) filed with FERC a complaint against Duke Energy Progress. In the complaint, FPWC alleges that Duke Energy Progress' change in its method of reporting materials and supplies inventory on FERC Form 1 for 2015 constituted a change in accounting practice that Duke Energy Progress was not permitted to implement without first obtaining FERC approval. On April 23, 2018, FERC issued an order finding that Duke Energy Progress' new reporting methodology was not proper and required Duke Energy Progress to revise its FERC Form 1s beginning in 2014 and to issue refunds to formula rate customers. Duke Energy Progress estimates that these refunds will total approximately \$14 million. On May 23, 2018, Duke Energy Progress filed a request for rehearing alleging that FERC's order is incorrect. Duke Energy Progress revised its FERC Form 1 filings in June 2018. On August 31, 2018, Duke Energy Progress filed with FERC a refund report memorializing its payment of refunds to FPWC. Duke Energy Progress cannot predict the outcome of this matter.

Tax Act

As ordered by the NCUC on October 5, 2018, Duke Energy Progress filed a proposal on October 25, 2018, to adjust rates to reflect the reduction in federal corporate income tax rate from 35 to 21 percent for taxable years beginning after December 31, 2017, as outlined in the Tax Act. Duke Energy Progress proposes that this rate decrement be effective for service rendered on and after December 1, 2018. The Public Staff is requested to file comments on the proposal no later than November 14, 2018, and other parties may also file comments on the proposals no later than November 14, 2018. Duke Energy Progress cannot predict the outcome of this matter.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Duke Energy Florida

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. On February 6, 2018, the FPSC approved a stipulation that would apply tax savings resulting from the Tax Act toward storm costs effective January 2018 in lieu of implementing a storm surcharge. Storm costs are currently expected to be fully recovered by approximately mid-2021. On May 31, 2018, Duke Energy Florida filed a petition for approval of actual storm restoration costs and associated recovery process related to Hurricanes Irma and Nate. The petition is seeking the approval for the recovery in the amount of \$510 million in actual recoverable storm restoration costs, including the replenishment of Duke Energy Florida's storm reserve of \$132 million, and the process for recovering these recoverable storm costs. On August 20, 2018, the FPSC approved Duke Energy Florida's unopposed Motion for Continuance filed August 17, 2018, to allow for an evidentiary hearing in this matter. The commission has scheduled the hearing to begin on May 21, 2019. At September 30, 2018, Duke Energy Florida's Condensed Consolidated Balance Sheets included approximately \$258 million of recoverable costs under the FPSC's storm rule in Regulatory assets within Current Assets and Other Noncurrent Assets related to storm recovery. Duke Energy Florida cannot predict the outcome of this matter.

Tax Act

Pursuant to Duke Energy Florida's 2017 Revised and Restated Settlement Agreement, on May 31, 2018, Duke Energy Florida filed a petition related to the Tax Act, which included annual tax savings of \$84 million and annual amortization of EDIT of \$67 million for a total of \$151 million. The pretax revenue requirement impact is \$201 million, of which \$50 million will be offset with accelerated depreciation of Crystal River 4 and 5 coal units and \$151 million will be offset by Hurricane Irma storm cost recovery as explained in the Storm Restoration Cost Recovery section above. The petition is subject to review and approval by the FPSC. Duke Energy Florida cannot predict the outcome of this matter.

Citrus County Combined Cycle Facility

On October 2, 2014, the FPSC granted Duke Energy Florida a Determination of Need for the construction of a 1,640-MW combined-cycle natural gas plant in Citrus County, Florida. On May 5, 2015, the Florida Department of Environmental Protection approved Duke Energy Florida's Site Certification Application. The project has received all required permits and approvals and construction began in October 2015. The facility is expected to be commercially available by the end of 2018 at an estimated cost of \$1.5 billion, including AFUDC. Actual costs are expected to exceed this estimate by an immaterial amount after recoveries; therefore, an impairment is not expected. On April 2, 2018, Duke Energy Florida filed a petition seeking approval to include in base rates the revenue requirements associated with the new facility. The annual retail revenue requirement is approximately \$200 million. On July 10, 2018, the FPSC voted to approve Duke Energy Florida's request to include the revenue requirements for the new Citrus County combined-cycle units in base rates. The first 820-MW power block came on line on October 26, 2018, and the rate increase for this unit will be effective in December 2018. The second 820-MW power block remains on track to start serving customers in December 2018. The rate increase for the second unit is expected to take place in January 2019. The plant will receive natural gas from the Sabal Trail pipeline discussed below.

Solar Base Rate Adjustment

On July 31, 2018, Duke Energy Florida petitioned the FPSC to include in base rates the revenue requirements for its first two solar generation projects, the Hamilton Project and the Columbia Project, as authorized by the 2017 Second Revised and Restated Stipulation and Settlement Agreement. The annual retail revenue requirement for the Hamilton Project is \$15.2 million and the increase would take effect with the first billing cycle in January 2019. The Columbia Project has a projected annual revenue requirement of \$14 million and a projected in-service date in early 2020; the associated rate increase would take place with the first month's billing cycle after the Columbia Project goes into service. At its October 30, 2018, Agenda Conference, the FPSC approved the rate increase related to the Hamilton Project to go into effect beginning with the first billing cycle in January 2019 under its file and suspend authority. Rates are subject to true up pending the outcome of the final hearing, which is scheduled to take place on April 2, 2019.

Duke Energy Ohio

2017 Electric Security Plan Filing

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, 2025. 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. On April 13, 2018, Duke Energy Ohio filed a Motion to consolidate this proceeding with several other cases currently pending before the PUCO, including, but not limited to, its Electric Base Rate Case. Additionally, on April 13, 2018, Duke Energy Ohio, along with certain intervenors, filed a Stipulation and Recommendation (Stipulation) with the PUCO resolving certain issues in this proceeding. The Stipulation establishes a regulatory model for the next seven years via the approval of the ESP and continues the current model for procuring supply for non-shopping customers, including recovery mechanisms. The Stipulation is subject to the review and approval of PUCO. An evidentiary hearing to review the Stipulation and other issues in the cases concluded on August 6, 2018. Initial briefs were filed on September 11, 2018. Reply briefs were filed October 2, 2018. Duke Energy Ohio cannot predict the outcome of this matter.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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 has 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. On April 13, 2018, Duke Energy Ohio filed a Motion to consolidate this proceeding with several other cases currently pending before the PUCO. On April 13, 2018, Duke Energy Ohio, along with certain intervenors, filed the Stipulation with the PUCO resolving numerous issues including those in this base rate proceeding. Major components of the Stipulation related to the base distribution rate case include a \$19 million decrease in annual base distribution revenue with a return on equity unchanged from the current rate of 9.84 percent based upon a capital structure of 50.75 percent equity and 49.25 percent debt. Upon approval of new rates, Duke Energy Ohio's rider for recovering its initial SmartGrid implementation ends as these costs will be recovered through base rates. The Stipulation also renews 14 existing riders, some of which were included in the company's ESP, and adds two new riders including the Enhanced Service Reliability Rider to recover vegetation management costs not included in base rates, up to \$10 million per year (operation and maintenance only) and the PowerForward Rider to recover costs incurred to enhance the customer experience and further transform the grid (operation and maintenance and capital). The Stipulation is subject to the review and approval of the PUCO. An evidentiary hearing to review the Stipulation and other issues in the cases concluded on August 6, 2018. Initial briefs were filed on September 11, 2018. Reply briefs were filed October 2, 2018. In addition to the changes in revenue attributable to the Stipulation, Duke Energy Ohio's capital-related riders, including the Distribution Capital Investments Rider, began to reflect the lower federal income tax rate associated with the Tax Act with updates to customers' bills beginning April 1, 2018. This change reduces electric revenue by approximately \$20 million on an annualized basis. Duke Energy Ohio cannot predict the outcome of this matter.

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. 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. On April 13, 2018, Duke Energy Ohio filed a Motion to consolidate this proceeding with several other cases currently pending before the PUCO. Also on April 13, 2018, Duke Energy Ohio, along with certain intervenors, filed a Stipulation with the PUCO resolving numerous issues including those related to Rider PSR. The Stipulation, if approved, would activate Rider PSR for recovery of net costs incurred since January 1, 2018. The Stipulation is subject to the review and approval of PUCO. An evidentiary hearing to review the Stipulation and other issues in the cases concluded on August 6, 2018. Initial briefs were filed on September 11, 2018. Reply briefs were filed October 2, 2018. See Note 12 for additional discussion of Duke Energy Ohio's ownership interest in OVEC. Duke Energy Ohio cannot predict the outcome of this matter.

Tax Act – Ohio

On July 25, 2018, Duke Energy Ohio filed an application to establish a new rider to implement the benefits of the Tax Act for electric distribution customers. Duke Energy Ohio requested commission approval to implement the rider effective October 1, 2018, as a credit to all distribution customers based upon a percent reduction to Duke Energy Ohio's distribution rates. The new rider will flow through to customers the benefit of the lower statutory federal tax rate from 35 to 21 percent since January 1, 2018, all future benefits of the lower tax rates and a full refund of deferred income taxes collected at the higher tax rates in prior years. Deferred income taxes subject to normalization rules will be refunded consistent with federal law and deferred income taxes not subject to normalization rules will be refunded over a 10-year period. An order is expected during the fourth quarter of 2018. Duke Energy Ohio's transmission rates reflect lower federal income tax but guidance from FERC on amortization of both protected and unprotected transmission-related EDITs is still pending. On October 24, 2018, the PUCO issued a Finding and Order that, among other things, directed all rate-regulated utilities file an application not for an increase in rates to reflect the impact of the Tax Act on their current rates by January 1, 2019, unless otherwise exempted or directed by the PUCO. Duke Energy Ohio's July 25, 2018, filing for electric distribution operations is consistent with the commission's October 24, 2018, Finding and Order and no further action is needed. Options for Duke Energy Ohio gas customers are still being evaluated. Duke Energy Ohio cannot predict the outcome of this matter.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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 has 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; however, a decision on Duke Energy Ohio's application for rehearing remains pending. Duke Energy Ohio cannot predict the outcome of this matter.

2014 Electric Security Plan

In April 2015, the PUCO modified and approved Duke Energy Ohio's proposed 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 (Rider DCI) 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. On March 21, 2018, the PUCO issued an order denying Duke Energy Ohio's issues on rehearing. On April 20, 2018, Duke Energy Ohio filed a second application for rehearing based upon the commission's March 21, 2018, Order. On May 16, 2018, the commission issued its third Entry on Rehearing granting in part, and denying in

part, Duke Energy Ohio's rehearing request.

On March 9, 2018, Duke Energy Ohio filed a motion to extend its then-current ESP, including all terms and conditions thereof, pending approval of a new ESP. On May 30, 2018, the PUCO granted the request, with modification. Specifically, the PUCO did not extend the cap applicable to Rider DCI beyond July 31, 2018. Duke Energy Ohio sought rehearing of this finding. On July 25, 2018, the PUCO granted the request and allowed a continuing cap on recovery under Rider DCI. On August 24, 2018, OMA and OCC filed an Application for Rehearing of the commission's decision. Duke Energy Ohio filed a Memorandum Contra OCC's request for rehearing of the commission's continuation of Rider DCI on September 4, 2018. On September 19, 2018, the PUCO issued an Order granting rehearing on the matter for further consideration. Duke Energy Ohio cannot predict the outcome of this matter.

On May 21, 2018, the Ohio Manufacturers' Association (OMA) filed a notice of appeal of PUCO's approval of Duke Energy Ohio's ESP with the Ohio Supreme Court, challenging PUCO's approval of Duke Energy Ohio's Price Stability Rider as a placeholder and its Rider DCI to recover incremental revenue requirement for distribution capital since Duke Energy Ohio's last base rate case. On July 16, 2018, the Office of the Ohio Consumers' Counsel (OCC) filed its own appeal of Duke Energy Ohio's ESP with the Ohio Supreme Court raising similar issues to that of the OMA. Duke Energy Ohio's Application for Rehearing was granted on July 25, 2018. Duke Energy Ohio filed a Motion to Intervene in the two Ohio Supreme Court appeals. OMA's Supreme Court brief was filed on August 20, 2018. PUCO submitted its brief on October 26, 2018, and Duke Energy Ohio filed its brief on October 29, 2018. Duke Energy Ohio cannot predict the outcome of this matter.

Natural Gas Pipeline Extension

Duke Energy Ohio is proposing to install a new natural gas pipeline (the Central Corridor Project) in its Ohio service territory to increase system reliability and enable the retirement of older infrastructure. Duke Energy Ohio estimates the pipeline development costs and construction activities will range from \$163 million to \$245 million in direct costs (excluding overheads and AFUDC). 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 additional project cost availability and a potential delay in the targeted in-service date. On January 20, 2017, Duke Energy Ohio filed an amended application with the Ohio Power Siting Board (OPSB) 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 Attorney Examiner granted a request made by Duke Energy Ohio to delay the procedural schedule while it works through various issues related to the pipeline route. In April 2018, Duke Energy Ohio filed a motion with OPSB to establish a procedural schedule and filed supplemental information supporting its application. If approved, construction of the pipeline extension is expected to be completed before the 2021/2022 winter season. Duke Energy Ohio cannot predict the outcome of this matter.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Duke Energy Kentucky Electric 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. Subsequent to the filing, Duke Energy Kentucky adjusted the requested amount to \$30.1 million, in part to reflect the benefits of the Tax Act, representing an approximate 9 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 requests to implement an Environmental Surcharge Mechanism to recover environmental costs not recovered in base rates, to establish a Distribution Capital Investment Rider to recover incremental costs of specific programs, to establish a FERC Transmission Cost Reconciliation Rider to recover escalating transmission costs and to modify existing 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 concluded on March 8, 2018, and the KPSC issued an order on April 13, 2018. Major components of the Order include approval of an \$8.4 million increase in base rates with a return on equity at 9.725 percent based upon a capital structure of 49 percent equity on a total allocable capitalization of approximately \$650 million. The Order approved the Environmental Surcharge Mechanism Rider and in June 2018 recovery began of capital-related environmental costs, including costs related to ash and ash disposal, and environmental operation and maintenance expenses formerly recovered in base rates, including expenses for environmental reagents and emission allowances. The incremental revenue from this rider will be approximately \$13 million on an annualized basis. The order settles all issues associated with the Tax Act as it relates to the electric business by lowering the income tax component of the revenue requirement and refunding protected EDIT under allowable normalization rules and unprotected EDIT over 10 years. The Order denied requests to implement riders for certain transmission costs and distribution capital investments. Duke Energy Kentucky implemented new base rates on May 1, 2018. On May 3, 2018, Duke Energy Kentucky filed an application for rehearing on certain aspects of the order; on May 23, 2018, the KPSC granted a rehearing. On October 2, 2018, the KPSC issued its rehearing order correcting certain findings in its initial order and making additional changes that are immaterial to the company's earnings. Duke Energy Kentucky does not plan any further appeals.

Duke Energy Kentucky Natural Gas Base Rate Case

On August 31, 2018, Duke Energy Kentucky filed an application with the KPSC requesting an increase in natural gas base rates of approximately \$10.5 million, an approximate 11.1 percent average increase across all customer classes. The increase is net of approximately \$5.2 million in annual savings as a result of the Tax Act. The drivers for this case are capital invested since the Duke Energy Kentucky's last rate case in 2009. Duke Energy Kentucky is also seeking implementation of a Weather Normalization Adjustment Mechanism, amortization of regulatory assets and to implement the impacts of the Tax Act, prospectively. The KPSC accepted Duke Energy Kentucky's filing as of September 10, 2018, as meeting all filing requirements and issued its first round of discovery. A procedural schedule was set. A hearing is set to commence on February 5, 2019. A ruling is expected in late first quarter 2019. Duke Energy Kentucky cannot predict the outcome of this matter.

FERC 494 Refund of Regional Transmission Enhancement Projects

FERC Order No. 494 Settlement Agreement (FERC 494 Settlement Agreement) was entered into by most of the PJM Interconnection, LLC (PJM) transmission owners, including Duke Energy Ohio and Duke Energy Kentucky, and the PJM state regulatory commissions approximately two years ago and was planned to be effective on January 1, 2016;

however, it was not approved by FERC until May 31, 2018. The FERC 494 Settlement Agreement was due to the Seventh Circuit Court of Appeals finding that FERC had failed to adequately justify the costs that the customers in the western part of PJM were being charged for high voltage transmission projects, or Regional Transmission Expansion Plan (RTEP) projects (500 kV and above) built in the east. These costs were being allocated to all PJM customers on a load-ratio share basis but the court determined that these costs were not justifiable to customers in the west, including Duke Energy Ohio and Duke Energy Kentucky, that did not benefit from the RTEP projects. Costs for the periods 2012 through 2015 are expected to be refunded to Duke Energy Ohio and Duke Energy Kentucky on a monthly basis through December 2025. The refund amount for similar costs incurred beginning in 2016 through June 30, 2018, prior to the change in cost allocation by PJM was determined in the third quarter of 2018 and these amounts will be refunded over a 12-month period beginning in July 2018. These refunds, totaling approximately \$47 million for Duke Energy Ohio and Duke Energy Kentucky, have been recorded to Operation, maintenance and other on the Condensed Consolidated Statements of Operations for the three and nine months ended September 30, 2018.

Duke Energy Indiana

FERC Transmission Return on Equity Complaint

Customer groups have filed with the FERC complaints against Midcontinent Independent System Operator, Inc. (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. On October 16, 2018, FERC issued an order in response to the Emera remand proceeding proposing a new method for determining whether an existing return on equity is unjust and unreasonable, and a new process for determining a just and reasonable return on equity. The parties involved in the Emera proceeding are directed to file briefs by December 15, 2018. Duke Energy Indiana is in discussions with the other MISO Transmission Owners to determine strategy in light of this order. 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.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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. On May 21, 2018, the Indiana Court of Appeals upheld the commission's decision. The appellants have requested rehearing at the Indiana Court of Appeals. The Indiana Court of Appeals denied the request for rehearing. The appellants have requested transfer to the Indiana Supreme Court, including briefs in support from environmental groups. Duke Energy Indiana cannot predict the outcome of this matter.

Edwardsport Integrated Gasification Combined Cycle Plant

On September 20, 2018, Duke Energy Indiana, the Indiana Office of Utility Consumer Counselor (OUCC), the Duke Industrial Group and Nucor Steel – Indiana entered into a settlement agreement to resolve integrated gasification combined cycle (IGCC) ratemaking issues for calendar years 2018 and 2019. The agreement will remain in effect until new rates are established in Duke Energy Indiana's next base rate case, which is expected to be filed in mid-2019 with rates effective in mid-2020. It addresses the pending Edwardsport filing at the commission and eliminates the need for future filings until the overall rate case. This settlement includes caps on Duke Energy Indiana's retail operating expenses for 2018 and 2019, reduces Duke Energy Indiana's regulatory asset by \$30 million (with a corresponding reduction of the amount of amortization of the regulatory asset included in rates by \$10 million annually beginning with the implementation of final IGCC 17 rates), and provides funding for low-income assistance and clean energy projects. Duke Energy Indiana recognized pretax impairment and related charges of \$32 million in the third quarter of 2018. The settlement is subject to IURC approval. An evidentiary hearing is scheduled for December 2018. Duke Energy Indiana cannot predict the outcome of this matter.

Tax Act

On June 27, 2018, Duke Energy Indiana, the Indiana Office of Utility Consumer Counselor, the Indiana Industrial Group and Nucor Steel – Indiana filed testimony consistent with their Stipulation and Settlement Agreement (Settlement Agreement) in the federal tax act proceeding with the IURC. The Settlement Agreement outlines how Duke Energy Indiana will implement the impacts of the Tax Act. Material components of the Settlement Agreement

were as follows:

Riders to reflect the change in the statutory federal tax rate from 35 to 21 percent as they are filed in 2018;

Base rates to reflect the change in the statutory federal tax rate from 35 to 21 percent upon IURC approval, but no later than September 1, 2018;

Duke Energy Indiana to continue to defer protected federal EDIT until January 1, 2020, at which time it will be returned to customers according to the Average Rate Assumption Method (ARAM) required by the Internal Revenue Service over approximately 26 years; and

Duke Energy Indiana to begin returning unprotected federal EDIT upon IURC approval, over 10 years. In order to mitigate the negative impacts to cash flow and credit metrics, the Settlement Agreement allows Duke Energy Indiana to return \$7 million per year over the first five years, with a step up to \$35 million per year in the following five years. The settlement was subject to the review and approval of the IURC. An evidentiary hearing was held on July 13, 2018. On August 22, 2018, the IURC approved the settlement and rates have been adjusted effective September 1, 2018.

Piedmont

South Carolina Rate Stabilization Adjustment Filing

On June 15, 2018, Piedmont filed with the PSCSC under the South Carolina Rate Stabilization Act its quarterly monitoring report for the 12-month period ending March 31, 2018. The filing included a revenue deficiency calculation and tariff rates in order to permit Piedmont the opportunity to earn the rate of return on common equity established in its last general rate case. The filing also incorporated the impacts of the Tax Act by lowering the income tax component of the revenue requirement, refunding protected EDIT under allowable normalization rules, unprotected EDIT and amounts over collected from the customers from January 1, 2018, through the end of the review period for this proceeding. A settlement agreement reached between Piedmont and ORS was filed with the PSCSC on September 14, 2018, and approved by the PSCSC on October 3, 2018. Terms of the settlement include implementation of rates for the 12-month period beginning November 2018 with a return on equity of 10.2 percent.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

North Carolina Integrity Management Rider Filing

In October 2018, Piedmont filed a petition under the Integrity Management Rider (IMR) mechanism to collect an additional \$9.5 million in annual revenues effective December 2018 based on the eligible capital investments closed to integrity and safety projects over the six-month period ended September 30, 2018. Piedmont cannot predict the outcome of this matter.

In May 2018, Piedmont filed, and the NCUC approved, a petition under the IMR mechanism to update rates, effective June 2018, based on the eligible capital investments closed to integrity and safety projects over the six-month period ending March 31, 2018, and the decrease in the corporate federal income tax rate effective January 1, 2018. The combined effect of the update was a reduction to annual revenues of approximately \$5.7 million.

OTHER REGULATORY MATTERS

Progress Energy Merger FERC Mitigation

Since December 2014, the FERC Office of Enforcement has conducted an investigation of Duke Energy's market power filings in its application for approval of the Progress Energy merger submitted in 2012. On June 8, 2018, the FERC issued an order approving a settlement agreement under which Duke Energy paid a penalty of \$3.5 million. The FERC Office of Enforcement stated in its conclusion that Duke Energy violated FERC regulations by failing to fully and accurately describe certain specific matters in its market power filings. Duke neither admitted nor denied the alleged violations.

Atlantic Coast Pipeline, LLC

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, which is accounted for as an equity method investment through its Gas Utilities and Infrastructure segment. Southern Company Gas maintains a 5 percent interest. See Note 12 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.

In 2018, the FERC issued a series of Notices to Proceed, which authorized the project to begin certain construction-related activities along the pipeline route, including supply header and compressors. On May 11, 2018, and October 19, 2018, FERC issued Notices to Proceed allowing full construction activities in all areas of West Virginia except in the Monongahela National Forest. On July 24, 2018, FERC issued a Notice to Proceed allowing full construction activities along the project route in North Carolina. On October 19, 2018, the conditions to effectiveness of the Virginia 401 water quality certification were satisfied. Immediately following receipt of the Virginia 401 certification, ACP filed a request for FERC to issue a Notice to Proceed with full construction activities in Virginia, receipt of which is expected shortly. We appreciate the professional and collaborative process the permitting agencies have pursued to ensure that this critical energy infrastructure project will meet the stringent environmental standards required by law and regulation.

ACP is the subject of challenges in state and federal courts and agencies, including, among others, challenges of the project's incidental take statement (ITS), crossings of the Blue Ridge Parkway, the Appalachian Trail, and the

Monongahela and George Washington National Forests, the project's U.S. Army Corps of Engineers (USACE) 404 permit, the Virginia conditional 401 water quality certification, the FERC Environmental Impact Statement order and the FERC order approving the Certificate of Public Convenience and Necessity. Each of these challenges alleges non-compliance on the part of federal and state permitting authorities and adverse ecological consequences if the project is permitted to proceed. ACP is vigorously defending these challenges and coordinating with the federal and state authorities which are the direct parties to the challenges. Since July 2018, notable developments in these challenges include a stay issued by the U.S. Court of Appeals for the Fourth Circuit (Fourth Circuit) on construction activities through the Monongahela and George Washington National Forests, a reissuance of the project's ITS and Blue Ridge Parkway right-of-way and renewed challenges of these reissued permits and the USACE's lifting of its administrative stay of ACP's Huntington District 404 permit.

The FERC Stop Work Order following the Fourth Circuit's vacatur of the project's ITS and Blue Ridge Parkway right-of-way, together with delays in obtaining permits necessary for construction have impacted the cost and schedule for the project. As a result, project cost estimates have increased from a range of \$6.0 billion to \$6.5 billion to a range of \$6.5 billion to \$7.0 billion, excluding financing costs. ACP is pursuing a phased in-service approach with customers whereby it maintains a late 2019 in-service date for key segments of the project to meet peak winter demand in critically constrained regions served by the project. ACP will be pursuing a mid-2020 in-service date for the remaining segments. Abnormal weather, work delays (including delays due to judicial or regulatory action) and other conditions may result in cost or schedule modifications in the future.

Sabal Trail Transmission, LLC

On May 4, 2015, Duke Energy acquired a 7.5 percent ownership interest in Sabal Trail, which is accounted for as an equity method investment, 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 Note 12 for additional information related to Duke Energy's ownership interest.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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 1 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. This request is required to support commissioning and testing activities at the facility. On March 16, 2018, FERC approved the Citrus lateral and it was placed in service. 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. 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. On March 7, 2018, the D.C. Circuit Court of Appeals granted FERC and Sabal Trail's stay request. On March 14, 2018, FERC issued its final order on remand, which recertified the project. On August 10, 2018, FERC denied requests for rehearing of the final order on remand.

Constitution Pipeline Company, LLC

Duke Energy owns a 24 percent ownership interest in Constitution, which is accounted for as an equity method investment. 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. Since April 2016, with the actions of the New York State Department of Environmental Conservation (NYSDEC), Constitution stopped construction and discontinued capitalization of future development costs until the project's uncertainty is resolved. In December 2014, Constitution received approval from the FERC to construct and operate the proposed pipeline. However, on April 22, 2016, the 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, and on April 30, 2018, the Supreme Court denied Constitution's petition. 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. On July 19, 2018, FERC denied Constitution's rehearing request. Constitution is currently unable to approximate an in-service date for the project due to the NYSDEC'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. On June 25, 2018, Constitution filed with FERC a Request for Extension of Time until December 2, 2020, for construction of the project. Duke Energy cannot predict the outcome of this matter. During the nine months ended September 30, 2018, Duke Energy recorded an other-than-temporary impairment (OTTI) of \$55 million within Equity in earnings of unconsolidated affiliates on Duke Energy's Condensed Consolidated Statements of Operations. 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 recent actions taken by the courts and regulators to uphold the NYSDEC's denial of the certification and uncertainty associated with the remaining legal and regulatory challenges.

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

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. IRPs filed by the Subsidiary Registrants included planning assumptions to potentially retire certain coal-fired generating facilities in North Carolina, Florida and Indiana earlier than their current estimated useful lives primarily because facilities do not have the requisite emission control equipment to meet U.S. Environmental Protection Agency (EPA) regulations recently approved or proposed.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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 Condensed Consolidated Balance Sheets as of September 30, 2018, and exclude capitalized asset retirement costs.

	Capacity (in MW)	Remaining Net Book Value (in millions)
Duke Energy Carolinas		
Allen Steam Station Units 1-3 ^(a)	585	\$ 132
Progress Energy and Duke Energy Florida		
Crystal River Units 1 and 2 ^(b)	766	100
Duke Energy Indiana		
Gallagher Units 2 and 4 ^(c)	280	123
Total Duke Energy	1,631	\$ 355

(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 2016 settlement of Edwardsport IGCC matters.

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

4. COMMITMENTS AND CONTINGENCIES

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 asset retirement obligations (ARO) recorded as a result of various environmental regulations, 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 on the Condensed Consolidated Statements of Operations unless regulatory recovery of the costs is deemed probable.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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 Condensed Consolidated Balance Sheets.

Nine Months Ended September 30, 2018								
	Duke		Duke		Duke		Duke	
(in millions)	Duke Energy	Progress	Duke Energy	Progress	Duke Energy	Ohio	Duke Energy	Piedmont
	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Balance at beginning of period	\$81	\$ 10	\$ 15	\$ 3	\$ 12	\$ 47	\$ 5	\$ 2
Provisions/adjustments	7	3	2	3	(1)	3	1	—
Cash reductions	(20)	(2)	(5)	(1)	(4)	(12)	(1)	—
Balance at end of period	\$68	\$ 11	\$ 12	\$ 5	\$ 7	\$ 38	\$ 5	\$ 2

Nine Months Ended September 30, 2017								
	Duke		Duke		Duke		Duke	
(in millions)	Duke Energy	Progress	Duke Energy	Progress	Duke Energy	Ohio	Duke Energy	Piedmont
	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Balance at beginning of period	\$98	\$ 10	\$ 18	\$ 3	\$ 14	\$ 59	\$ 10	\$ 1
Provisions/adjustments	(1)	2	1	—	1	(3)	(2)	1
Cash reductions	(13)	(2)	(3)	—	(3)	(7)	(1)	—
Balance at end of period	\$84	\$ 10	\$ 16	\$ 3	\$ 12	\$ 49	\$ 7	\$ 2

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	\$57
Duke Energy Carolinas	17
Duke Energy Ohio	30
Piedmont	2

LITIGATION

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. The parties are engaged in discovery. Duke Energy Carolinas and Duke Energy Progress cannot predict the outcome of this matter.

NCDEQ State Enforcement Actions

In the first quarter of 2013, the 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 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 with the North Carolina Court of Appeals to challenge the trial court's order. The parties were unable to reach an agreement at mediation in April 2017 and submitted briefs to the trial court on remaining issues to be tried. On August 1, 2018, the Court of Appeals dismissed the appeal and the matter is proceeding before the trial court. No trial date has been scheduled. Duke Energy Carolinas and Duke Energy Progress cannot predict the outcome of this matter.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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. Duke Energy Progress and RRBA each filed motions for summary judgment on March 23, 2018. The court has not yet ruled on these motions.

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 at the Roxboro Plant and one claim relating to the use of nearby water bodies. Duke Energy Progress and RRBA each filed motions for summary judgment on April 17, 2018, and the court has not yet ruled on these motions.

On May 8, 2018, on motion from Duke Energy Progress, the court ordered trial in both of the above matters to be consolidated. Trial is currently scheduled for July 15, 2019.

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 granted by the court on March 30, 2018. RRBA had until April 30, 2018, to file an appeal to the Fourth Circuit but did not do so.

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, which was granted by the court on May 29, 2018. RRBA had until June 28, 2018, to file an appeal to the Fourth Circuit but did not do so.

On December 5, 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, and on August 13, 2018, the court issued an order denying Duke Energy Carolinas' motion to dismiss. Duke Energy Carolinas' answer to the complaint was filed on August 27, 2018. On October 10, 2018, Duke Energy Carolinas filed Motions to Dismiss for lack of standing, Motion for Judgment on the Pleadings and Motion to Stay Discovery. A hearing on the motion to stay is scheduled for December 12, 2018, and a scheduling conference has been set for January 2019.

Duke Energy Carolinas and Duke Energy Progress cannot predict the outcome of these matters.

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 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 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 that ended at an 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. Settlement payments are being made, and, as of September 30, 2018, Duke Energy Carolinas and Duke Energy Progress have remaining reserves of \$4 million and \$2 million, respectively.

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.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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 (Sutton). 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. On March 6, 2018, Plaintiffs' counsel voluntarily dismissed the action without prejudice.

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

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 September 30, 2018, there were 160 asserted claims for non-malignant cases with cumulative relief sought of up to \$43 million, and 63 asserted claims for malignant cases with cumulative relief sought of up to \$19 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 \$461 million at September 30, 2018, and \$489 million at December 31, 2017. These reserves are classified in Other within Other Noncurrent Liabilities and Other within Current Liabilities on the Condensed 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 \$764 million in excess of the self-insured retention. Receivables for insurance recoveries were \$553 million at September 30, 2018, and \$585 million at December 31, 2017. These amounts are classified in Other within Other Noncurrent Assets and Receivables within Current Assets on the Condensed 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 recognized the recoveries in the first quarter of 2018. Claims for all periods through 2013 have been resolved. On June 22, 2018, Duke Energy Progress and Duke Energy Florida filed a complaint for damages incurred for 2014 through first quarter 2018.

Duke Energy Progress

Gypsum Supply Agreement 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 sought 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. Subsequently, CertainTeed also sought a preliminary injunction requiring Duke Energy Progress to provide 50,000 tons of gypsum per month through the trial date. The parties reached an agreement under which Duke Energy Progress delivered 50,000 tons of gypsum per month through August 2018. Trial in this matter was completed on July 16, 2018. On August 29, 2018, the court issued an order and opinion finding that Duke Energy Progress is required to supply 50,000 tons of gypsum/month, but that CertainTeed's sole remedy for Duke Energy Progress' long-term discontinuance under the agreement is liquidated damages. This ruling effectively limits CertainTeed's remedies in the event that Duke Energy Progress elects to permanently discontinue gypsum supply at the Roxboro plant. The estimated maximum amount that would be owed under the liquidated damages provision is approximately \$90 million. Both CertainTeed and Duke Energy Progress have filed cross-appeals, as they explore a possible resolution. Duke Energy Progress cannot predict the outcome of this matter.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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 Eleventh Circuit U.S. Court of Appeals (Eleventh Circuit). On July 11, 2018, the Eleventh Circuit affirmed the U.S. District Court's dismissal of the lawsuit. The deadline to file a petition for cert was October 9, 2018, and no petition was filed; therefore, the dismissal of the lawsuit is final.

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 sought recovery of \$54 million in milestone payments in excess of work performed under an Engineering, Procurement and Construction agreement (EPC) for Levy as well as a determination by the court of the amounts due to Westinghouse as a result of the termination of an EPC contract. Duke Energy Florida recognized an exit obligation as a result of the termination of the EPC. On March 31, 2014, Westinghouse filed a separate lawsuit against Duke Energy Florida in U.S. District Court for the Western District of Pennsylvania alleging damages under the same EPC contract 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 would 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, granting Westinghouse a \$30 million termination fee claim and dismissing Duke Energy Florida's \$54 million refund claim. Westinghouse's claim for termination costs continued to trial. Following a trial on the matter, the court issued an order in December 2016 denying Westinghouse's claim for termination costs and reaffirming its earlier ruling in favor of Westinghouse on the \$30 million termination fee. Judgment was entered against Duke Energy Florida in the amount of approximately \$34 million, which includes prejudgment interest. Westinghouse appealed the trial court's order to the Fourth Circuit and Duke Energy Florida cross-appealed.

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. Westinghouse and Duke Energy Florida executed a settlement agreement resolving this matter on April 5, 2018. The bankruptcy court approved the settlement and Duke Energy Florida paid approximately \$34 million to Westinghouse in July 2018 pursuant to this agreement. At the request of the parties, the Fourth Circuit has dismissed the appeal.

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 affirmed the trial court's ruling on April 10, 2018. The dismissal of the lawsuit is therefore final.

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 related to the termination of an EPC contract discussed above. Reserves are classified on the Condensed 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.

(in millions) September 30, 2018 December 31, 2017

Reserves for Legal Matters

Duke Energy	\$	63	\$	88
Duke Energy Carolinas		11		30
Progress Energy		50		55
Duke Energy Progress		11		13
Duke Energy Florida		23		24
Piedmont		1		2

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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 Condensed 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.

In addition, the Duke Energy Registrants enter into various fixed-price, noncancelable commitments to purchase or sell power or natural gas, take-or-pay arrangements, transportation, or throughput agreements and other contracts that may or may not be recognized on their respective Condensed Consolidated Balance Sheets. Some of these arrangements may be recognized at fair value on their respective Condensed Consolidated Balance Sheets if such contracts meet the definition of a derivative and the normal purchase/normal sale (NPNS) exception does not apply. In most cases, the Duke Energy Registrants' purchase obligation contracts contain provisions for price adjustments, minimum purchase levels and other financial commitments.

5. DEBT AND CREDIT FACILITIES

SUMMARY OF SIGNIFICANT DEBT ISSUANCES

The following table summarizes significant debt issuances (in millions).

			Nine Months Ended September 30, 2018					
	Maturity	Interest		Duke	Duke	Duke	Duke	
Issuance Date	Date	Rate		Energy	Energy	Energy	Energy	
Unsecured Debt				Energy (Parent)	Carolinas	Progress	Florida	
March 2018 ^(a)	April 2025	3.950	%	\$ 250	\$ 250	\$ —	\$ —	
May 2018 ^(b)	May 2021	2.819	%	500	500	—	—	
September 2018 ^(c)	September 2078	5.625	%	500	500	—	—	
First Mortgage Bonds								
March 2018 ^(d)	March 2023	3.050	%	500	—	500	—	
March 2018 ^(d)	March 2048	3.950	%	500	—	500	—	
June 2018 ^(e)	July 2028	3.800	%	600	—	—	600	
June 2018 ^(e)	July 2048	4.200	%	400	—	—	400	
August 2018 ^(f)	September 2023	3.375	%	300	—	300	—	
August 2018 ^(f)	September 2028	3.700	%	500	—	500	—	
Total issuances				\$4,050	\$ 1,250	\$ 1,000	\$ 800	
							\$ 1,000	

(a) Debt issued to pay down short-term debt.

(b) Debt issued to pay down short-term debt. Debt issuance has a floating interest rate.

(c) Callable after September 2023 at par. Debt issued to pay down short-term debt and for general corporate purposes.

(d) Debt issued to repay at maturity a \$300 million first mortgage bond due April 2018, pay down intercompany short-term debt and for general corporate purposes.

(e)

Debt issued to repay a portion of intercompany short-term debt under money-pool borrowing arrangement and for general corporate purposes.

(f) Debt issued to repay short-term debt and for general corporate purposes.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

CURRENT MATURITIES OF LONG-TERM DEBT

The following table shows the significant components of Current Maturities of Long-Term Debt on the Condensed 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	September 30, 2018
Unsecured Debt			
Progress Energy	March 2019	7.050 %	\$ 450
Duke Energy (Parent)	September 2019	5.050 %	500
Piedmont	September 2019	2.848 % ^(b)	350
First Mortgage Bonds			
Duke Energy Carolinas	November 2018	7.000 %	500
Duke Energy Progress	January 2019	5.300 %	600
Duke Energy Ohio	April 2019	5.450 %	450
Other ^(a)			605
Current maturities of long-term debt			\$ 3,455

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

(b) Debt issuance has a floating interest rate.

AVAILABLE CREDIT FACILITIES

Master Credit Facility

In January 2018, Duke Energy extended the termination date of substantially all of its existing \$8 billion Master Credit Facility capacity from March 16, 2022, to March 16, 2023. In May 2018, Duke Energy completed the extension process with 100 percent of all commitments to the Master Credit Facility extending to March 16, 2023. The Duke Energy Registrants, excluding Progress Energy (Parent), have borrowing capacity under the Master Credit Facility up to a specified sublimit 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. The table below includes the current borrowing sublimits and available capacity under the Master Credit Facility.

	September 30, 2018						
(in millions)	Duke Energy	Duke Energy (Parent)	Duke Energy Carolinas	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana Piedmont
Facility size ^(a)	\$8,000	\$2,650	\$1,750	\$1,400	\$ 650	\$ 450	\$ 600 \$ 500
Reduction to backstop issuances							
Commercial paper ^(b)	(2,519)	(988)	(872)	(150)	—	(216)	(293) —
Outstanding letters of credit	(55)	(47)	(4)	(2)	—	—	(2)
Tax-exempt bonds	(81)	—	—	—	—	—	(81) —

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Coal ash set-aside	(500)	—	(250)	(250)	—	—	—	—
Available capacity under the Master Credit Facility	\$4,845	\$1,615	\$624	\$998	\$650	\$234	\$226	\$498

(a) Represents the sublimit of each borrower.

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 on the Condensed Consolidated Balance Sheets.

Three-Year Revolving Credit Facility

Duke Energy (Parent) has a \$1.0 billion revolving credit facility (the Three Year Revolver) through June 2020. As of September 30, 2018, \$500 million has been drawn under the Three Year Revolver. This balance is classified as Long-Term Debt on Duke Energy's Condensed 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.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Piedmont Term Loan Facility

In September 2018, Piedmont executed an amendment to its existing senior unsecured term loan (the Piedmont Term Loan). The amendment increased commitments from \$250 million to \$350 million and extended the maturity date to September 2019. As of September 30, 2018, the entire \$350 million has been drawn under the Piedmont Term Loan. The balance is classified as Current maturities of long-term debt on Piedmont's Condensed Consolidated Balance Sheets.

6. ASSET RETIREMENT OBLIGATIONS

The Duke Energy Registrants record AROs when there is a legal obligation to incur retirement costs associated with the retirement of a long-lived asset and the obligation can be reasonably estimated. The following table presents the AROs recorded on the Condensed Consolidated Balance Sheets.

	September 30, 2018							
	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
(in millions)								
Decommissioning of Nuclear Power Facilities ^(a)	\$5,367	\$ 2,031	\$ 3,181	\$ 2,650	\$ 531	\$ —	\$ —	\$ —
Closure of Ash Impoundments	4,575	1,623	2,175	2,154	20	52	725	—
Other	314	58	79	37	42	46	19	15
Total ARO	\$10,256	\$ 3,712	\$ 5,435	\$ 4,841	\$ 593	\$ 98	\$ 744	\$ 15
Less: current portion	902	292	475	470	4	7	128	—
Total noncurrent ARO	\$9,354	\$ 3,420	\$ 4,960	\$ 4,371	\$ 589	\$ 91	\$ 616	\$ 15

(a) Duke Energy amount includes purchase accounting adjustments related to the merger with Progress Energy.

ARO Liability Rollforward

Actual closure costs incurred could be materially different from current estimates that form the basis of the recorded AROs. The following table presents the change in liability associated with AROs for the Duke Energy Registrants.

	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
(in millions)								
Balance at December 31, 2017 ^(a)	\$10,175	\$ 3,610	\$5,414	\$ 4,673	\$ 742	\$ 84	\$ 781	\$ 15
Accretion expense ^(b)	319	133	168	145	23	3	22	—
Liabilities settled ^(c)	(431)	(198)	(186)	(155)	(31)	(5)	(42)	—
Liabilities incurred in the current year	34	8	—	—	—	—	25	—
Revisions in estimates of cash flows ^(d)	159	159	39	178	(141)	16	(42)	—
Balance at September 30, 2018	\$10,256	\$ 3,712	\$5,435	\$ 4,841	\$ 593	\$ 98	\$ 744	\$ 15

Primarily relates to decommissioning nuclear power facilities, closure of ash impoundments, asbestos removal,

(a) closure of landfills at fossil generation facilities, retirement of natural gas mains and removal of renewable energy generation assets.

(b) For the nine months ended September 30, 2018, substantially all accretion expense relates to Duke Energy's regulated operations and has been deferred in accordance with regulatory accounting treatment.

(c) Primarily relates to ash impoundment closures and nuclear decommissioning of Crystal River Unit 3.

Primarily relates to increases in groundwater monitoring estimates for closure of ash impoundments, partially (d) offset by modifications to the timing of expected cash flows and a reduction for nuclear decommissioning at Crystal River Unit 3 compared to original estimates.

Asset retirement costs associated with the AROs for operating plants and retired plants are included in Net property, plant and equipment and Regulatory assets within Other Noncurrent Assets, respectively, on the Condensed Consolidated Balance Sheets.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

7. GOODWILL

Duke Energy

The following table presents the goodwill by reportable operating segment included on Duke Energy's Condensed Consolidated Balance Sheets at September 30, 2018, and December 31, 2017.

(in millions)	Electric Utilities and Infrastructure	Gas Utilities and Infrastructure	Commercial Renewables	Total
Goodwill balance at December 31, 2017	\$ 17,379	\$ 1,924	\$ 122	\$19,425
Accumulated impairment charges	—	—	(29)	\$(29)
Goodwill balance at December 31, 2017, adjusted for accumulated impairment charges	\$ 17,379	\$ 1,924	\$ 93	\$19,396
Goodwill balance at September 30, 2018	\$ 17,379	\$ 1,924	\$ 122	\$19,425
Accumulated impairment charges	—	—	(122)	\$(122)
Goodwill balance at September 30, 2018, adjusted for accumulated impairment charges	\$ 17,379	\$ 1,924	\$ —	\$19,303

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 Condensed Consolidated Balance Sheets at September 30, 2018, and December 31, 2017.

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.

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.

In the third quarter of 2018, based on the results of the annual quantitative goodwill impairment test, management determined that the fair value of the Commercial Renewables reporting unit was below its respective carrying value, including goodwill. Determination of the Commercial Renewables reporting unit fair value was based on an income approach, which estimates the fair value based on discounted future cash flows. The fair value of the Commercial Renewables reporting unit is impacted by several factors, including forecasted tax credit utilization, the cost of capital, current and forecasted solar and wind volumes, and legislative developments. Certain assumptions used in determining the fair value of the reporting unit in the 2018 impairment test changed from those used in the 2017

annual impairment test including the cost of capital as a result of rising interest rates and the timing of tax credit utilization due to the Tax Act and IRS (Internal Revenue Service) clarification on bonus depreciation in August 2018. Based on the quantitative impairment test, the estimated fair value of the Commercial Renewables reporting unit was below its carrying value by an immaterial amount but still more than the goodwill balance assigned to the reporting unit. As such, the entire remaining goodwill balance of approximately \$93 million was impaired during the third quarter of 2018.

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. As such, no other impairment charges were recorded in the third quarter of 2018.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

8. RELATED PARTY TRANSACTIONS

The Subsidiary Registrants engage in related party transactions in accordance with applicable state and federal commission regulations. Refer to the Condensed 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 on the Condensed Consolidated Statements of Operations and Comprehensive Income are presented in the following table.

(in millions)	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
Duke Energy Carolinas				
Corporate governance and shared service expenses ^(a)	\$ 214	\$ 206	\$ 647	\$ 645
Indemnification coverages ^(b)	6	5	17	17
JDA revenue ^(c)	13	9	66	42
JDA expense ^(c)	61	39	134	91
Intercompany natural gas purchases ^(d)	3	3	11	5
Progress Energy				
Corporate governance and shared service expenses ^(a)	\$ 216	\$ 207	\$ 613	\$ 555
Indemnification coverages ^(b)	8	10	25	29
JDA revenue ^(c)	61	39	134	91
JDA expense ^(c)	13	9	66	42
Intercompany natural gas purchases ^(d)	20	19	58	57
Duke Energy Progress				
Corporate governance and shared service expenses ^(a)	\$ 138	\$ 112	\$ 382	\$ 321
Indemnification coverages ^(b)	3	4	9	11
JDA revenue ^(c)	61	39	134	91
JDA expense ^(c)	13	9	66	42
Intercompany natural gas purchases ^(d)	20	19	58	57
Duke Energy Florida				
Corporate governance and shared service expenses ^(a)	\$ 78	\$ 95	\$ 231	\$ 234
Indemnification coverages ^(b)	5	6	16	18
Duke Energy Ohio				
Corporate governance and shared service expenses ^(a)	\$ 85	\$ 90	\$ 264	\$ 275
Indemnification coverages ^(b)	1	1	3	3
Duke Energy Indiana				
Corporate governance and shared service expenses ^(a)	\$ 105	\$ 94	\$ 302	\$ 281
Indemnification coverages ^(b)	2	2	6	6
Piedmont				
Corporate governance and shared service expenses ^(a)	\$ 39	\$ 11	\$ 115	\$ 25
Indemnification coverages ^(b)	1	1	2	2

Intercompany natural gas sales^(d) 23 22 69 62

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, (a) as well as other third-party costs. These amounts are primarily recorded in Operation, maintenance and other on the Condensed Consolidated Statements of Operations and Comprehensive Income.

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

Duke Energy Carolinas and Duke Energy Progress participate in a Joint Dispatch Agreement (JDA), which allows the collective dispatch of power plants between the service territories to reduce customer rates. Revenues from the (c) 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 Condensed Consolidated Statements of Operations and Comprehensive Income.

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 Operating revenues, and Duke Energy (d) Carolinas and Duke Energy Progress record the related purchases as a component of Fuel used in electric generation and purchased power on their respective Condensed Consolidated Statements of Operations and Comprehensive Income. These intercompany revenues and expenses are eliminated in consolidation.

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. These transactions of the Subsidiary Registrants were not material for the three and nine months ended September 30, 2018, and 2017.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

As discussed in Note 12, certain trade receivables have been sold by Duke Energy Ohio and Duke Energy Indiana to Cinergy Receivables Company LLC (CRC), an indirect subsidiary of Duke Energy. The proceeds obtained from the sales of receivables are largely cash but also include a subordinated note from CRC for a portion of the purchase price.

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 for the three and nine months ended September 30, 2018, and 2017, which are included in Cost of natural gas on Piedmont's Condensed Consolidated Statements of Operations and Comprehensive Income.

(in millions)	Type of expense	Three Months Ended		Nine Months Ended	
		September 30,		September 30,	
		2018	2017	2018	2017
Cardinal	Transportation Costs	\$ 2	\$ 2	\$ 5	\$ 6
Pine Needle	Natural Gas Storage Costs	2	2	6	6
Hardy Storage	Natural Gas Storage Costs	2	2	7	7
Total		\$ 6	\$ 6	\$ 18	\$ 19

Piedmont had accounts payable to its equity method investments of \$2 million at September 30, 2018, and December 31, 2017, related to these transactions. These amounts are included in Accounts payable on the Condensed Consolidated Balance Sheets.

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.

(in millions)	Duke Energy Carolinas	Duke Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
September 30, 2018							
Intercompany income tax receivable	\$ 32	\$ 196	\$ 80	\$ —	\$ —	\$ 22	\$ 11
Intercompany income tax payable	—	—	—	77	9	—	—

December 31, 2017

Intercompany income tax receivable	\$ —	\$ 168	\$ —	\$ 44	\$ 22	\$ —	\$ 7
Intercompany income tax payable	44	—	21	—	—	35	—

9. 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 Condensed Consolidated Balance Sheets. Cash collateral related to derivative instruments executed under master netting arrangements is offset against the collateralized derivatives on the Condensed Consolidated Balance Sheets. The cash impacts of settled derivatives are recorded as operating activities on the Condensed 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 or Treasury locks 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.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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. Gains and losses reclassified out of AOCI for the three and nine months ended September 30, 2018, and 2017 were not material. 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 primarily include contracts not designated as a hedge because they are accounted for under regulatory accounting or contracts that do not qualify for hedge accounting.

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

The following table shows notional amounts of outstanding derivatives related to interest rate risk.

September 30, 2018						
	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio
(in millions)						
Cash flow hedges	\$411	\$ —	\$ —	\$ —	\$ —	\$ —
Undesignated contracts	1,127	400	500	250	250	27
Total notional amount ^(a)	\$1,538	\$ 400	\$ 500	\$ 250	\$ 250	\$ 27
December 31, 2017						
	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio
(in millions)						
Cash flow hedges ^(a)	\$660	\$ —	\$ —	\$ —	\$ —	\$ —
Undesignated contracts	927	400	500	250	250	27
Total notional amount	\$1,587	\$ 400	\$ 500	\$ 250	\$ 250	\$ 27

Duke Energy includes amounts related to consolidated VIEs of \$411 million in cash flow hedges and \$200 million (a) in undesignated contracts as of September 30, 2018, and \$660 million in cash flow hedges as of

December 31, 2017.

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 natural gas costs volatility for customers.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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.

September 30, 2018

	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Indiana	Duke Energy Piedmont
Electricity (gigawatt-hours)	170	—	—	—	—	170	—
Natural gas (millions of dekatherms)	744	119	167	158	9	1	457

December 31, 2017

	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Indiana	Duke Energy Piedmont
Electricity (gigawatt-hours)	34	—	—	—	—	34	—
Natural gas (millions of dekatherms)	770	105	183	133	50	2	480

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

LOCATION AND FAIR VALUE OF DERIVATIVE ASSETS AND LIABILITIES RECOGNIZED ON THE CONDENSED 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 Condensed Consolidated Balance Sheets, the fair values presented below are shown gross and cash collateral on the derivatives has not been netted against the fair values shown.

Derivative Assets	September 30, 2018							
	Duke Energy Carolinas	Duke Energy Progress	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Duke Energy Piedmont	
(in millions)								
Commodity Contracts								
Not Designated as Hedging Instruments								
Current	\$46	\$ 2	\$ 3	\$ 2	\$ 1	\$ 8	\$ 29	\$ 4
Noncurrent	1	—	—	—	—	—	—	—
Total Derivative Assets – Commodity Contracts	\$47	\$ 2	\$ 3	\$ 2	\$ 1	\$ 8	\$ 29	\$ 4
Interest Rate Contracts								
Designated as Hedging Instruments								
Current	\$6	\$ 5	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Noncurrent	6	—	—	—	—	—	—	—
Not Designated as Hedging Instruments								
Current	1	—	—	—	—	—	—	—
Noncurrent	17	—	—	—	—	—	—	—
Total Derivative Assets – Interest Rate Contracts	\$30	\$ 5	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Total Derivative Assets	\$77	\$ 7	\$ 3	\$ 2	\$ 1	\$ 8	\$ 29	\$ 4
Derivative Liabilities	September 30, 2018							
	Duke Energy Carolinas	Duke Energy Progress	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Duke Energy Piedmont	
(in millions)								
Commodity Contracts								
Not Designated as Hedging Instruments								
Current	\$26	\$ 14	\$ 5	\$ 5	\$ —	\$ —	\$ —	\$ 7
Noncurrent	177	14	17	8	—	—	—	146
Total Derivative Liabilities – Commodity Contracts	\$203	\$ 28	\$ 22	\$ 13	\$ —	\$ —	\$ —	\$ 153
Interest Rate Contracts								
Designated as Hedging Instruments								
Current	\$2	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Not Designated as Hedging Instruments								
Current	7	—	6	3	3	1	—	—
Noncurrent	13	—	9	8	2	3	—	—

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Total Derivative Liabilities – Interest Rate Contracts	\$22	\$ —	\$ 15	\$ 11	\$ 5	\$ 4	\$ —	\$ —
Total Derivative Liabilities	\$225	\$ 28	\$ 37	\$ 24	\$ 5	\$ 4	\$ —	\$ 153

72

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Derivative Assets	December 31, 2017							
	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
(in millions)								
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
Derivative Liabilities	December 31, 2017							
	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
(in millions)								
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								
Current	\$29	\$ 25	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Noncurrent	6	—	—	—	—	—	—	—
Not Designated as Hedging Instruments								
Current	1	—	1	—	—	1	—	—
Noncurrent	12	—	7	6	2	4	—	—
Total Derivative Liabilities – Interest Rate Contracts	\$48	\$ 25	\$ 8	\$ 6	\$ 2	\$ 5	\$ —	\$ —
Total Derivative Liabilities	\$230	\$ 35	\$ 36	\$ 18	\$ 12	\$ 5	\$ —	\$ 142

OFFSETTING ASSETS AND LIABILITIES

The following tables present the line items on the Condensed 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.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Derivative Assets	September 30, 2018							
	Duke		Duke		Duke		Duke	
	Duke Energy	Progress	Energy	Progress	Florida	Ohio	Indiana	Piedmont
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Current								
Gross amounts recognized	\$53	\$ 7	\$ 3	\$ 2	\$ 1	\$ 8	\$ 29	\$ 4
Gross amounts offset	(4)	(2)	(2)	(2)	—	—	—	—
Net amounts presented in Current Assets: Other	\$49	\$ 5	\$ 1	\$ —	\$ 1	\$ 8	\$ 29	\$ 4
Noncurrent								
Gross amounts recognized	\$24	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Gross amounts offset	(1)	—	—	—	—	—	—	—
Net amounts presented in Other Noncurrent Assets:	\$23	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Other								
Derivative Liabilities	September 30, 2018							
	Duke		Duke		Duke		Duke	
	Duke Energy	Progress	Energy	Progress	Florida	Ohio	Indiana	Piedmont
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
Current								
Gross amounts recognized	\$35	\$ 14	\$ 11	\$ 8	\$ 3	\$ 1	\$ —	\$ 7
Gross amounts offset	(4)	(2)	(2)	(2)	—	—	—	—
Net amounts presented in Current Liabilities: Other	\$31	\$ 12	\$ 9	\$ 6	\$ 3	\$ 1	\$ —	\$ 7
Noncurrent								
Gross amounts recognized	\$190	\$ 14	\$ 26	\$ 16	\$ 2	\$ 3	\$ —	\$ 146
Gross amounts offset	(1)	—	(1)	(1)	—	—	—	—
Net amounts presented in Other Noncurrent Liabilities: Other	\$189	\$ 14	\$ 25	\$ 15	\$ 2	\$ 3	\$ —	\$ 146
Derivative Assets	December 31, 2017							
	Duke		Duke		Duke		Duke	
	Duke Energy	Progress	Energy	Progress	Florida	Ohio	Indiana	Piedmont
(in millions)	Energy	Carolinas	Energy	Progress	Florida	Ohio	Indiana	Piedmont
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	\$ —	\$ —	\$ —	\$ —
Gross amounts offset	—	—	—	—	—	—	—	—
Net amounts presented in Other Noncurrent Assets: Other	\$16	\$ —	\$ 1	\$ 1	\$ —	\$ —	\$ —	\$ —

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Derivative Liabilities	December 31, 2017							
	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
(in millions)								
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

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.

	September 30, 2018				
	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida
(in millions)					
Aggregate fair value of derivatives in a net liability position	\$48	\$ 26	\$ 23	\$ 22	\$ —
Fair value of collateral already posted	—	—	—	—	—
Additional cash collateral or letters of credit in the event credit-risk-related contingent features were triggered	48	26	23	22	—
	December 31, 2017				
	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida
(in millions)					
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

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.

10. INVESTMENTS IN DEBT AND EQUITY SECURITIES

Duke Energy's investments in debt and equity 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 Other Post-Retirement Benefit Obligations (OPEB) plans and (iii) Bison. The Duke Energy Registrants classify investments in debt securities as available-for-sale (AFS) and investments in equity securities as fair value through net income (FV-NI).

For investments in debt securities classified as AFS, the unrealized gains and losses are included in other comprehensive income until realized, at which time, they are reported through net income. For investments in equity securities classified as FV-NI, both realized and unrealized gains and losses are reported through net income. Substantially all of Duke Energy's investments in debt and equity securities qualify for regulatory accounting, and accordingly, all associated realized and unrealized gains and losses on these investments are deferred as a regulatory asset or liability.

Duke Energy classifies the majority of investments in debt and equity securities as long term, unless otherwise noted.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (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 securities within the Investment Trusts are considered OTTI and are recognized immediately and deferred to regulatory accounts where appropriate.

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. 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. If an OTTI exists, the unrealized credit loss is included in earnings. There were no material credit losses as of September 30, 2018, and December 31, 2017.

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

DUKE ENERGY

The following table presents the estimated fair value of investments in debt and equity securities; equity investments are classified as FV-NI and debt investments are classified as AFS.

	September 30, 2018 ^(a)			December 31, 2017		
	Gross Holding	Gross Holding	Estimated Fair Value	Gross Holding	Gross Holding	Estimated Fair Value
(in millions)	Unrealized Gains	Unrealized Losses		Unrealized Gains	Unrealized Losses	
NDTF						
Cash and cash equivalents	\$—	\$ —	\$ 75	\$—	\$ —	\$ 115
Equity securities	3,117	48	5,272	2,805	27	4,914
Corporate debt securities	5	10	595	17	2	570
Municipal bonds	—	7	346	4	3	344
U.S. government bonds	5	25	974	11	7	1,027
Other debt securities	—	3	141	—	1	118
Total NDTF Investments	\$3,127	\$ 93	\$ 7,403	\$2,837	\$ 40	\$ 7,088
Other Investments						
Cash and cash equivalents	\$—	\$ —	\$ 21	\$—	\$ —	\$ 15
Equity securities	51	—	115	59	—	123
Corporate debt securities	—	1	64	1	—	57
Municipal bonds	1	1	85	2	1	83
U.S. government bonds	—	1	59	—	—	41
Other debt securities	—	1	43	—	1	44
Total Other Investments	\$52	\$ 4	\$ 387	\$62	\$ 2	\$ 363

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Total Investments \$3,179 \$ 97 \$ 7,790 \$2,899 \$ 42 \$ 7,451

Where regulatory accounting is applied, realized and unrealized gains and losses are deferred as regulatory assets (a) or liabilities, and there is no impact to net income or other comprehensive income until the gain or loss is amortized or collected.

The table below summarizes the maturity date for debt securities.

(in millions) September 30, 2018

Due in one year or less \$ 100

Due after one through five years 492

Due after five through 10 years 561

Due after 10 years 1,154

Total \$ 2,307

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Realized gains and losses, which were determined on a specific identification basis, from sales of FV-NI and AFS securities for the three and nine months ended September 30, 2018, and from sales of AFS securities for the three and nine months ended September 30, 2017, were as follows.

	Three Months Ended September 30, 2018	Nine Months Ended September 30, 2018
(in millions)		
FV-NI:		
Realized gains	\$ 19	\$ 85
Realized losses	16	60
AFS:		
Realized gains	4	14
Realized losses	7	32

	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2017
(in millions)		
Realized gains	\$ 37	\$ 170
Realized losses	25	124

DUKE ENERGY CAROLINAS

The following table presents the estimated fair value of investments in debt and equity securities; equity investments are classified as FV-NI and debt investments are classified as AFS.

	September 30, 2018 ^(a)			December 31, 2017		
	Gross Unrealized Holding Gains	Gross Unrealized Holding Losses	Estimated Fair Value	Gross Unrealized Holding Gains	Gross Unrealized Holding Losses	Estimated Fair Value
(in millions)						
NDTF						
Cash and cash equivalents	\$—	\$ —	\$ 18	\$—	\$ —	\$ 32
Equity securities	1,692	29	2,890	1,531	12	2,692
Corporate debt securities	2	7	372	9	2	359
Municipal bonds	—	2	80	—	1	60
U.S. government bonds	1	14	439	3	4	503
Other debt securities	—	3	137	—	1	112
Total NDTF Investments	\$ 1,695	\$ 55	\$ 3,936	\$ 1,543	\$ 20	\$ 3,758

Where regulatory accounting is applied, realized and unrealized gains and losses are deferred as regulatory assets (a) or liabilities, and there is no impact to net income or other comprehensive income until the gain or loss is amortized or collected.

The table below summarizes the maturity date for debt securities.

(in millions)	September 30, 2018
Due in one year or less	\$ 12

Due after one through five years	161
Due after five through 10 years	289
Due after 10 years	566
Total	\$ 1,028

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Realized gains and losses, which were determined on a specific identification basis, from sales of FV-NI and AFS securities for the three and nine months ended September 30, 2018, and from sales of AFS securities for the three and nine months ended September 30, 2017, were as follows.

	Three Months Ended September 30, 2018	Nine Months Ended September 30, 2018
--	---	---

(in millions)

FV-NI:

Realized gains	\$ 11	\$ 47
Realized losses	8	30

AFS:

Realized gains	4	13
Realized losses	6	24

	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2017
--	--	---

Realized gains	\$ 20	\$ 110
Realized losses	13	76

PROGRESS ENERGY

The following table presents the estimated fair value of investments in debt and equity securities; equity investments are classified as FV-NI and debt investments are classified as AFS.

	September 30, 2018 ^(a)			December 31, 2017		
	Gross Unrealized Holding Gains	Gross Unrealized Holding Losses	Estimated Fair Value	Gross Unrealized Holding Gains	Gross Unrealized Holding Losses	Estimated Fair Value

(in millions)

NDTF						
Cash and cash equivalents	\$—	\$ —	\$ 57	\$—	\$ —	\$ 83
Equity securities	1,425	19	2,382	1,274	15	2,222
Corporate debt securities	3	3	223	8	—	211
Municipal bonds	—	5	266	4	2	284
U.S. government bonds	4	11	535	8	3	524
Other debt securities	—	—	4	—	—	6
Total NDTF Investments	\$1,432	\$ 38	\$ 3,467	\$1,294	\$ 20	\$ 3,330
Other Investments						
Cash and cash equivalents	\$—	\$ —	\$ 18	\$—	\$ —	\$ 12
Municipal bonds	1	—	48	2	—	47
Total Other Investments	\$1	\$ —	\$ 66	\$2	\$ —	\$ 59
Total Investments	\$1,433	\$ 38	\$ 3,533	\$1,296	\$ 20	\$ 3,389

(a)

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Where regulatory accounting is applied, realized and unrealized gains and losses are deferred as regulatory assets or liabilities, and there is no impact to net income or other comprehensive income until the gain or loss is amortized or collected.

The table below summarizes the maturity date for debt securities.

(in millions) September 30, 2018

Due in one year or less	\$ 83
Due after one through five years	268
Due after five through 10 years	217
Due after 10 years	508
Total	\$ 1,076

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Realized gains and losses, which were determined on a specific identification basis, from sales of FV-NI and AFS securities for the three and nine months ended September 30, 2018, and from sales of AFS securities for the three and nine months ended September 30, 2017, were as follows.

	Three Months Ended September 30, 2018	Nine Months Ended September 30, 2018
--	---	---

FV-NI:

Realized gains	\$ 8	\$ 38
Realized losses	8	30

AFS:

Realized gains	—	1
Realized losses	1	8

	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2017
Realized gains	\$ 16	\$ 58
Realized losses	12	47

DUKE ENERGY PROGRESS

The following table presents the estimated fair value of investments in debt and equity securities; equity investments are classified as FV-NI and debt investments are classified as AFS.

	September 30, 2018 ^(a)			December 31, 2017		
	Gross Unrealized Holding Gains	Gross Unrealized Holding Losses	Estimated Fair Value	Gross Unrealized Holding Gains	Gross Unrealized Holding Losses	Estimated Fair Value
(in millions)						
NDTF						
Cash and cash equivalents	\$—	\$ —	\$ 42	\$—	\$ —	\$ 50
Equity securities	1,101	14	1,913	980	12	1,795
Corporate debt securities	2	2	162	6	—	149
Municipal bonds	—	5	265	4	2	283
U.S. government bonds	3	8	352	5	2	310
Other debt securities	—	—	2	—	—	4
Total NDTF Investments	\$ 1,106	\$ 29	\$ 2,736	\$ 995	\$ 16	\$ 2,591
Other Investments						
Cash and cash equivalents	\$—	\$ —	\$ 8	\$—	\$ —	\$ 1
Total Other Investments	\$—	\$ —	\$ 8	\$—	\$ —	\$ 1
Total Investments	\$ 1,106	\$ 29	\$ 2,744	\$ 995	\$ 16	\$ 2,592

(a) Where regulatory accounting is applied, realized and unrealized gains and losses are deferred as regulatory assets or liabilities, and there is no impact to net income or other comprehensive income until the gain or loss is amortized

or collected.

The table below summarizes the maturity date for debt securities.

(in millions) September 30, 2018

Due in one year or less	\$ 40
Due after one through five years	200
Due after five through 10 years	156
Due after 10 years	385
Total	\$ 781

79

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Realized gains and losses, which were determined on a specific identification basis, from sales of FV-NI and AFS securities for the three and nine months ended September 30, 2018, and from sales of AFS securities for the three and nine months ended September 30, 2017, were as follows.

	Three Months Ended September 30, 2018	Nine Months Ended September 30, 2018
(in millions)		
FV-NI:		
Realized gains	\$ 7	\$ 32
Realized losses	7	27
AFS:		
Realized gains	—	1
Realized losses	1	6

	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2017
(in millions)		
Realized gains	\$ 14	\$ 49
Realized losses	11	41

DUKE ENERGY FLORIDA

The following table presents the estimated fair value of investments in debt and equity securities; equity investments are classified as FV-NI and debt investments are classified as AFS.

	September 30, 2018 ^(a)			December 31, 2017		
	Gross Unrealized Holding Gains	Gross Unrealized Holding Losses	Estimated Fair Value	Gross Unrealized Holding Gains	Gross Unrealized Holding Losses	Estimated Fair Value
(in millions)						
NDTF						
Cash and cash equivalents	\$ —	\$ —	\$ 15	\$ —	\$ —	\$ 33
Equity securities	324	5	469	294	3	427
Corporate debt securities	1	1	61	2	—	62
Municipal bonds	—	—	1	—	—	1
U.S. government bonds	1	3	183	3	1	214
Other debt securities	—	—	2	—	—	2
Total NDTF Investments ^(b)	\$ 326	\$ 9	\$ 731	\$ 299	\$ 4	\$ 739
Other Investments						
Cash and cash equivalents	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1
Municipal bonds	1	—	48	2	—	47
Total Other Investments	\$ 1	\$ —	\$ 48	\$ 2	\$ —	\$ 48
Total Investments	\$ 327	\$ 9	\$ 779	\$ 301	\$ 4	\$ 787

(a)

Where regulatory accounting is applied, realized and unrealized gains and losses are deferred as regulatory assets or liabilities, and there is no impact to net income or other comprehensive income until the gain or loss is amortized or collected.

- (b) During the nine months ended September 30, 2018, 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)	September 30, 2018
Due in one year or less	\$ 43
Due after one through five years	68
Due after five through 10 years	61
Due after 10 years	123
Total	\$ 295

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Realized gains and losses, which were determined on a specific identification basis, from sales of FV-NI and AFS securities for the three and nine months ended September 30, 2018, and from sales of AFS securities for the three and nine months ended September 30, 2017, were as follows.

	Three Months Ended September 30, 2018	Nine Months Ended September 30, 2018
(in millions)		
FV-NI:		
Realized gains	\$ 1	\$ 6
Realized losses	1	3
AFS:		
Realized gains	—	—
Realized losses	—	2

	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2017
(in millions)		
Realized gains	\$ 2	\$ 9
Realized losses	1	6

DUKE ENERGY INDIANA

The following table presents the estimated fair value of investments in debt and equity securities; equity investments are measured at FV-NI and debt investments are classified as AFS.

	September 30, 2018 ^(a)			December 31, 2017		
	Gross Unrealized Holding Gains	Gross Unrealized Holding Losses	Estimated Fair Value	Gross Unrealized Holding Gains	Gross Unrealized Holding Losses	Estimated Fair Value
(in millions)						
Investments						
Equity securities	\$ 40	\$ —	\$ 78	\$ 49	\$ —	\$ 97
Corporate debt securities	—	—	8	—	—	3
Municipal bonds	—	1	32	—	1	28
Total Investments	\$ 40	\$ 1	\$ 118	\$ 49	\$ 1	\$ 128

Realized and unrealized gains and losses where regulatory accounting is applied are deferred as regulatory assets or (a) liabilities, and there is no impact to net income or other comprehensive income until the gain or loss is amortized or collected.

The table below summarizes the maturity date for debt securities.

(in millions)	September 30, 2018
Due in one year or less	\$ 2
Due after one through five years	20
Due after five through 10 years	5
Due after 10 years	13

Total \$ 40

Realized gains and losses, which were determined on a specific identification basis, from sales of FV-NI and AFS securities for the three and nine months ended September 30, 2018, and from sales of AFS securities for the three and nine months ended September 30, 2017, were insignificant.

11. 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.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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.

Level 3 – Any fair value measurement that 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 at fair value using the net asset value (NAV) per share practical expedient. The NAV is derived based on the investment cost, less any impairment, plus or minus changes resulting from observable price changes for an identical or similar investment of the same issuer.

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 three and nine months ended September 30, 2018, and 2017.

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 New York Stock Exchange and 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 natural 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 in Duke Energy's Annual Report on Form 10-K/A for the year ended December 31, 2017, for a discussion of the valuation of goodwill and intangible assets.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

DUKE ENERGY

The following tables provide recorded balances for assets and liabilities measured at fair value on a recurring basis on the Condensed Consolidated Balance Sheets. Derivative amounts in the tables below for all Duke Energy Registrants exclude cash collateral, which is disclosed in Note 9. See Note 10 for additional information related to investments by major security type for the Duke Energy Registrants.

September 30, 2018					
(in millions)	Total Fair Value	Level 1	Level 2	Level 3	Not Categorized
NDTF equity securities	\$5,272	\$5,203	\$—	\$—	\$ 69
NDTF debt securities	2,131	510	1,621	—	—
Other equity securities	115	115	—	—	—
Other debt securities	272	78	194	—	—
Derivative assets	77	4	36	37	—
Total assets	7,867	5,910	1,851	37	69
Derivative liabilities	(225)	—	(72)	(153)	—
Net assets (liabilities)	\$7,642	\$5,910	\$1,779	\$(116)	\$ 69

December 31, 2017					
(in millions)	Total Fair Value	Level 1	Level 2	Level 3	Not Categorized
NDTF equity securities	\$4,914	\$4,840	\$—	\$—	\$ 74
NDTF debt securities	2,174	635	1,539	—	—
Other equity securities	123	123	—	—	—
Other 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

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

(in millions)	Three Months Ended September 30, 2018		Three Months Ended September 30, 2017	
	Derivatives Investments (net)	Total	Derivatives Investments (net)	Total
Balance at beginning of period	\$ —	\$(97)	\$ —	\$(91)

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Purchases, sales, issuances and settlements:

Settlements	—	(14)	(14)	—	(12)	(12)
Total (losses) gains included on the Condensed Consolidated Balance Sheet	—	(5)	(5)	—	10	10
Balance at end of period	\$ —	\$(116)	\$(116)	\$ —	\$(93)	\$(93)

Nine Months
Ended September 30, 2018

Nine Months
Ended September 30, 2017

(in millions)

	Derivatives Investments (net)	Total	Derivatives Investments (net)	Total
Balance at beginning of period	\$ —	\$(114)	\$ 5	\$(166)
Total pretax realized or unrealized gains included in comprehensive income	—	—	1	1
Purchases, sales, issuances and settlements:				
Purchases	—	56	—	55
Sales	—	—	(6)	(6)
Settlements	—	(43)	—	(30)
Total (losses) gains included on the Condensed Consolidated Balance Sheet	—	(15)	—	48
Balance at end of period	\$ —	\$(116)	\$ —	\$(93)

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

DUKE ENERGY CAROLINAS

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

September 30, 2018				
(in millions)	Total Fair Value	Level 1	Level 2	Not Categorized
NDTF equity securities	\$2,890	\$2,821	\$—	\$ 69
NDTF debt securities	1,046	122	924	—
Derivative assets	7	—	7	—
Total assets	3,943	2,943	931	69
Derivative liabilities	(28)	—	(28)	—
Net assets	\$3,915	\$2,943	\$903	\$ 69
December 31, 2017				
(in millions)	Total Fair Value	Level 1	Level 2	Not Categorized
NDTF equity securities	\$2,692	\$2,618	\$—	\$ 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	\$ 74

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

(in millions)	Investments			
	Three Months Ended September 30, 2018	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2018	Nine Months Ended September 30, 2017
Balance at beginning of period	\$ —	\$ —	\$ —	\$ 3
Total pretax realized or unrealized gains included in comprehensive income	—	—	—	1
Purchases, sales, issuances and settlements:				
Sales	—	—	—	(4)
Balance at end of period	\$ —	\$ —	\$ —	\$ —

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

PROGRESS ENERGY

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

(in millions)	September 30, 2018			December 31, 2017		
	Total Fair Value	Level 1	Level 2	Total Fair Value	Level 1	Level 2
NDTF equity securities	\$2,382	\$2,382	\$—	\$2,222	\$2,222	\$—
NDTF debt securities	1,085	388	697	1,108	431	677
Other debt securities	66	18	48	59	12	47
Derivative assets	3	—	3	3	1	2
Total assets	3,536	2,788	748	3,392	2,666	726
Derivative liabilities	(37)	—	(37)	(36)	(1)	(35)
Net assets	\$3,499	\$2,788	\$711	\$3,356	\$2,665	\$691

DUKE ENERGY PROGRESS

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

(in millions)	September 30, 2018			December 31, 2017		
	Total Fair Value	Level 1	Level 2	Total Fair Value	Level 1	Level 2
NDTF equity securities	\$1,913	\$1,913	\$—	\$1,795	\$1,795	\$—
NDTF debt securities	823	254	569	796	243	553
Other debt securities	8	8	—	1	1	—
Derivative assets	2	—	2	2	1	1
Total assets	2,746	2,175	571	2,594	2,040	554
Derivative liabilities	(24)	—	(24)	(18)	(1)	(17)
Net assets	\$2,722	\$2,175	\$547	\$2,576	\$2,039	\$537

DUKE ENERGY FLORIDA

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

(in millions)	September 30, 2018			December 31, 2017		
	Total Fair Value	Level 1	Level 2	Total Fair Value	Level 1	Level 2
NDTF equity securities	\$469	\$469	\$—	\$427	\$427	\$—
NDTF debt securities	262	134	128	312	188	124
Other debt securities	48	—	48	48	1	47
Derivative assets	1	—	1	1	—	1

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Total assets	780	603	177	788	616	172
Derivative liabilities	(5)	—	(5)	(12)	—	(12)
Net assets	\$ 775	\$ 603	\$ 172	\$ 776	\$ 616	\$ 160

DUKE ENERGY OHIO

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

	September 30, 2018			December 31, 2017		
(in millions)	Total Fair Value	Level 2	Level 3	Total Fair Value	Level 2	Level 3
Derivative assets	\$ 8	\$ —	\$ 8	\$ 1	\$ —	\$ 1
Derivative liabilities	(4)	(4)	—	(5)	(5)	—
Net assets (liabilities)	\$ 4	\$ (4)	\$ 8	\$ (4)	\$ (5)	\$ 1

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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

(in millions)	Derivatives (net)			
	Three Months Ended September 30, 2018	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2018	Nine Months Ended September 30, 2017
Balance at beginning of period	\$9	\$3	\$1	\$5
Purchases, sales, issuances and settlements:				
Purchases	—	—	7	3
Settlements	(1)	(1)	(2)	(3)
Total gains (losses) included on the Condensed Consolidated Balance Sheet	—	—	2	(3)
Balance at end of period	\$8	\$2	\$8	\$2

DUKE ENERGY INDIANA

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

(in millions)	September 30, 2018				December 31, 2017			
	Total Fair Value	Level 1	Level 2	Level 3	Total Fair Value	Level 1	Level 2	Level 3
Other equity securities	\$78	\$78	\$—	\$—	\$97	\$97	\$—	\$—
Other debt securities	40	—	40	—	31	—	31	—
Derivative assets	29	—	—	29	27	—	—	27
Total assets	\$147	\$78	\$40	\$29	\$155	\$97	\$31	\$27

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

(in millions)	Derivatives (net)			
	Three Months Ended September 30, 2018	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2018	Nine Months Ended September 30, 2017
Balance at beginning of period	\$44	\$51	\$27	\$16
Purchases, sales, issuances and settlements:				
Purchases	—	—	49	52
Settlements	(13)	(11)	(41)	(27)
Total losses included on the Condensed Consolidated Balance Sheet	(2)	(12)	(6)	(13)
Balance at end of period	\$29	\$28	\$29	\$28

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

PIEDMONT

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

September 30, 2018			
(in millions)	Total	Level	Level
	Fair	1	3
	Value		
Derivative assets	\$ 4	\$ 4	\$ —
Derivative liabilities	(153)	—	(153)
Net (liabilities) assets	\$ (149)	\$ 4	\$ (153)

December 31, 2017

(in millions)	Total	Level	Level
	Fair	1	3
	Value		
Other debt securities	\$ 1	\$ 1	\$ —
Derivative assets	2	2	—
Total assets	3	3	—
Derivative liabilities	(142)	—	(142)
Net (liabilities) assets	\$ (139)	\$ 3	\$ (142)

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

(in millions)	Derivatives (net)			
	Three Months		Nine Months	
	Ended September 30,		Ended September 30,	
	2018	2017	2018	2017
Balance at beginning of period	\$(150)	\$(145)	\$(142)	\$(187)
Total (losses) gains and settlements	(3)	22	(11)	64
Balance at end of period	\$(153)	\$(123)	\$(153)	\$(123)

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

QUANTITATIVE INFORMATION ABOUT UNOBSERVABLE INPUTS

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

Investment Type	September 30, 2018		Unobservable Input	Range
	Fair Value (in millions)	Valuation Technique		
Duke Energy Ohio Financial Transmission Rights (FTRs)	\$8	RTO auction pricing	FTR price – per megawatt-hour (MWh)	\$1.03 -\$4.10
Duke Energy Indiana FTRs	29	RTO auction pricing	FTR price – per MWh	(2.32)-8.11
Piedmont Natural gas contracts	(153)	Discounted cash flow	Forward natural gas curves – price per million British thermal unit (MMBtu)	1.74 -3.41
Duke Energy Total Level 3 derivatives	\$(116)			

Investment Type	December 31, 2017		Unobservable Input	Range
	Fair Value (in millions)	Valuation Technique		
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)			

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.

(in millions)	September 30, 2018		December 31, 2017	
	Book Value	Fair Value	Book Value	Fair Value
Duke Energy ^(a)	\$53,962	\$53,949	\$52,279	\$55,331

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Duke Energy Carolinas	10,395	10,887	10,103	11,372
Progress Energy	18,912	19,825	17,837	20,000
Duke Energy Progress	8,154	8,231	7,357	7,992
Duke Energy Florida	7,371	7,749	7,095	7,953
Duke Energy Ohio	2,066	2,136	2,067	2,249
Duke Energy Indiana	3,783	4,178	3,783	4,464
Piedmont	2,138	2,175	2,037	2,209

Book value of long-term debt includes \$1.6 billion as of September 30, 2018, and \$1.7 billion as of (a)December 31, 2017, of unamortized debt discount and premium, net in purchase accounting adjustments related to the mergers with Progress Energy and Piedmont that are excluded from fair value of long-term debt.

At both September 30, 2018, and December 31, 2017, 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.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

12. 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 re-evaluation, 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 the consolidated 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 nine months ended September 30, 2018, and the year ended December 31, 2017, 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 Condensed Consolidated Balance Sheets as Long-Term Debt.

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 Condensed 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 summarizes the amounts and expiration dates of the credit facilities and associated restricted receivables described above.

	Duke Energy			
	Duke Energy Carolinas	DERF	Duke Energy Progress	DEPR
(in millions)	CRC	DERF	DEPR	DEFR
Expiration date	December 2020	December 2020	February 2021	April 2021
Credit facility amount	\$325	\$ 450	\$ 300	\$ 225
Amounts borrowed at September 30, 2018	325	450	300	225
Amounts borrowed at December 31, 2017	325	450	300	225
Restricted Receivables at September 30, 2018	504	795	635	456
Restricted Receivables at December 31, 2017	545	640	459	317

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Nuclear Asset-Recovery Bonds – DEFPPF

Duke Energy Florida Project Finance, LLC (DEFPPF) is a bankruptcy remote, wholly owned special purpose subsidiary of Duke Energy Florida. DEFPPF 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, DEFPPF issued 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.

DEFPPF 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 DEFPPF.

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

(in millions)	September 30, 2018	December 31, 2017
Receivables of VIEs	\$ 7	\$ 4
Regulatory Assets: Current	52	51
Current Assets: Other	14	40
Other Noncurrent Assets: Regulatory assets	1,055	1,091
Current Liabilities: Other	3	10
Current maturities of long-term debt	53	53
Long-Term Debt	1,111	1,164

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 Condensed Consolidated Balance Sheets related to renewables VIEs.

(in millions)	September 30, 2018	December 31, 2017
Current Assets: Other	\$ 203	\$ 174
Property, plant and equipment, cost	4,025	3,923
Accumulated depreciation and amortization	(695)	(591)
Other Noncurrent Assets: Other	268	50
Current maturities of long-term debt	175	170
Long-Term Debt	1,604	1,700
Other Noncurrent Liabilities: Deferred income taxes	—	(148)

Other Noncurrent Liabilities: Other	225	241
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90

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

NON-CONSOLIDATED VIEs

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

	September 30, 2018					
	Duke Energy Pipeline Investments	Commercial Renewables	Other VIEs	Total	Duke Energy Ohio	Duke Energy Indiana
(in millions)						
Receivables from affiliated companies	\$—	\$ —	\$ —	\$—	\$ 56	\$ 94
Investments in equity method unconsolidated affiliates	729	190	47	966	—	—
Total assets	\$729	\$ 190	\$ 47	\$966	\$ 56	\$ 94
Other current liabilities	—	—	3	3	—	—
Deferred income taxes	14	—	—	14	—	—
Other noncurrent liabilities	—	—	11	11	—	—
Total liabilities	\$14	\$ —	\$ 14	\$28	\$ —	\$ —
Net assets	\$715	\$ 190	\$ 33	\$938	\$ 56	\$ 94

(a) See Pipeline Investments table below for further details regarding Investments in equity method unconsolidated affiliates.

	December 31, 2017					
	Duke Energy Pipeline Investments	Commercial Renewables	Other VIEs	Total	Duke Energy Ohio	Duke Energy Indiana
(in millions)						
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

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 4.

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.

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The table below presents Duke Energy's ownership interest and investment balances in these joint ventures.

		VIE Investment	
		Amount (in	
		millions)	
		September 30,	December 31,
Entity Name	Ownership Interest	2018	2017
ACP	47 %	\$ 704	\$ 397
Sabal Trail ^(a)	7.5 %	—	219
Constitution ^(b)	24 %	25	81
Total		\$ 729	\$ 697

At December 31, 2017, Sabal Trail was considered a VIE due to having insufficient equity to finance their own activities without subordinated financial support. However, Sabal Trail is now a fully operational, well capitalized entity. As a result, Sabal Trail has sufficient equity to finance its own activities, and therefore, is no longer considered a VIE. Duke Energy's investment in Sabal Trail was \$112 million at September 30, 2018.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

During the nine months ended September 30, 2018, Duke Energy recorded an OTTI of \$55 million related to (b)Constitution within Equity in earnings of unconsolidated affiliates on Duke Energy's Condensed Consolidated Statements of Income. See Note 3 for additional information.

In 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 \$486 million, which represents 47 percent of the outstanding borrowings under the credit facility as of September 30, 2018.

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 Transmission, LLC (Pioneer). Pioneer is considered a VIE due to having insufficient equity to finance its 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 OVEC having insufficient equity to finance its activities without subordinated financial support. As a counterparty to an inter-company power agreement (ICPA), Duke Energy Ohio has a contractual arrangement to receive entitlements to capacity and energy 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. On March 31, 2018, FirstEnergy Solutions (FES), a subsidiary of FirstEnergy and an ICPA counterparty with a power participation ratio of 4.85 percent, filed for Chapter 11 bankruptcy, which could increase costs allocated to the counterparties. On July 31, 2018, the bankruptcy court rejected the FES ICPA, which means OVEC is an unsecured creditor in the FES bankruptcy proceeding. Duke Energy Ohio cannot predict the impact of the bankruptcy filing on its OVEC interests. In addition, certain proposed environmental rulemaking could result in future increased OVEC cost allocations.

CRC

See discussion under Consolidated VIEs for additional information related to CRC.

Amounts included in Receivables from affiliated companies in the above table for Duke Energy Ohio and Duke Energy Indiana reflect their retained interest in receivables sold to CRC. These subordinated notes held by Duke Energy Ohio and Duke Energy Indiana are stated at fair value. Carrying values of retained interests are determined by allocating carrying value of the receivables between assets sold and interests retained based on relative fair value. The allocated bases of the subordinated notes are not materially different than their face value because (i) the receivables generally turn over in less than two months, (ii) credit losses are reasonably predictable due to the broad customer

base and lack of significant concentration and (iii) the equity in CRC is subordinate to all retained interests and thus would absorb losses first. The hypothetical effect on fair value of the retained interests assuming both a 10 percent and a 20 percent unfavorable variation in credit losses or discount rates is not material due to the short turnover of receivables and historically low credit loss history. Interest accrues to Duke Energy Ohio and Duke Energy Indiana on the retained interests using the acceptable yield method. This method generally approximates the stated rate on the notes since the allocated basis and the face value are nearly equivalent. An impairment charge is recorded against the carrying value of both retained interests and purchased beneficial interest whenever it is determined that an OTTI has occurred.

Key assumptions used in estimating fair value are detailed in the following table.

	Duke Energy Ohio		Duke Energy Indiana	
	2018	2017	2018	2017
Anticipated credit loss ratio	0.5 %	0.5 %	0.3 %	0.3 %
Discount rate	2.9 %	2.1 %	2.9 %	2.1 %
Receivable turnover rate	13.6 %	13.5 %	10.9 %	10.7 %

The following table shows the gross and net receivables sold.

	Duke Energy Ohio		Duke Energy Indiana	
(in millions)	September 30, 2018	December 31, 2017	September 30, 2018	December 31, 2017
Receivables sold	\$ 218	\$ 273	\$ 326	\$ 312
Less: Retained interests	56	87	94	106
Net receivables sold	\$ 162	\$ 186	\$ 232	\$ 206

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

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

	Duke Energy Ohio				Duke Energy Indiana			
	Three Months		Nine Months		Three Months		Nine Months	
	Ended		Ended		Ended		Ended	
	September 30,		September 30,		September 30,		September 30,	
(in millions)	2018	2017	2018	2017	2018	2017	2018	2017
Sales								
Receivables sold	\$450	\$438	\$1,478	\$1,392	\$754	\$720	\$2,140	\$2,047
Loss recognized on sale	4	2	10	7	5	3	12	9
Cash flows								
Cash proceeds from receivables sold	\$449	\$434	\$1,499	\$1,421	\$743	\$713	\$2,140	\$2,064
Collection fees received	—	1	1	1	—	—	1	1
Return received on retained interests	2	—	5	2	3	2	7	5

Cash flows from sales of receivables are reflected within Operating Activities on Duke Energy Ohio's and Duke Energy Indiana's Condensed Consolidated Statements of Cash Flows.

Collection fees received in connection with servicing transferred accounts receivable are included in Operation, maintenance and other on Duke Energy Ohio's and Duke Energy Indiana's Condensed 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.

13. REVENUE

As described in Note 1, Duke Energy adopted Revenue from Contracts with Customers effective January 1, 2018, using the modified retrospective method of adoption, which does not require restatement of prior year reported results. No cumulative effect adjustment was recorded as the vast majority of Duke Energy's revenues are at-will and without a defined contractual term. Additionally, comparative disclosures for 2018 operating results with the previous revenue recognition rules are not applicable as Duke Energy's revenue recognition has not materially changed as a result of the new standard.

Duke Energy recognizes revenue consistent with amounts billed under tariff offerings or at contractually agreed upon rates based on actual physical delivery of electric or natural gas service, including estimated volumes delivered when billings have not yet occurred. As such, the majority of Duke Energy's revenues have fixed pricing based on the contractual terms of the published tariffs, with variability in expected cash flows attributable to the customer's volumetric demand and ultimate quantities of energy or natural gas supplied and used during the billing period. The stand-alone selling price of related sales are designed to support recovery of prudently incurred costs and an appropriate return on invested assets and are primarily governed by published tariff rates or contractual agreements approved by relevant regulatory bodies. As described in Note 1, certain excise taxes and franchise fees 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 as part of revenues. Duke Energy elects to account for all other taxes net of revenues.

Performance obligations are satisfied over time as energy or natural gas is delivered and consumed with billings generally occurring monthly and related payments due within 30 days, depending on regulatory requirements. In no event does the timing between payment and delivery of the goods and services exceed one year. Using this output method for revenue recognition provides a faithful depiction of the transfer of electric and natural gas service as customers obtain control of the commodity and benefit from its use at delivery. Additionally, Duke Energy has an enforceable right to consideration for energy or natural gas delivered at any discrete point in time, and will recognize revenue at an amount that reflects the consideration to which Duke Energy is entitled for the energy or natural gas delivered.

As described above, the majority of Duke Energy's tariff revenues are at-will and, as such, related contracts with customers have an expected duration of one year or less and will not have future performance obligations for disclosure. Additionally, other long-term revenue streams, including wholesale contracts, generally provide services that are part of a single performance obligation, the delivery of electricity or natural gas. As such, other than material fixed consideration under long-term contracts, related disclosures for future performance obligations are also not applicable.

Duke Energy earns substantially all of its revenues through its reportable segments, Electric Utilities and Infrastructure, Gas Utilities and Infrastructure and Commercial Renewables.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Electric Utilities and Infrastructure

Electric Utilities and Infrastructure earns the majority of its revenues through retail and wholesale electric service through the generation, transmission, distribution and sale of electricity. Duke Energy generally provides retail and wholesale electric service customers with their full electric load requirements or with supplemental load requirements when the customer has other sources of electricity.

Retail electric service is generally marketed throughout Duke Energy's electric service territory through standard service offers. The standard service offers are through tariffs determined by regulators in Duke Energy's regulated service territory. Each tariff, which is assigned to customers based on customer class, has multiple components such as an energy charge, a demand charge, a basic facilities charge and applicable riders. Duke Energy considers each of these components to be aggregated into a single performance obligation for providing electric service, or in the case of distribution only customers in Duke Energy Ohio, for delivering electricity. Electricity is considered a single performance obligation satisfied over time consistent with the series guidance and is provided and consumed over the billing period (generally one month). Retail electric service is typically provided to at-will customers that can cancel service at any time, without a substantive penalty. Additionally, Duke Energy adheres to applicable regulatory requirements in each jurisdiction to ensure the collectability of amounts billed and appropriate mitigating procedures are followed when necessary. As such, revenue from contracts with customers for such contracts is equivalent to the electricity supplied and billed in that period (including unbilled estimates).

Wholesale electric service is generally provided under long-term contracts using cost-based pricing. FERC regulates costs that may be recovered from customers and the amount of return companies are permitted to earn. Wholesale contracts include both energy and demand charges. For full requirements contracts, Duke Energy considers both charges as a single performance obligation for providing integrated electric service. For contracts where energy and demand charges are considered separate performance obligations, energy and demand are each a distinct performance obligation under the series guidance and are satisfied as energy is delivered and stand-ready service is provided on a monthly basis. This service represents consumption over the billing period and revenue is recognized consistent with billings and unbilled estimates, which generally occur monthly. Contractual amounts owed are typically trued up annually based upon incurred costs in accordance with FERC published filings and the specific customer's actual peak demand. Estimates of variable consideration related to potential additional billings or refunds owed are updated quarterly.

The majority of wholesale revenues are full requirements contracts where the customers purchase the substantial majority of their energy needs and do not have a fixed quantity of contractually required energy or capacity. As such, related forecasted revenues are considered optional purchases. Supplemental requirements contracts that include contracted blocks of energy and capacity at contractually fixed prices have the following estimated remaining performance obligations:

	Remaining Performance Obligations						
(in millions)	2018	2019	2020	2021	2022	Thereafter	Total
Progress Energy	\$24	\$112	\$121	\$80	\$82	\$81	\$500
Duke Energy Progress	2	9	9	9	9	18	56
Duke Energy Florida	22	103	112	71	73	63	444
Duke Energy Indiana	2	9	10	5	—	—	26

Revenues for block sales are recognized monthly as energy is delivered and stand-ready service is provided, consistent with invoiced amounts and unbilled estimates.

Gas Utilities and Infrastructure

Gas Utilities and Infrastructure earns its revenue through retail and wholesale natural gas service through the transportation, distribution and sale of natural gas. Duke Energy generally provides retail and wholesale natural gas service customers with all natural gas load requirements. Additionally, while natural gas can be stored, substantially all natural gas provided by Duke Energy is consumed by customers simultaneously with receipt of delivery.

Retail natural gas service is marketed throughout Duke Energy's natural gas service territory using published tariff rates. The tariff rates are established by regulators in Duke Energy's service territories. Each tariff, which is assigned to customers based on customer class, have multiple components, such as a commodity charge, demand charge, customer or monthly charge and transportation costs. Duke Energy considers each of these components to be aggregated into a single performance obligation for providing natural gas service. For contracts where Duke Energy provides all of the customer's natural gas needs, the delivery of natural gas is considered a single performance obligation satisfied over time, and revenue is recognized monthly based on billings and unbilled estimates as service is provided and the commodity is consumed over the billing period. Additionally, natural gas service is typically at-will and customers can cancel service at any time, without a substantive penalty. Duke Energy also adheres to applicable regulatory requirements to ensure the collectability of amounts billed and receivable and appropriate mitigating procedures are followed when necessary.

Certain long-term individually negotiated contracts exist to provide natural gas service. These contracts are regulated and approved by state commissions. The negotiated contracts have multiple components, including a natural gas and a demand charge, similar to retail natural gas contracts. Duke Energy considers each of these components to be a single performance obligation for providing natural gas service. This service represents consumption over the billing period, generally one month.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Fixed capacity payments under long-term contracts for the Gas segment include minimum margin contracts and supply arrangements with municipalities and power generation facilities. Revenues for related sales are recognized monthly as natural gas is delivered and stand-ready service is provided, consistent with invoiced amounts and unbilled estimates. Estimated remaining performance obligations are as follows:

Remaining Performance Obligations

(in millions) 2018 2019 2020 2021 2022 Thereafter Total

Piedmont \$18 \$71 \$70 \$65 \$64 \$462 \$750

Commercial Renewables

Commercial Renewables earns the majority of its revenues through long-term PPAs and generally sells all of its wind and solar facility output, electricity and Renewable Energy Credits (RECs) to customers. The majority of these PPAs have historically been accounted for as leases. For PPAs that are not accounted for as leases, the delivery of electricity and the delivery of RECs are considered separate performance obligations.

The delivery of electricity is a performance obligation satisfied over time and represents generation and consumption of the electricity over the billing period, generally one month. The delivery of RECs is a performance obligation satisfied at a point in time and represents delivery of each REC generated by the wind or solar facility. The majority of self-generated RECs are bundled with energy in Duke Energy's contracts and, as such, related revenues are recognized as energy is generated and delivered as that pattern is consistent with Duke Energy's performance. Commercial Renewables recognizes revenue based on the energy generated and billed for the period, generally one month, at contractual rates (including unbilled estimates) according to the invoice practical expedient. Amounts are typically due within 30 days of invoice.

Other

The remainder of Duke Energy's operations is presented as Other, which does not include material revenues from contracts with customers.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Disaggregated Revenues

For the Electric and Gas segments, revenue by customer class is most meaningful to Duke Energy as each respective customer class collectively represents unique customer expectations of service, generally has different energy and demand requirements, and operates under tailored, regulatory approved pricing structures. Additionally, each customer class is impacted differently by weather and a variety of economic factors including the level of population growth, economic investment, employment levels, and regulatory activities in each of Duke Energy's jurisdictions. As such, analyzing revenues disaggregated by customer class allows Duke Energy to understand the nature, amount, timing and uncertainty of revenue and cash flows arising from contracts with customers. For the Commercial Renewables segment, the majority of revenues from contracts with customers are from selling all of the unit-contingent output at contractually defined pricing under long-term PPAs with consistent expectations regarding the timing and certainty of cash flows. Disaggregated revenues are presented as follows:

Three Months Ended September 30, 2018								
(in millions)	Duke Energy	Duke Energy	Duke Energy	Duke Energy	Duke Energy	Duke Energy	Duke Energy	Duke Energy
By market or type of customer	Carolin	Progress	Progress	Florida	Ohio	Indiana	Piedmont	
Electric Utilities and Infrastructure								
Residential	\$2,729	\$ 823	\$ 1,425	\$ 572	\$ 853	\$ 203	\$ 279	\$ —
General	1,763	635	800	373	427	112	218	—
Industrial	835	352	246	177	69	33	202	—
Wholesale	589	132	372	335	37	3	81	—
Other revenues	225	109	134	90	44	20	29	—
Total Electric Utilities and Infrastructure revenue from contracts with customers	\$6,141	\$ 2,051	\$ 2,977	\$ 1,547	\$ 1,430	\$ 371	\$ 809	\$ —
Gas Utilities and Infrastructure								
Residential	\$116	\$ —	\$ —	\$ —	\$ —	\$ 59	\$ —	\$ 57
Commercial	66	—	—	—	—	20	—	46
Industrial	28	—	—	—	—	3	—	24
Power Generation	—	—	—	—	—	—	—	13
Other revenues	23	—	—	—	—	1	—	22
Total Gas Utilities and Infrastructure revenue from contracts with customers	\$233	\$ —	\$ —	\$ —	\$ —	\$ 83	\$ —	\$ 162
Commercial Renewables								
Revenue from contracts with customers	\$61	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Other								
Revenue from contracts with customers	\$16	\$ —	\$ —	\$ —	\$ —	\$ 12	\$ —	\$ —
Total revenue from contracts with customers	\$6,451	\$ 2,051	\$ 2,977	\$ 1,547	\$ 1,430	\$ 466	\$ 809	\$ 162

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Other revenue sources ^(a)	\$177	\$ 39	\$ 68	\$ 35	\$32	\$ 3	\$ 10	\$ 10
Total revenues	\$6,628	\$ 2,090	\$ 3,045	\$ 1,582	\$1,462	\$ 469	\$ 819	\$ 172

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

(in millions)	Nine Months Ended September 30, 2018							
	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
By market or type of customer								
Electric Utilities and Infrastructure								
Residential	\$7,264	\$ 2,263	\$ 3,636	\$ 1,540	\$2,096	\$564	\$ 802	\$ —
General	4,619	1,608	2,109	972	1,137	318	584	—
Industrial	2,235	893	678	481	197	96	567	—
Wholesale	1,737	366	1,140	1,019	121	5	226	—
Other revenues	558	261	359	222	137	57	66	—
Total Electric Utilities and Infrastructure revenue from contracts with customers	\$16,413	\$ 5,391	\$ 7,922	\$ 4,234	\$3,688	\$1,040	\$2,245	\$ —
Gas Utilities and Infrastructure								
Residential	\$682	\$ —	\$ —	\$ —	\$ —	\$236	\$ —	\$ 446
Commercial	354	—	—	—	—	97	—	257
Industrial	107	—	—	—	—	13	—	93
Power Generation	—	—	—	—	—	—	—	40
Other revenues	101	—	—	—	—	13	—	88
Total Gas Utilities and Infrastructure revenue from contracts with customers	\$1,244	\$ —	\$ —	\$ —	\$ —	\$359	\$ —	\$ 924
Commercial Renewables								
Revenue from contracts with customers	\$141	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Other								
Revenue from contracts with customers	\$47	\$ —	\$ —	\$ —	\$ —	\$36	\$ —	\$ —
Total Revenue from contracts with customers	\$17,845	\$ 5,391	\$ 7,922	\$ 4,234	\$3,688	\$1,435	\$2,245	\$ 924
Other revenue sources ^(a)	\$561	\$ 134	\$ 197	\$ 99	\$ 92	\$ 17	\$ 43	\$ 16
Total revenues	\$18,406	\$ 5,525	\$ 8,119	\$ 4,333	\$3,780	\$1,452	\$2,288	\$ 940

Other revenue sources include revenues from leases, derivatives and alternative revenue programs that are not (a) considered revenues from contracts with customers. Alternative revenue programs in certain jurisdictions include regulatory mechanisms that periodically adjust for over or under collection of related revenues.

IMPACT OF WEATHER AND THE TIMING OF BILLING PERIODS

Revenues and costs are influenced by seasonal weather patterns. Peak sales of electricity occur during the summer and winter months, which results in higher revenue and cash flows during these periods. By contrast, lower sales of electricity occur during the spring and fall, allowing for scheduled plant maintenance. Residential and general service customers are more impacted by weather than industrial customers. Estimated weather impacts are based on actual

current period weather compared to normal weather conditions. Normal weather conditions are defined as the long-term average of actual historical weather conditions. Heating-degree days measure the variation in weather based on the extent the average daily temperature falls below a base temperature. Cooling-degree days measure the variation in weather based on the extent the average daily temperature rises above the base temperature. Each degree of temperature below the base temperature counts as one heating-degree day and each degree of temperature above the base temperature counts as one cooling-degree day.

The estimated impact of weather on earnings for Electric Utilities and Infrastructure is based on the temperature variances from a normal condition and customers' historic usage patterns. The methodology used to estimate the impact of weather does not consider all variables that may impact customer response to weather conditions, such as humidity in the summer or wind chill in the winter. The precision of this estimate may also be impacted by applying long-term weather trends to shorter-term periods.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

Gas Utilities and Infrastructure's costs and revenues are influenced by seasonal patterns due to peak natural gas sales occurring during the winter months as a result of space heating requirements. Residential customers are the most impacted by weather. There are certain regulatory mechanisms for the North Carolina, South Carolina, Tennessee and Ohio service territories that normalize the margins collected from certain customer classes during the winter. In North Carolina, rate design provides protection from both weather and other usage variations such as conservation, while South Carolina and Tennessee revenues are adjusted solely based on weather. Ohio primarily employs a fixed charge each month regardless of the season and usage.

UNBILLED REVENUE

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 Condensed Consolidated Balance Sheets as shown in the following table.

(in millions)	September 30, 2018	December 31, 2017
Duke Energy	\$ 802	\$ 944
Duke Energy Carolinas	278	342
Progress Energy	283	228
Duke Energy Progress	163	143
Duke Energy Florida	120	85
Duke Energy Ohio	2	4
Duke Energy Indiana	25	21
Piedmont	3	86

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, CRC and accounts for the transfers of receivables as sales. Accordingly, the receivables sold are not reflected on the Condensed Consolidated Balance Sheets of Duke Energy Ohio and Duke Energy Indiana. See Note 12 for further information. These receivables for unbilled revenues are shown in the table below.

(in millions)	September 30, 2018	December 31, 2017
Duke Energy Ohio	\$ 68	\$ 104
Duke Energy Indiana	121	132

14. 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 stock, 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.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

The following table presents Duke Energy's basic and diluted EPS calculations and reconciles the weighted average number of common shares outstanding to the diluted weighted average number of common shares outstanding.

	Three Months Ended September 30, 2018		Nine Months Ended September 30, 2017	
(in millions, except per-share amounts)				
Income from continuing operations attributable to Duke Energy common stockholders excluding impact of participating securities	\$1,077	\$954	\$2,199	\$2,356
Weighted average shares outstanding – basic	713	700	705	700
Equity Forwards	1	—	1	—
Weighted average shares outstanding – diluted	714	700	706	700
Earnings per share from continuing operations attributable to Duke Energy common stockholders				
Basic	\$1.51	\$1.36	\$3.12	\$3.37
Diluted	\$1.51	\$1.36	\$3.11	\$3.37
Potentially dilutive items excluded from the calculation ^(a)	2	2	2	2
Dividends declared per common share	\$0.9275	\$0.89	\$2.7075	\$2.60

^(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 Issuance

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 (ATM) 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 any of the Agents, shares of common stock through September 23, 2019. In June 2018, Duke Energy marketed two separate tranches, each for 1.3 million shares, of common stock. The first tranche was marketed with Wells Fargo Bank at an initial forward price of \$72.02 per share and the second tranche was marketed with Citibank at an initial forward price of \$78.71 per share through equity forward transactions under the ATM program. The Equity Forwards require Duke Energy to either physically settle the transactions by issuing 2.6 million shares in exchange for net proceeds at the then-applicable forward sale price specified by the agreements or net settle in whole or in part through the delivery or receipt of cash or shares. The settlement alternative is at Duke Energy's election.

Separately, in March 2018, Duke Energy marketed an equity offering of 21.3 million shares of common stock through an Underwriting Agreement with Credit Suisse Securities (USA) LLC, J.P. Morgan Securities LLC, Barclays Capital Inc. and Goldman Sachs & Co. LLC, as representatives of several underwriters, Credit Suisse Capital LLC and J.P. Morgan Securities LLC as Forward Sellers, and Credit Suisse Capital LLC and JPMorgan Chase National Bank Associate, acting as forward purchasers. In connection with the offering, Duke Energy entered into equity forward sale agreements with Credit Suisse Securities (USA) LLC as Agent for Credit Suisse Capital LLC and J.P. Morgan Chase Bank, National Association. The sale price was \$75 per share less certain net adjustments for an initial forward price of \$74.07 per share. The Equity Forwards require Duke Energy to either physically settle the transactions by

issuing 21.3 million shares in exchange for net proceeds at the then-applicable forward sale price specified by the agreements, or net settle in whole or in part through the delivery or receipt of cash or shares. The settlement alternative is at Duke Energy's election. In June 2018, Duke Energy physically settled one-half of the equity forwards by delivering approximately 10.6 million shares of common stock in exchange for net cash proceeds of approximately \$781 million.

For contracts that have not been settled, no amounts have or will be recorded in Duke Energy's Condensed Consolidated Financial Statements with respect to the equity or ATM offerings until settlements of the Equity Forwards occur, which is expected by December 31, 2018. If Duke Energy had elected to net share settle these contracts as of September 30, 2018, Duke Energy would have been required to deliver 1.1 million shares. The initial forward sale price will be subject to adjustment on a daily basis based on a floating interest rate factor and will decrease by other fixed amounts specified in the relevant forward sale agreement. Until settlement of the Equity Forwards, earnings per share dilution resulting from the agreements, if any, will be determined under the treasury stock method. Share dilution occurs when the average market price of Duke Energy's stock is higher than the average forward sales price.

For the nine months ended September 30, 2018, Duke Energy has issued 1.7 million shares through its Dividend Reinvestment Program (DRIP) with an increase in additional paid-in capital of approximately \$134 million.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

15. STOCK-BASED COMPENSATION

Stock-based compensation awarded to employees or outside directors is measured at the service inception date or grant date. The fair value of the award is expensed or capitalized over the requisite service period. For awards with performance conditions, the probability of vesting is assessed at each reporting period and compensation cost is adjusted based upon that assessment.

The following table presents information related to Duke Energy's stock-based compensation.

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
(in millions)	2018	2017	2018	2017
Restricted stock unit awards	\$ 10	\$ 10	\$ 32	\$ 30
Performance awards	13	7	27	20
Pretax stock-based compensation cost	\$ 23	\$ 17	\$ 59	\$ 50
Stock-based compensation cost capitalized	\$ 1	\$ 1	\$ 3	\$ 2
Stock-based compensation expense	\$ 22	\$ 16	\$ 56	\$ 48
Tax benefit associated with stock-based compensation expense	\$ 5	\$ 6	\$ 13	\$ 18

16. EMPLOYEE BENEFIT PLANS

DEFINED BENEFIT RETIREMENT PLANS

Duke Energy maintains, and the Subsidiary Registrants participate in, qualified and non-qualified, non-contributory defined benefit retirement plans. 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 presents contributions made by the Duke Energy Registrants to their qualified defined benefit pension plans during the nine months ended September 30, 2018.

	Duke Energy	Duke Energy	Duke Energy	Duke Energy	Duke Energy
(in millions)	Energy	Carolinas Energy	Progress Energy	Florida	Indiana
Contributions	\$ 141	\$ 46	\$ 45	\$ 25	\$ 20
					\$ 8

Duke Energy and Duke Energy Ohio made contributions of \$8 million and \$4 million, respectively, to their qualified defined benefit pension plans during the nine months ended September 30, 2017.

Duke Energy uses a December 31 measurement date for its defined benefit retirement plan assets and obligations.

Components of Net Periodic Benefit Costs

The tables below present total net periodic benefit costs prior to capitalization of amounts reflected as Net property, plant and equipment on the Condensed Consolidated Balance Sheets. Only the service cost component of net periodic benefit costs is eligible to be capitalized. The remaining non-capitalized portions of net periodic benefit costs are classified as either: (1) service cost, which is recorded in Operations, maintenance and other on the Condensed Consolidated Statements of Operations; or as (2) components of non-service cost, which is recorded in Other income and expenses, net on the Condensed Consolidated Statements of Operations. See Note 1 for further information on impacts of the retirement benefits accounting standard adopted by Duke Energy on January 1, 2018.

Pension and other post-retirement benefit costs presented in the tables below for the Subsidiary Registrants are amounts allocated from Duke Energy for the employees of the respective Subsidiary Registrants. The Condensed

Consolidated Statements of Operations of the Subsidiary Registrants also include allocated net periodic benefit costs for their proportionate share of pension and post-retirement benefit costs related to employees of the Duke Energy shared services affiliate. However, in the tables below these amounts are only presented in the Duke Energy column. For additional information on the corporate governance and shared service expenses allocated from the Duke Energy shared service affiliate, see Note 8.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

QUALIFIED PENSION PLANS

The following tables include the components of net periodic pension costs for qualified pension plans.

Three Months Ended September 30, 2018								
(in millions)	Duke Energy	Duke Energy Carolinas	Progress Energy	Progress Energy	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
Service cost	\$47	\$ 15	\$ 13	\$ 7	\$ 5	\$ 2	\$ 2	\$ 2
Interest cost on projected benefit obligation	74	18	24	10	13	4	6	3
Expected return on plan assets	(140)	(37)	(45)	(21)	(23)	(7)	(10)	(6)
Amortization of actuarial loss	33	7	11	6	6	1	2	3
Amortization of prior service credit	(8)	(2)	(1)	—	—	—	—	(3)
Net periodic pension costs	\$6	\$ 1	\$ 2	\$ 2	\$ 1	\$ —	\$ —	\$ (1)
Three Months Ended September 30, 2017								
(in millions)	Duke Energy	Duke Energy Carolinas	Progress Energy	Progress Energy	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
Service cost	\$40	\$ 12	\$ 12	\$ 6	\$ 5	\$ 1	\$ 2	\$ 3
Interest cost on projected benefit obligation	82	20	25	12	13	4	7	3
Expected return on plan assets	(136)	(35)	(43)	(21)	(21)	(7)	(11)	(6)
Amortization of actuarial loss	36	8	14	6	7	1	3	3
Amortization of prior service credit	(6)	(2)	(1)	—	—	—	—	(1)
Other	2	—	1	—	—	—	—	—
Net periodic pension costs	\$18	\$ 3	\$ 8	\$ 3	\$ 4	\$ (1)	\$ 1	\$ 2
Nine Months Ended September 30, 2018								
(in millions)	Duke Energy	Duke Energy Carolinas	Progress Energy	Progress Energy	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
Service cost	\$137	\$ 45	\$ 39	\$ 22	\$ 16	\$ 4	\$ 7	\$ 6
Interest cost on projected benefit obligation	224	54	70	31	38	13	18	9
Expected return on plan assets	(420)	(111)	(133)	(63)	(69)	(21)	(31)	(18)
Amortization of actuarial loss	99	21	33	16	18	3	6	9
Amortization of prior service credit	(24)	(6)	(3)	(1)	(1)	—	—	(9)
Net periodic pension costs	\$16	\$ 3	\$ 6	\$ 5	\$ 2	\$ (1)	\$ —	\$ (3)
Nine Months Ended September 30, 2017								
(in millions)	Duke Energy	Duke Energy Carolinas	Progress Energy	Progress Energy	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
Service cost	\$120	\$ 36	\$ 36	\$ 18	\$ 15	\$ 3	\$ 6	\$ 9
	246	60	75	36	39	14	21	9

Interest cost on projected benefit obligation

Expected return on plan assets	(408)	(106)	(129)	(63)	(63)	(21)	(33)	(18)
Amortization of actuarial loss	108	24	42	18	21	3	9	9
Amortization of prior service credit	(18)	(6)	(3)	—	—	—	—	(3)
Other	6	—	3	1	—	—	—	1
Net periodic pension costs	\$54	\$ 8	\$ 24	\$ 10	\$ 12	\$ (1)	\$ 3	\$ 7

NON-QUALIFIED PENSION PLANS

The following tables include the components of net periodic pension costs for non-qualified pension plans for registrants with non-qualified pension costs.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

		Three Months Ended September 30, 2018				
		Duke		Duke		Duke
		Duke Energy	Progress	Energy	Energy	Energy
		Carolinas	Energy	Progress	Florida	
(in millions)						
Interest cost on projected benefit obligation	\$ 3	\$ —	\$ 1	\$ —	\$ —	
Amortization of actuarial loss	2	—	—	—	—	
Net periodic pension costs	\$ 5	\$ —	\$ 1	\$ —	\$ —	
		Three Months Ended September 30, 2017				
		Duke		Duke		Duke
		Duke Energy	Progress	Energy	Energy	Energy
		Carolinas	Energy	Progress	Florida	
(in millions)						
Interest cost on projected benefit obligation	\$4	\$ —	\$ 1	\$ 1	\$ 1	
Amortization of actuarial loss	2	—	1	—	—	
Net periodic pension costs	\$6	\$ —	\$ 2	\$ 1	\$ 1	
		Nine Months Ended September 30, 2018				
		Duke		Duke		Duke
		Duke Energy	Progress	Energy	Energy	Energy
		Carolinas	Energy	Progress	Florida	
(in millions)						
Service cost	\$1	\$ 1	\$ —	\$ —	\$ —	
Interest cost on projected benefit obligation	9	—	3	1	1	
Amortization of actuarial loss	6	—	—	—	—	
Amortization of prior service (credit) cost	(1)	—	1	—	—	
Net periodic pension costs	\$15	\$ 1	\$ 4	\$ 1	\$ 1	
		Nine Months Ended September 30, 2017				
		Duke		Duke		Duke
		Duke Energy	Progress	Energy	Energy	Energy
		Carolinas	Energy	Progress	Florida	
(in millions)						
Interest cost on projected benefit obligation	\$10	\$ 1	\$ 3	\$ 2	\$ 2	
Amortization of actuarial loss	6	—	3	—	—	
Net periodic pension costs	\$16	\$ 1	\$ 6	\$ 2	\$ 2	

OTHER POST-RETIREMENT BENEFIT PLANS

Duke Energy provides, and the Subsidiary Registrants participate in, certain health care and life insurance benefits for retired employees on a contributory and non-contributory basis.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

The following tables include the components of net periodic other post-retirement benefit costs.

		Three Months Ended September 30, 2018							
		Duke Energy	Duke Energy Carolinas	Progress Energy	Progress Energy	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Duke Energy Piedmont
(in millions)									
Service cost		\$2	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Interest cost on accumulated post-retirement benefit obligation		7	2	3	2	1	—	1	—
Expected return on plan assets		(4)	(2)	—	—	—	—	—	—
Amortization of actuarial loss		2	1	—	—	—	—	1	—
Amortization of prior service credit		(5)	(1)	(2)	—	(1)	—	—	—
Net periodic other post-retirement benefit costs		\$2	\$ —	\$ 1	\$ 2	\$ —	\$ —	\$ 2	\$ —

		Three Months Ended September 30, 2017							
		Duke Energy	Duke Energy Carolinas	Progress Energy	Progress Energy	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Duke Energy Piedmont
(in millions)									
Service cost		\$1	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Interest cost on accumulated post-retirement benefit obligation		9	2	4	2	2	—	1	—
Expected return on plan assets		(3)	(2)	—	—	—	—	—	—
Amortization of actuarial loss		2	—	5	3	2	—	—	—
Amortization of prior service credit		(29)	(2)	(21)	(14)	(8)	—	—	—
Net periodic other post-retirement benefit costs		\$(20)	\$ (2)	\$(12)	\$(9)	\$(4)	\$ —	\$ 1	\$ —

		Nine Months Ended September 30, 2018							
		Duke Energy	Duke Energy Carolinas	Progress Energy	Progress Energy	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Duke Energy Piedmont
(in millions)									
Service cost		\$5	\$ 1	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Interest cost on accumulated post-retirement benefit obligation		21	5	9	5	4	1	3	—
Expected return on plan assets		(10)	(6)	—	—	—	—	—	—
Amortization of actuarial loss		5	2	1	—	—	—	3	—
Amortization of prior service credit		(15)	(3)	(6)	—	(4)	—	—	(1)
Net periodic other post-retirement benefit costs		\$6	\$ (1)	\$ 4	\$ 5	\$ —	\$ 1	\$ 6	\$ (1)

		Nine Months Ended September 30, 2017							
		Duke Energy	Duke Energy Carolinas	Progress Energy	Progress Energy	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Duke Energy Piedmont
(in millions)									
Service cost		\$3	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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Interest cost on accumulated post-retirement benefit obligation	27	6	11	6	6	—	1	—
Expected return on plan assets	(10)	(6)	—	—	—	—	—	—
Amortization of actuarial loss (gain)	6	(2)	15	9	6	(1)	—	—
Amortization of prior service credit	(87)	(6)	(63)	(41)	(23)	—	—	—
Net periodic other post-retirement benefit costs	\$(61)	\$ (8)	\$ (37)	\$ (26)	\$ (11)	\$ (1)	\$ 1	\$ —

103

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

EMPLOYEE SAVINGS PLAN

Duke Energy sponsors, and the Subsidiary Registrants participate in, an employee savings plan that covers substantially all employees. The following table includes employer contributions made by Duke Energy and expensed by the Subsidiary Registrants.

(in millions)	Duke Energy	Duke Energy Carolinas	Progress Energy	Duke Energy Progress	Duke Energy Florida	Duke Energy Ohio	Duke Energy Indiana	Piedmont
Three Months Ended September 30,								
2018	\$ 49	\$ 15	\$ 13	\$ 9	\$ 4	\$ —	\$ 3	\$ 4
2017	43	14	12	9	4	1	2	2
Nine Months Ended September 30,								
2018	\$ 167	\$ 53	\$ 45	\$ 31	\$ 14	\$ 2	\$ 8	\$ 10
2017	147	49	42	30	13	3	7	5

17. INCOME TAXES

Tax Act

On December 22, 2017, President Trump signed the Tax Act into law. Among other provisions, the Tax Act lowered the corporate federal income tax rate from 35 to 21 percent, limits interest deductions outside of regulated utility operations, requires the normalization of excess deferred taxes associated with property under ARAM as a prerequisite to qualifying for accelerated depreciation and repealed the federal manufacturing deduction. The Tax Act also repealed the corporate alternative minimum tax (AMT) and stipulates a refund of 50 percent of remaining AMT credit carryforwards (to the extent the credits exceed regular tax for the year) for tax years 2018, 2019 and 2020 with all remaining AMT credits to be refunded in tax year 2021. During the three months ended September 30, 2018, the company reclassified \$573 million which is 50 percent of the remaining estimated AMT credit carryforwards from noncurrent deferred tax liability to a current federal income tax receivable as a result of the Tax Act. The company reclassified the estimated AMT credit carryforwards during the three months ended September 30, 2018, since the company expects to receive it as a refund from the IRS in the three months ended September 30, 2019, based on the expected filing of Duke Energy's 2018 income tax return in the second quarter of 2019.

At this time AMT credits, which are among the certain tax credits treated as refundable under the Tax Act, are subject to sequestration. In the first quarter of 2018, the company revised the December 31, 2017, estimate of the income tax effects of the Tax Act and recorded a \$76 million valuation allowance against these AMT credits based on additional interpretative guidance from the Internal Revenue Service related to the Tax Act. See Note 22 to the Consolidated Financial Statements in the Annual Report on Form 10-K/A for the year ended December 31, 2017, for information on the U.S. Securities and Exchange Commission staff's guidance on accounting for the Tax Act (Staff Accounting Bulletin No. 118 (SAB 118), Income Tax Accounting Implications of the Tax Cuts and Jobs Act).

During the three months ended September 30, 2018, the company revised the December 31, 2017 estimate of the income tax effects of the Tax Act, in accordance with SAB 118, by recording a \$3 million benefit for the remeasurement of its deferred tax assets and deferred tax liabilities primarily related to the guidance on bonus depreciation issued by the Internal Revenue Service in August of 2018 affecting the computation of the company's 2017 Federal income tax liability. 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. For Duke Energy's regulated operations, where the reduction is expected to be returned to customers in future rates, the remeasurement has been deferred as a regulatory liability. For the three months ended September 30, 2018, Duke Energy recorded a regulatory liability of \$57 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.

For the nine months ended September 30, 2018, the company has revised the December 31, 2017, estimates of the income tax effects of the Tax Act, in accordance with SAB 118, by recording an expense of \$73 million. Additional tax returns will be filed in the quarter ending December 31, 2018, and Duke Energy expects to make refinements of estimates recorded in the three months ending September 30, 2018. These refinements are not expected to be material to the financial statements. Duke Energy anticipates finalizing and recording any resulting adjustments within the measurement period allowed, which will be no later than the quarter ending December 31, 2018.

PART I

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.

Combined Notes to Condensed Consolidated Financial Statements – (Unaudited) – (Continued)

EFFECTIVE TAX RATES

The effective tax rates from continuing operations for each of the Duke Energy Registrants are included in the following table.

	Three Months Ended September 30, 2018		Nine Months Ended September 30, 2018	
	2017		2017	
Duke Energy	13.7 %	27.6 %	17.0 %	30.4 %
Duke Energy Carolinas	22.6 %	32.9 %	22.3 %	34.1 %
Progress Energy	18.8 %	29.1 %	17.0 %	31.9 %
Duke Energy Progress	20.6 %	31.7 %	18.4 %	32.4 %
Duke Energy Florida	15.0 %	34.8 %	16.3 %	36.1 %
Duke Energy Ohio	16.0 %	33.3 %	16.0 %	34.4 %
Duke Energy Indiana	22.7 %	38.3 %	24.7 %	39.0 %
Piedmont	34.4 %	47.6 %	20.6 %	36.1 %

The decrease in the effective tax rate (ETR) for Duke Energy and the Subsidiary Registrants for the three months ended September 30, 2018, is primarily due to the lower statutory federal corporate tax rate under the Tax Act. The decrease in the ETR for Duke Energy and the Subsidiary Registrants for the nine months ended September 30, 2018, is primarily due to the lower statutory federal corporate tax rate under the Tax Act and the amortization of federal and state excess deferred taxes, partially offset by a valuation allowance against AMT credits discussed above.

The decrease in the ETR for Duke Energy Carolinas for the three and nine months ended September 30, 2018, is primarily due to the lower statutory federal corporate tax rate under the Tax Act and amortization of state excess deferred taxes partially offset by favorable tax return true ups in the prior year.

The decrease in the ETR for Progress Energy for the three and nine months ended September 30, 2018, is primarily due to the lower statutory federal corporate tax rate under the Tax Act and the amortization of federal and state excess deferred taxes.

The decrease in the ETR for Duke Energy Progress for the three and nine months ended September 30, 2018, is primarily due to the lower statutory federal corporate tax rate under the Tax Act and amortization of state excess deferred taxes.

The decrease in the ETR for Duke Energy Florida for the three and nine months ended September 30, 2018, is primarily due to the lower statutory federal corporate tax rate under the Tax Act and the amortization of federal excess deferred taxes.

The decrease in the ETR for Duke Energy Ohio for the three and nine months ended September 30, 2018, is primarily due to the lower statutory federal corporate tax rate under the Tax Act and the amortization of federal excess deferred taxes.

The decrease in the ETR for Duke Energy Indiana for the three and nine months ended September 30, 2018, is primarily due to the lower statutory federal corporate tax rate under the Tax Act.

The decrease in the ETR for Piedmont for the three months ended September 30, 2018, is primarily due to the lower statutory federal corporate tax rate under the Tax Act partially offset by favorable research credits in relation to pretax losses. The decrease in the ETR for Piedmont for the nine months ended September 30, 2018, is primarily due to the

lower statutory federal corporate tax rate under the Tax Act.

18. SUBSEQUENT EVENTS

For information on subsequent events related to regulatory matters and commitments and contingencies see Notes 3 and 4, respectively.

On October 10, 2018, Hurricane Michael made landfall on Florida's Panhandle as a Category 4 hurricane, the most powerful storm to hit the Florida Panhandle in recorded history. The storm caused significant damage and more than a million power outages within the service territories of Duke Energy Florida, Duke Energy Carolinas and Duke Energy Progress. Duke Energy has not completed the final accumulation of total estimated storm restoration costs incurred; however, the preliminary estimate is approximately \$235 million of operation and maintenance expenses and approximately \$185 million in capital costs. Given the magnitude of the storm, Duke Energy Carolinas and Duke Energy Progress intend to request approval to defer the incremental costs incurred to a regulatory asset for recovery in the next base rate cases, and Duke Energy Florida will recover these storm costs consistent with the provisions in its 2017 Second Revised and Restated Settlement Agreement.

PART I

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following combined Management's Discussion and Analysis of Financial Condition and Results of Operations is separately filed by Duke Energy Corporation (collectively with its subsidiaries, Duke Energy) and 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) (collectively referred to as the Subsidiary Registrants). However, none of the registrants make any representation as to information related solely to Duke Energy or the Subsidiary Registrants of Duke Energy other than itself.

DUKE ENERGY

Duke Energy is an energy company headquartered in Charlotte, North Carolina. Duke Energy operates in the United States (U.S.) primarily through its wholly owned subsidiaries, Duke Energy Carolinas, Duke Energy Progress, Duke Energy Florida, Duke Energy Ohio, Duke Energy Indiana and Piedmont. When discussing Duke Energy's consolidated financial information, it necessarily includes the results of the Subsidiary Registrants, which, along with Duke Energy, are collectively referred to as the Duke Energy Registrants.

Management's Discussion and Analysis should be read in conjunction with the Condensed Consolidated Financial Statements and Notes for the nine months ended September 30, 2018, and with Duke Energy's Annual Report on Form 10-K/A for the year ended December 31, 2017.

Executive Overview

Hurricane Florence

In the third quarter of 2018, Hurricane Florence caused historic flooding, extensive damage and widespread power outages within the Duke Energy Progress and Duke Energy Carolinas service territories. Approximately 1.8 million customers were impacted. Current estimated restoration costs are approximately \$540 million. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

Hurricane Michael

On October 10, 2018, Hurricane Michael made landfall on Florida's Panhandle as a Category 4 hurricane, the most powerful storm to hit the Florida Panhandle in recorded history. The storm caused significant damage and more than a million power outages within the service territories of Duke Energy Florida, Duke Energy Carolinas and Duke Energy Progress. Duke Energy has not completed the final accumulation of total estimated storm restoration costs incurred; however, the preliminary estimate is approximately \$235 million of operation and maintenance expenses and approximately \$185 million in capital costs. Given the magnitude of the storm, Duke Energy Carolinas and Duke Energy Progress intend to request approval to defer the incremental costs incurred to a regulatory asset for recovery in the next base rate cases, and Duke Energy Florida will recover these storm costs consistent with the provisions in its 2017 Second Revised and Restated Settlement Agreement.

Regulatory Activity

In 2018, Duke Energy advanced regulatory activity underway in multiple jurisdictions, as follows:

Duke Energy Carolinas received an order on its rate case from the North Carolina Utilities Commission (NCUC) on June 22, 2018. Major components of the order included: a return on equity of 9.9 percent, recovery of past coal ash remediation costs, recovery of Lee Nuclear Project development costs, and partial clarity on the treatment of recent federal tax reform legislation. On July 27, 2018, the NCUC approved Duke Energy Carolinas' compliance filing. As a result, revised customer rates were effective on August 1, 2018.

Duke Energy Progress received an order on its rate case from the NCUC on February 23, 2018. Major components of the order included: a return on equity of 9.9 percent; recovery of past coal ash remediation costs; recovery of deferred storm costs from 2016; and new rates in effect mid-March 2018.

Duke Energy Carolinas and Duke Energy Progress filed a joint petition with the Public Service Commission of South Carolina (PSCSC) seeking an order to defer certain costs associated with grid reliability, resiliency, and modernization work that is being performed under the grid improvement initiative. On October 3, 2018, the PSCSC granted Duke Energy Carolinas' and Duke Energy Progress' joint petition.

Duke Energy Carolinas also petitioned the PSCSC seeking an order to defer certain costs associated with the William States Lee Combined Cycle Facility, the new billing and customer information system and the addition of the Carolinas West Primary Distribution Control Center. Duke Energy Progress also petitioned the PSCSC seeking an order to adopt the new depreciation rates and to defer certain costs associated with the deployment of advanced metering infrastructure, the new billing and customer information system and the costs incurred in connection with the return of certain excess deferred state income taxes from North Carolina. These petitions were approved on July 25, 2018.

Duke Energy Florida filed a petition with the Florida Public Service Commission (FPSC) on May 31, 2018, related to approximately \$200 million of customer savings associated with the Federal Tax Cuts and Jobs Act (Tax Act). The tax savings will offset accelerated depreciation of Crystal River Units 4 and 5 and Hurricane Irma storm cost recovery. The petition is subject to review and approval by the FPSC.

Duke Energy Ohio along with the Public Utilities Commission of Ohio (PUCO) Staff and certain intervenors filed a Stipulation and Recommendation (Stipulation) with PUCO on April 13, 2018, and the evidentiary hearing concluded on August 6, 2018. The Stipulation, subject to approval by the PUCO, is in connection with Duke Energy Ohio's electric rate case and other regulatory matters.

On July 25, 2018, Duke Energy Ohio filed an application to establish a new rider to implement the benefits of the Tax Act for electric distribution customers. If approved, the new rider will flow through to customers the benefit of the lower statutory federal tax rate since January 1, 2018, all future benefits of the lower tax rates and a full refund of deferred income taxes collected at the higher tax rates in prior years. Deferred income taxes subject to normalization rules will be refunded consistent with federal law and deferred income taxes not subject to normalization rules will be refunded over a 10-year period. An order is expected before the end of the year. Duke Energy Ohio's transmission rates reflect lower federal

PART I

income tax but guidance from FERC on amortization of both protected and unprotected transmission-related EDITs is still pending. On October 24, 2018, the PUCO issued a Finding and Order that, among other things, directed all rate-regulated utilities file an application not for an increase in rates to reflect the impact of the Tax Act on their current rates by January 1, 2019, unless otherwise exempted or directed by the PUCO. Duke Energy Ohio's July 25, 2018, filing for electric distribution operations is consistent with the commission's October 24, 2018, Finding and Order and no further action is needed. Options for Duke Energy Ohio gas customers are still being evaluated. Duke Energy Kentucky received an order on its electric rate case from the Kentucky Public Service Commission (KPSC) on April 13, 2018. The order granted an annual revenue increase of \$21 million, incorporating customer benefits from the Tax Act as well as rider recovery of environmental costs, including coal ash. Duke Energy Kentucky implemented new base rates on May 1, 2018.

On August 31, 2018, Duke Energy Kentucky filed an application with the KPSC requesting an increase in gas base rates of approximately \$10.5 million. The KPSC accepted the filing as of September 10, 2018, and a procedural schedule was set.

On June 27, 2018, Duke Energy Indiana, the Indiana Office of Utility Consumers Counselor and others filed testimony consistent with their Stipulation and Settlement Agreement in the federal tax proceedings with the Indiana Utility Regulatory Commission (IURC). Major components include riders to reflect the lower federal tax rate as they are filed in 2018, base rates to reflect the lower federal tax rate upon approval, but no later than September 1, 2018, and a timeline for returning federal excess deferred income taxes to customers. On August 22, 2018, the IURC approved the settlement and rates have been adjusted effective September 1, 2018.

See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters" for additional information.

Results of Operations

Non-GAAP Measures

Management's Discussion and Analysis includes financial information prepared in accordance with generally accepted accounting principles (GAAP) in the U.S., as well as certain non-GAAP financial measures. Generally, a non-GAAP financial measure is a numerical measure of financial performance, financial position or cash flows that excludes (or includes) amounts that are included in (or excluded from) the most directly comparable measure calculated and presented in accordance with GAAP. Non-GAAP financial measures should be viewed as a supplement to, and not a substitute for, financial measures presented in accordance with GAAP. Non-GAAP measures presented may not be comparable to similarly titled measures used by other companies because other companies may not calculate the measures in the same manner.

Management evaluates financial performance in part based on non-GAAP financial measures, including adjusted earnings and adjusted diluted earnings per share (EPS). Adjusted earnings and adjusted diluted EPS represent income from continuing operations attributable to Duke Energy, adjusted for the dollar and per-share impact of special items. As discussed below, special items represent certain charges and credits, which management believes are not indicative of Duke Energy's ongoing performance.

Management believes the presentation of adjusted earnings and adjusted diluted EPS provides useful information to investors, as it provides them with an additional relevant comparison of Duke Energy's performance across periods. Management uses these non-GAAP financial measures for planning and forecasting and for reporting financial results to the Duke Energy Board of Directors, employees, stockholders, analysts and investors. Adjusted diluted EPS is also used as a basis for employee incentive bonuses. The most directly comparable GAAP measures for adjusted earnings and adjusted diluted EPS are Net Income Attributable to Duke Energy Corporation (GAAP Reported Earnings) and Diluted EPS Attributable to Duke Energy Corporation common stockholders (GAAP Reported EPS), respectively. Special items included in the periods presented include the following items, which management believes do not reflect ongoing costs:

- Costs to Achieve Piedmont Merger represents charges that result from the Piedmont acquisition.

- Regulatory and Legislative Impacts represents charges related to rate case orders, settlements or other actions of regulators or legislative bodies.

-

Sale of Retired Plant represents the loss associated with selling Beckjord Generating Station (Beckjord), a nonregulated generating facility in Ohio.

• Impairment Charges represents an other-than-temporary impairment (OTTI) of an investment in Constitution Pipeline Company, LLC (Constitution) and Commercial Renewables impairments.

• Impacts of the Tax Act represents an alternative minimum tax (AMT) valuation allowance recognized and a true up of prior year tax estimates related to the Tax Act.

PART I

Three Months Ended September 30, 2018, as compared to September 30, 2017

GAAP Reported EPS was \$1.51 for the third quarter of 2018 compared to \$1.36 for the third quarter of 2017. The increase in GAAP Reported EPS was primarily due to favorable weather-normal retail sales volumes, higher income tax benefits, a FERC approved settlement refund of certain transmission costs previously billed by PJM Interconnection, LLC (PJM), and lower regulatory settlement charges compared to the prior year. These drivers were partially offset by increased operations and maintenance expense primarily related to Hurricane Florence and share dilution.

As discussed above, management also evaluates financial performance based on adjusted diluted EPS. Duke Energy's third quarter 2018 adjusted diluted EPS was \$1.65 compared to \$1.59 for the third quarter of 2017. The increase in adjusted earnings was primarily due to favorable weather-normal retail sales volumes, higher income tax benefits, and a FERC approved settlement refund of certain transmission costs previously billed by PJM Interconnection, LLC (PJM). These drivers were partially offset by increased operations and maintenance expense primarily related to Hurricane Florence and share dilution.

The following table reconciles non-GAAP measures, including adjusted diluted EPS, to their most directly comparable GAAP measures.

	Three Months Ended September 30,			
	2018		2017	
(in millions, except per-share amounts)	Earnings EPS		Earnings EPS	
GAAP Reported Earnings/GAAP Reported EPS	\$1,082	\$1.51	\$954	\$1.36
Adjustments:				
Impairment Charges ^(a)	91	0.12	56	0.08
Costs to Achieve Piedmont Merger ^(b)	13	0.02	14	0.03
Impacts of the Tax Act ^(c)	(3)	—	—	—
Florida Settlement ^(d)	—	—	84	0.12
Discontinued Operations	(4)	—	2	—
Adjusted Earnings/Adjusted Diluted EPS	\$1,179	\$1.65	\$1,110	\$1.59

(a) Net of \$2 million Noncontrolling Interests in 2018 and \$28 million tax benefit in 2017.

(b) Net of \$3 million tax benefit in 2018 and \$9 million tax benefit in 2017.

(c) Represents a true up of prior year tax estimates related to the Tax Act.

(d) Net of \$51 million tax benefit in 2017.

Nine Months Ended September 30, 2018, as compared to September 30, 2017

Duke Energy's GAAP Reported EPS was \$3.11 for the nine months ended September 30, 2018, compared to \$3.36 for the nine months ended September 30, 2017. The decrease in GAAP Reported EPS was driven by regulatory and legislative charges related to the Duke Energy Carolinas North Carolina rate case order and the repeal of the South Carolina Base Load Review Act, a goodwill impairment at Commercial Renewables, and higher depreciation expense due to growing asset base. These drivers were partially offset by favorable weather at Electric Utilities and Infrastructure and higher income tax benefits.

As discussed above, management also evaluates financial performance based on adjusted diluted EPS. Duke Energy's adjusted diluted EPS for the nine months ended September 30, 2018, was \$3.87 compared to \$3.63 for the nine months ended September 30, 2017. The increase in adjusted earnings for the nine months ended September 30, 2018, compared to the same period in 2017, was primarily due to favorable weather at Electric Utilities and Infrastructure and higher income tax benefits partially offset by higher depreciation expense due to growing asset base.

PART I

The following table reconciles non-GAAP measures, including adjusted diluted EPS, to their most directly comparable GAAP measures.

(in millions, except per-share amounts)	Nine Months Ended			
	September 30,			
	2018	2017	Earnings	EPS
GAAP Reported Earnings/GAAP Reported EPS	\$2,202	\$3.11	\$2,356	\$3.36
Adjustments:				
Regulatory and Legislative Impacts ^(a)	202	0.29	—	—
Impairment Charges ^(b)	133	0.19	56	0.08
Sale of Retired Plant ^(c)	82	0.12	—	—
Impacts of the Tax Act ^(d)	73	0.10	—	—
Costs to Achieve Piedmont Merger ^(e)	41	0.06	43	0.06
Florida Settlement ^(f)	—	—	84	0.12
Discontinued Operations	1	—	4	0.01
Adjusted Earnings/Adjusted Diluted EPS	\$2,734	\$3.87	\$2,543	\$3.63

(a) Net of \$63 million tax benefit.

(b) Net of \$13 million tax benefit and \$2 million Noncontrolling Interest in 2018 and \$28 million tax benefit in 2017.

(c) Net of \$25 million tax benefit.

(d) Represents a recognition of AMT valuation allowance and true up of prior year tax estimates related to the Tax Act.

(e) Net of \$12 million tax benefit in 2018 and \$26 million tax benefit in 2017.

(f) Net of \$51 million tax benefit in 2017.

SEGMENT RESULTS

The remaining information presented in this discussion of results of operations is on a GAAP basis. Management 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 includes intercompany revenues and expenses that are eliminated in the Condensed Consolidated Financial Statements.

Duke Energy's segment structure includes the following segments: Electric Utilities and Infrastructure, Gas Utilities and Infrastructure and Commercial Renewables. The remainder of Duke Energy's operations is presented as Other. See Note 2 to the Condensed Consolidated Financial Statements, "Business Segments," for additional information on Duke Energy's segment structure.

Tax Act

On December 22, 2017, President Trump signed the Tax Act into law. Among other provisions, the Tax Act lowered the corporate federal income tax rate from 35 to 21 percent, limits interest deductions outside of regulated utility operations, requires the normalization of excess deferred taxes associated with property under the average rate assumption method as a prerequisite to qualifying for accelerated depreciation and repealed the federal manufacturing deduction. The Tax Act also repealed the corporate AMT and stipulates a refund of 50 percent of remaining AMT credit carryforwards (to the extent the credits exceed regular tax for the year) for tax years 2018, 2019 and 2020 with all remaining AMT credits to be refunded in tax year 2021. The Tax Act also could be amended or subject to technical correction, which could change the financial impacts that were recorded since December 31, 2017, or are expected to be recorded in future periods. The Federal Energy Regulatory Commission (FERC) and state utility commissions will determine the regulatory treatment of the impacts of the Tax Act for the Subsidiary Registrants. Duke Energy's segments' 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 addressing the rate treatment of the Tax Act by each state utility commission in which the Subsidiary Registrants operate. In January 2018, the Subsidiary Registrants began deferring the estimated ongoing impacts of the Tax Act that are expected to be returned to customers. See Notes 3 and 17 to the Condensed

Consolidated Financial Statements, "Regulatory Matters" and "Income Taxes," respectively, for additional information on the Tax Act.

PART I

Electric Utilities and Infrastructure

(in millions)	Three Months Ended			Nine Months Ended		
	September 30,	September 30,		September 30,	September 30,	
	2018	2017	Variance	2018	2017	Variance
Operating Revenues	\$6,260	\$6,129	\$ 131	\$16,806	\$16,234	\$ 572
Operating Expenses						
Fuel used in electric generation and purchased power	1,935	1,872	63	5,202	4,875	327
Operation, maintenance and other	1,431	1,332	99	4,151	3,935	216
Depreciation and amortization	897	777	120	2,570	2,228	342
Property and other taxes	289	277	12	842	808	34
Impairment charges	31	132	(101)	246	134	112
Total operating expenses	4,583	4,390	193	13,011	11,980	1,031
Gains on Sales of Other Assets and Other, net	8	—	8	9	4	5
Operating Income	1,685	1,739	(54)	3,804	4,258	(454)
Other Income and Expenses, net	107	102	5	286	324	(38)
Interest Expense	322	305	17	955	925	30
Income Before Income Taxes	1,470	1,536	(66)	3,135	3,657	(522)
Income Tax Expense	303	516	(213)	643	1,273	(630)
Segment Income	\$1,167	\$1,020	\$ 147	\$2,492	\$2,384	\$ 108

Duke Energy Carolinas gigawatt-hours (GWh) sales	25,607	24,135	1,472	70,506	66,159	4,347
Duke Energy Progress GWh sales	19,625	18,827	798	52,747	50,026	2,721
Duke Energy Florida GWh sales	12,375	12,132	243	31,798	31,177	621
Duke Energy Ohio GWh sales	6,964	6,672	292	19,183	18,632	551
Duke Energy Indiana GWh sales	9,114	8,795	319	25,900	24,975	925
Total Electric Utilities and Infrastructure GWh sales	73,685	70,561	3,124	200,134	190,969	9,165
Net proportional megawatt (MW) capacity in operation				48,757	48,909	(152)

Three Months Ended September 30, 2018, as Compared to September 30, 2017

Electric Utilities and Infrastructure's results were impacted by favorable weather-normal retail sales volumes, favorable weather in the current year, a positive net contribution from the Duke Energy Progress and Duke Energy Carolinas North Carolina rate cases, a FERC approved settlement refund of certain transmission costs previously billed by PJM, lower income tax expense and lower regulatory charges compared to the prior year related to the unrecovered Levy Nuclear Project costs at Duke Energy Florida.

These drivers were partially offset by higher operation and maintenance expenses primarily due to the impacts of Hurricane Florence and increased depreciation and amortization. The following is a detailed discussion of the variance drivers by line item.

Operating Revenues. The variance was driven primarily by:

- a \$90 million increase in fuel related revenues due to higher sales volumes and increases in fuel rates billed to customers;
- a \$54 million increase in weather-normal retail sales volumes;
- a \$59 million increase in retail pricing primarily due to the Duke Energy Progress and Duke Energy Carolinas North Carolina rate cases;
- a \$38 million increase in retail sales, net of fuel revenues, due to favorable weather in the current year; and
- a \$23 million increase in Joint Asset Agency Rider (JAAR) revenues at Duke Energy Progress in conjunction with implementation of new base rates.

Partially offset by:

- a \$143 million decrease in retail revenues associated with the lower statutory federal corporate tax rate under the Tax Act.

Operating Expenses. The variance was driven primarily by:

a \$120 million increase in depreciation and amortization expense primarily due to higher amortization of deferred coal ash costs, additional plant in service and new depreciation rates associated with the Duke Energy Progress and Duke Energy Carolinas North Carolina rate cases;

a \$99 million increase in operation, maintenance and other expense primarily due to higher storm costs due to Hurricane Florence and higher operational costs that are recoverable in rates, partially offset by a FERC approved settlement refund of certain transmission costs previously billed by PJM; and

PART I

a \$63 million increase in fuel used in electric generation and purchased power primarily due to higher sales and higher deferred fuel expenses.

Partially offset by:

a \$101 million decrease in impairment charges primarily due to the write-off of remaining unrecovered Levy Nuclear Project costs in 2017.

Income Tax Expense. The variance was primarily due to the lower statutory federal corporate tax rate under the Tax Act and a decrease in pretax income. The effective tax rates (ETRs) for the three months ended September 30, 2018, and 2017 were 20.6 percent and 33.6 percent, respectively. The decrease in the ETR was primarily due to the lower statutory federal corporate tax rate under the Tax Act and the amortization of excess deferred taxes partially offset by favorable tax return true ups in the prior year. For additional information, see Note 17 to the Condensed Consolidated Financial Statements, "Income Taxes."

Nine Months Ended September 30, 2018, as Compared to September 30, 2017

Electric Utilities and Infrastructure's results were impacted by favorable weather in the current year and a positive net contribution from the Duke Energy Progress and Duke Energy Carolinas North Carolina rate cases, partially offset by higher legislative and regulatory charges compared to the prior year. The following is a detailed discussion of the variance drivers by line item.

Operating Revenues. The variance was driven primarily by:

a \$398 million increase in fuel related revenues due to higher sales volumes, changes in generation mix and increases in fuel rates billed to customers;

a \$288 million increase in retail sales, net of fuel revenues, due to favorable weather in the current year;

a \$125 million increase in retail pricing primarily due to the Duke Energy Progress and Duke Energy Carolinas North Carolina rate cases and Duke Energy Florida base rate adjustments for the Osprey acquisition and the completion of the Hines Energy Complex Chiller Uprate Project;

an \$80 million increase in weather-normal retail sales volumes; and

a \$52 million increase in JAAR revenues at Duke Energy Progress in conjunction with implementation of new base rates.

Partially offset by:

a \$401 million decrease in retail revenues associated with the lower statutory federal corporate tax rate under the Tax Act.

Operating Expenses. The variance was driven primarily by:

a \$342 million increase in depreciation and amortization expense primarily due to higher amortization of deferred coal ash costs, additional plant in service and new depreciation rates per the Duke Energy Progress and Duke Energy Carolinas North Carolina rate cases;

a \$327 million increase in fuel used in electric generation and purchased power, due to higher sales and higher deferred fuel expenses;

a \$216 million increase in operation, maintenance and other expense primarily due to impacts associated with the Duke Energy Progress North Carolina rate case, the impacts of Hurricane Florence and higher storm cost amortization at Duke Energy Florida, partially offset by a FERC approved settlement refund of certain transmission costs previously billed by PJM; and

a \$112 million increase in impairment charges primarily due to the impacts associated with the Duke Energy Carolinas and Duke Energy Progress North Carolina rate cases, offset by the write-off of remaining unrecovered Levy Nuclear project costs at Duke Energy Florida in the prior year.

Other Income and Expenses, net. The decrease was primarily due to lower post in-service equity returns for projects that had been completed prior to being reflected in customer rates at Duke Energy Carolinas and lower income from non-service components of employee benefit costs in the current year at Duke Energy Progress. For additional information on employee benefit costs, see Note 16 to the Condensed Consolidated Financial Statements, "Employee Benefit Plans."

Income Tax Expense. The variance was primarily due to the lower statutory federal corporate tax rate under the Tax Act and a decrease in pretax income. The ETRs for the nine months ended September 30, 2018, and 2017 were 20.5 percent and 34.8 percent, respectively. The decrease in the ETR was primarily due to the lower statutory federal corporate tax rate under the Tax Act and the amortization of excess deferred taxes partially offset by favorable tax return true ups in the prior year.

PART I

Matters Impacting Future Electric Utilities and Infrastructure Results

On May 18, 2016, the North Carolina Department of Environmental Quality (NCDEQ) issued proposed risk classifications for all coal ash surface impoundments in North Carolina. All ash impoundments not previously designated as high priority by the North Carolina Coal Ash Management Act of 2014 (Coal Ash Act) were designated as intermediate risk. Certain impoundments classified as intermediate risk, however, may be reassessed in the future as low risk pursuant to legislation enacted on July 14, 2016. Electric Utilities and Infrastructure's estimated asset retirement obligations (AROs) related to the closure of North Carolina ash impoundments are based upon the mandated closure method or a probability weighting of potential closure methods for the impoundments that may be reassessed to low risk. On October 12, 2018, NCDEQ announced that Duke Energy had satisfied the permanent replacement water supply requirements by the October 15, 2018, deadline set out in the Coal Ash Management Act. However, NCDEQ has not yet issued final classifications for these impoundments. As the final risk ranking classifications in North Carolina are delineated, final closure plans and corrective action measures are developed and approved for each site, the closure work progresses and the closure method scope and remedial methods are determined, the complexity of work and the amount of coal combustion material could be different than originally estimated and, therefore, could materially impact Electric Utilities and Infrastructure's results of operations, financial position and cash flows.

Duke Energy is a party to multiple lawsuits and could be subject to fines and other penalties related to operations at certain North Carolina facilities with ash basins. In addition, the orders issued in the Duke Energy Carolinas and Duke Energy Progress North Carolinas rate cases supporting recovery of past coal ash remediation costs have been appealed by various parties. The outcome of these appeals, lawsuits and potential fines and penalties could have an adverse impact on Electric Utilities and Infrastructure's results of operations, financial position and cash flows. See Notes 3 and 4 to the Condensed Consolidated Financial Statements, "Regulatory Matters" and "Commitments and Contingencies," respectively, for additional information.

On June 22, 2018, Duke Energy Carolinas received an order from the NCUC, which denied the Grid Rider Stipulation and deferral treatment of grid improvement costs. Duke Energy Carolinas may petition for deferral of grid modernization costs outside of a general rate case proceeding if it can show financial hardship or a stipulation that includes greater consensus among intervening parties on costs being classified as grid modernization. While Duke Energy Progress did not request recovery of these costs in its most recent case with the NCUC, Duke Energy Progress may request recovery of certain grid modernization costs in future regulatory proceedings. Electric Utilities and Infrastructure's results of operations, financial position and cash flows could be adversely impacted if grid modernization costs are not ultimately approved for recovery and/or deferral treatment. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

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 sought 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. The trial for this matter concluded on July 16, 2018. On August 29, 2018, the court issued an order and opinion finding that Duke Energy Progress is required to supply 50,000 tons of gypsum per month, but that CertainTeed's sole remedy for Duke Energy Progress' long-term discontinuance under the agreement is liquidated damages. The estimated maximum amount that would be owed under the liquidated damages provision is approximately \$90 million. Both CertainTeed and Duke Energy Progress have filed cross-appeals. The outcome of the cross-appeals could have an adverse impact on Electric Utilities and Infrastructure's results of operations, financial position and cash flows. See Note 4 to the Condensed Consolidated Financial Statements, "Commitments and Contingencies," for additional information.

In the third quarter of 2018, Hurricane Florence caused historic flooding, extensive damage and widespread power outages within the Duke Energy Progress and Duke Energy Carolinas service territories. Approximately 1.8 million customers were impacted. Current estimated restoration costs are approximately \$540 million. Most of the operation and maintenance expenses are deferred as of September 30, 2018. Given the magnitude of the storm, Duke Energy Progress intends to request approval in North Carolina and South Carolina to defer the incremental costs incurred to a

regulatory asset for recovery in the next base rate case. These requests are expected to be filed during the fourth quarter of 2018. An order from regulatory authorities disallowing the deferral and future recovery of storm restoration costs could have an adverse impact on Electric Utilities and Infrastructure's financial position, results of operations and cash flows. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

On October 10, 2018, Hurricane Michael made landfall on Florida's Panhandle as a Category 4 hurricane, the most powerful storm to hit the Florida Panhandle in recorded history. The storm caused significant damage and more than a million power outages within the service territories of Duke Energy Florida, Duke Energy Carolinas and Duke Energy Progress. Duke Energy has not completed the final accumulation of total estimated storm restoration costs incurred; however, the preliminary estimate is approximately \$235 million of operation and maintenance expenses and approximately \$185 million in capital costs. Given the magnitude of the storm, Duke Energy Carolinas and Duke Energy Progress intend to request approval to defer the incremental costs incurred to a regulatory asset for recovery in the next base rate cases, and Duke Energy Florida will recover these storm costs consistent with the provisions in its 2017 Second Revised and Restated Settlement Agreement. An order from regulatory authorities disallowing the deferral and future recovery of storm restoration costs could have an adverse impact on Electric Utilities and Infrastructure's results of operations, financial position and cash flows.

Duke Energy Florida is constructing the 1,640-MW combined-cycle natural gas plant in Citrus County, Florida, and expects it to be commercially available in 2018. Actual costs are expected to exceed estimated costs by an immaterial amount after recoveries; therefore, an impairment is not expected. Failure to complete the construction and achieve commercial operations by the end of 2018 or failure to obtain recoveries from customers or vendors could materially impact Electric Utilities and Infrastructure's results of operations, financial position and cash flows. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

On February 6, 2018, the FPSC approved a stipulation that would apply tax savings resulting from the Tax Act toward storm costs effective January 2018 in lieu of implementing a storm surcharge. On May 31, 2018, Duke Energy Florida filed for recovery of the storm costs. Storm costs are currently expected to be fully recovered by approximately mid-2021. The commission has scheduled the hearing to begin on May 21, 2019. An order disallowing recovery of these costs could have an adverse impact on Electric Utilities and Infrastructure's results of operations, financial position and cash flows. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

PART I

In March 2017, Duke Energy Ohio filed an electric distribution base rate application with the PUCO to address recovery of electric distribution system capital investments and any increase in expenditures subsequent to previous rate cases. On April 13, 2018, Duke Energy Ohio filed a Stipulation with the PUCO to resolve issues in the electric distribution base rate case and other regulatory matters. If approved by PUCO, the Stipulation would allow for Duke Energy Ohio to recover gains and losses incurred on and after January 1, 2018, related to the Ohio Valley Electric Corporation (OVEC), through the Price Stabilization Rider. Hearings concluded on August 6, 2018. Initial briefs were filed on September 11, 2018, and reply briefs on October 2, 2018. Electric Utilities and Infrastructure's results of operations, financial position and cash flows could be adversely impacted if the Stipulation is denied by the PUCO. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information. See "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations," in the Duke Energy Registrants' Annual Reports on Form 10-K/A for the year ended December 31, 2017, for discussion of risks associated with the Tax Act.

Gas Utilities and Infrastructure

(in millions)	Three Months Ended September 30,			Nine Months Ended September 30,		
	2018	2017	Variance	2018	2017	Variance
Operating Revenues	\$256	\$ 272	\$ (16)	\$1,301	\$ 1,243	\$ 58
Operating Expenses						
Cost of natural gas	58	68	(10)	460	402	58
Operation, maintenance and other	101	94	7	312	293	19
Depreciation and amortization	61	57	4	182	171	11
Property and other taxes	24	25	(1)	81	81	—
Total operating expenses	244	244	—	1,035	947	88
Operating Income	12	28	(16)	266	296	(30)
Other Income and Expenses, net	29	23	6	16	62	(46)
Interest Expense	25	26	(1)	78	78	—
Income Before Income Taxes	16	25	(9)	204	280	(76)
Income Tax (Benefit) Expense	(1)	6	(7)	43	101	(58)
Segment Income	\$17	\$ 19	\$ (2)	\$161	\$ 179	\$ (18)

Piedmont local distribution company (LDC) throughput (dekatherms) 135,403,108 149,775 27,912,413 407,144,324 781,316 72,363,213

Duke Energy Midwest LDC throughput (Mcf) 9,370,793 9,046,444 (533,901) 62,111,858 58,940,410 9,171,448

Three Months Ended September 30, 2018, as Compared to September 30, 2017

Gas Utilities and Infrastructure's results were primarily impacted by lower revenues. The following is a detailed discussion of the variance drivers by line item.

Operating Revenues. The variance was driven by:

- an \$11 million decrease due to revenues subject to refund to customers associated with the lower statutory federal corporate tax rate under the Tax Act; and

- a \$10 million decrease primarily due to lower natural gas costs passed through to customers from lower retail volumes sold, partially offset by higher natural gas prices.

Partially offset by:

- a \$6 million increase primarily due to residential and commercial customer revenue, net of natural gas costs passed through to customers, due to customer growth and Integrity Management Rider (IMR) rate adjustments at Piedmont.

Operating Expenses. The variance was driven by:

- a \$10 million decrease in cost of natural gas primarily due to lower retail volumes sold, partially offset by slightly higher natural gas prices.

Partially offset by:

a \$7 million increase in operations, maintenance and other primarily due to increased shared services and customer operations expense.

Other Income and Expenses, net. The increase was primarily due to higher income from non-service components of employee benefit costs in the current year. For additional information on employee benefit costs, see Note 16 to the Condensed Consolidated Financial Statements, "Employee Benefit Plans."

PART I

Income Tax (Benefit) Expense. The variance was primarily due to the lower statutory federal corporate tax rate under the Tax Act. The ETRs for the three months ended September 30, 2018, and 2017 were (6.3) percent and 24.0 percent, respectively. The decrease in the ETR was primarily due to the lower statutory corporate tax rate under the Tax Act and research credits. For additional information, see Note 17 to the Condensed Consolidated Financial Statements, "Income Taxes."

Nine Months Ended September 30, 2018, as Compared to September 30, 2017

Gas Utilities and Infrastructure's results were primarily impacted by the OTTI recorded on the Constitution investment; partially offset by favorable price adjustments and customer growth. The following is a detailed discussion of the variance drivers by line item.

Operating Revenues. The variance was driven by:

- a \$58 million increase primarily due to higher natural gas costs passed through to customers due to higher retail volumes sold and higher natural gas prices;
- a \$37 million increase primarily due to residential and commercial customer revenue, net of natural gas costs passed through to customers, due to customer growth and IMR rate adjustments and new power generation customers at Piedmont; and
- a \$10 million increase primarily due to favorable weather in the current year and higher volumes sold in the Midwest. Partially offset by:

- a \$49 million decrease due to revenues subject to refund to customers associated with the lower statutory federal corporate tax rate under the Tax Act.

Operating Expenses. The variance was driven by:

- a \$58 million increase in cost of natural gas primarily due to higher retail volumes sold and higher natural gas prices;
- a \$19 million increase in operations, maintenance and other primarily due to increased shared services and gas operations expense; and
- an \$11 million increase in depreciation and amortization due to additional plant in service.

Other Income and Expenses, net. The decrease was primarily due to the OTTI recorded for the investment in Constitution in the current year, partially offset by higher income from non-service components of employee benefit costs in the current year. For additional information on employee benefit costs, see Note 16 to the Condensed Consolidated Financial Statements, "Employee Benefit Plans."

Income Tax (Benefit) Expense. The variance was primarily due to the lower statutory federal corporate tax rate under the Tax Act. The ETRs for the nine months ended September 30, 2018, and 2017 were 21.1 percent and 36.1 percent, respectively. The decrease in the ETR was primarily due to the lower statutory federal corporate tax rate under the Tax Act.

Matters Impacting Future Gas Utilities and Infrastructure Results

Gas Utilities and Infrastructure has a 47 percent ownership interest in Atlantic Coast Pipeline, LLC (ACP), which is building an approximately 600-mile interstate natural gas pipeline intended to transport diverse natural gas supplies into southeastern markets. Affected states (West Virginia, Virginia and North Carolina) have issued certain necessary permits; the project remains subject to other pending federal and state approvals, which will allow full construction activities to begin. In 2018, FERC issued a series of Notices to Proceed, which authorized the project to begin certain construction-related activities along the pipeline route. Project cost estimates have increased from a range of \$6.0 billion to \$6.5 billion to a range of \$6.5 billion to \$7.0 billion, excluding financing costs. The project has a targeted in-service date of late 2019 for key portions of the project, with the remaining segments targeted to be in-service in mid-2020. Project construction activities, schedule and final costs are subject to uncertainty due to abnormal weather, work delays (including delays due to judicial or regulatory action) and other conditions and risks that could result in potential higher project costs, a potential delay in the targeted in-service dates and potential impairment charges. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information. See "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations," in the Duke Energy Registrants' Annual Reports on Form 10-K/A for the year ended December 31, 2017, for discussion of risks associated with the Tax Act.

PART I

Commercial Renewables

(in millions)	Three Months Ended September 30,			Nine Months Ended September 30,		
	2018	2017	Variance	2018	2017	Variance
Operating Revenues	\$127	\$95	\$ 32	\$347	\$333	\$ 14
Operating Expenses						
Operation, maintenance and other	85	55	30	209	191	18
Depreciation and amortization	40	39	1	116	116	—
Property and other taxes	6	9	(3)	19	26	(7)
Impairment charges	93	76	17	93	76	17
Total operating expenses	224	179	45	437	409	28
Gains on Sales of Other Assets and Other, net	—	1	(1)	—	5	(5)
Operating Loss	(97)	(83)	(14)	(90)	(71)	(19)
Other Income and Expenses, net	2	(11)	13	22	(12)	34
Interest Expense	21	22	(1)	66	64	2
Loss Before Income Taxes	(116)	(116)	—	(134)	(147)	13
Income Tax Benefit	(37)	(65)	28	(112)	(146)	34
Less: Loss Attributable to Noncontrolling Interests	(17)	(2)	(15)	(18)	(3)	(15)
Segment (Loss) Income	\$(62)	\$(49)	\$ (13)	\$(4)	\$2	\$ (6)

Renewable plant production, GWh	1,897	1,760	137	6,548	6,276	272
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Net proportional MW capacity in operation				2,976	2,908	68
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Three Months Ended September 30, 2018, as Compared to September 30, 2017

Commercial Renewables' results were unfavorably impacted by the higher tax benefit in 2017 from cost and property, plant and equipment impairments, partially offset by the minority interest loss associated with a third-party tax equity partnership arrangement. The following is a detailed discussion of the variance drivers by line item.

Operating Revenues. The increase in revenues was primarily due to an increase in the number of Engineering, Procurement and Construction (EPC) agreements at REC Solar, a California based provider of solar installations.

Operating Expenses. The increase was primarily due to an increase in the number of EPC agreements at REC Solar, higher development expenses and higher goodwill impairment charges in the current year.

Other Income and Expenses, net. The favorable variance in other income and expenses was primarily a result of the impairment of certain cost investments in the prior year.

Income Tax Benefit. The lower tax benefits in 2018 were due to the lower statutory federal corporate tax rate under the Tax Act and higher tax benefit in 2017 from cost and property, plant and equipment impairments.

Loss Attributable to Noncontrolling Interests. The variance is primarily attributable to the entering into a third-party tax equity partnership arrangement during the third quarter.

Nine Months Ended September 30, 2018, as Compared to September 30, 2017

Commercial Renewables' results were unfavorably impacted by the higher tax benefit in 2017 from cost and property, plant and equipment impairments, primarily offset by the entering into a third-party tax equity partnership arrangement, the bankruptcy court approval of the North Allegheny Wind, LLC (NAW) and FirstEnergy Solutions (FES) settlement agreement and the minority interest loss associated with a third-party tax equity partnership arrangement. The following is a detailed discussion of the variance drivers by line item.

Operating Revenues. The increase in revenues was primarily due to an increase in the number of EPC agreements at REC Solar and favorable solar portfolio revenue.

Operating Expenses. The increase was primarily due to higher development expenses and goodwill impairment charges in the current year, partially offset by lower property taxes due to non-recurring property tax payments made in the prior year.

Other Income and Expenses, net. The favorable variance in other income and expenses was primarily due to the bankruptcy court approved NAW and FES settlement agreement, which allowed retention of previously collected cash collateral under the Purchase Power Agreements (PPAs), mark-to-market gains on interest rate swaps, the impairment of certain cost investments in the prior year and lower equity losses in the current year.

Income Tax Benefit. The lower tax benefits in 2018 were due to the lower statutory federal corporate tax rate under the Tax Act and higher tax benefit in 2017 from cost and property, plant and equipment impairments.

Loss Attributable to Noncontrolling Interests. The variance is primarily attributable to the entering into a third-party tax equity partnership arrangement.

PART I

Matters Impacting Future Commercial Renewables Results

Persistently low market pricing for wind resources, primarily in the Electric Reliability Council of Texas West market and PJM west and the future expiration of tax incentives including investment tax credits and production tax credits could result in adverse impacts to the future results of operations, financial position and cash flows of Commercial Renewables.

Deterioration in credit quality resulting in bankruptcy of an offtaker of power from contracted wind or solar assets could result in adverse impacts to the future results of operations, financial position and cash flows of Commercial Renewables. On March 31, 2018, FES, a subsidiary of FirstEnergy and counterparty to two PPAs with NAW, filed for Chapter 11 bankruptcy. On June 18, 2018, The United States Bankruptcy Court's Northern District of Ohio Eastern Division approved the Stipulation between FES and NAW. The Stipulation resulted in, among other items, the termination of the two PPAs between FES and NAW, as a result, NAW is subject to market pricing in the PJM west market.

On September 26, 2018, Duke Energy announced it is seeking a minority investor for the commercial renewables business. Duke Energy will continue to develop projects, grow its portfolio and manage its renewables assets. Duke Energy Renewable Services, an operations and maintenance business for third-party customers, and REC Solar are not included in the potential transaction. A sale of a minority interest is dependent on a number of factors and cannot be predicted at this time.

See "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations," in the Duke Energy Registrants' Annual Reports on Form 10-K/A for the year ended December 31, 2017, for discussion of risks associated with the Tax Act.

Other

(in millions)	Three Months Ended September 30,			Nine Months Ended September 30,		
	2018	2017	Variance	2018	2017	Variance
Operating Revenues	\$34	\$35	\$ (1)	\$101	\$103	\$ (2)
Operating Expenses						
Fuel used in electric generation and purchased power	14	13	1	43	42	1
Operation, maintenance and other	(8)	20	(28)	(2)	47	(49)
Depreciation and amortization	43	27	16	113	79	34
Property and other taxes	5	3	2	13	10	3
Impairment charges	—	—	—	—	7	(7)
Total operating expenses	54	63	(9)	167	185	(18)
Gains (Losses) on Sales of Other Assets and Other, net	3	4	(1)	(96)	15	(111)
Operating Loss	(17)	(24)	7	(162)	(67)	(95)
Other Income and Expenses, net	40	50	(10)	81	100	(19)
Interest Expense	163	150	13	484	423	61
Loss Before Income Taxes	(140)	(124)	(16)	(565)	(390)	(175)
Income Tax Benefit	(98)	(93)	(5)	(125)	(193)	68
Less: Income Attributable to Noncontrolling Interests	2	3	(1)	6	8	(2)
Net Loss	\$(44)	\$(34)	\$ (10)	\$(446)	\$(205)	\$(241)

Three Months Ended September 30, 2018, as Compared to September 30, 2017

Other's higher net loss was primarily driven by insurance proceeds received in the prior year. The following is a detailed discussion of the variance drivers by line item.

Operating Expenses. The variance was primarily driven by the reclassification of certain immaterial current year costs to the Electric Utilities and Infrastructure segment.

Other Income and Expenses, net. The variance was primarily due to insurance proceeds received in the prior year resulting from settlement of the shareholder litigation related to the Progress Energy merger.

Interest Expense. The variance was primarily due to an increase in long-term debt as well as higher interest rates on short-term debt.

Income Tax Benefit. The variance was primarily driven by an increase in pretax losses and favorable tax return true ups, partially offset by the lower statutory corporate federal income tax rate under the Tax Act. For additional information, see Note 17 to the Condensed Consolidated Financial Statements, "Income Taxes."

Nine Months Ended September 30, 2018, as Compared to September 30, 2017

Other's higher net loss was driven by the loss on sale of the retired Beckjord station, higher interest expense and lower tax benefit due to the Tax Act. The following is a detailed discussion of the variance drivers by line item.

Operating Expenses. The variance was primarily driven by the reclassification of certain immaterial current year costs to the Electric Utilities and Infrastructure segment.

Other Income and Expenses, net. The variance was primarily due to insurance proceeds received in the prior year resulting from settlement of the shareholder litigation related to the Progress Energy merger.

PART I

Gains (Losses) on Sales of Other Assets and Other, net. The variance was driven by the loss on sale of the retired Beckjord station, a nonregulated facility retired during 2014, including the transfer of coal ash basins and other real property and indemnification from all potential future claims related to the property, whether arising under environmental laws or otherwise.

Interest Expense. The variance was primarily due to an increase in long-term debt as well as higher interest rates on short-term debt.

Income Tax Benefit. The variance was primarily due to the valuation allowance against AMT credits and the lower statutory corporate federal income tax rate under the Tax Act, partially offset by an increase in pretax losses. For additional information, see Note 17 to the Condensed Consolidated Financial Statements, "Income Taxes."

Matters Impacting Future Other Results

Included in Other is Duke Energy Ohio's 9 percent ownership interest in the OVEC, which owns 2,256 MW of coal-fired generation capacity. As a counterparty to an inter-company power agreement (ICPA), Duke Energy Ohio has a contractual arrangement to receive entitlements to capacity and energy 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, including Duke Energy Ohio, based on their power participation ratio. The value of the ICPA is subject to variability due to fluctuations in power prices and changes in OVEC's costs of business. On March 31, 2018, FES, a subsidiary of FirstEnergy and an ICPA counterparty with a power participation ratio of 4.85 percent, filed for Chapter 11 bankruptcy, which could increase costs allocated to the counterparties. On July 31, 2018, the bankruptcy court rejected the FES ICPA, which means OVEC is an unsecured creditor in the FES bankruptcy proceeding. Duke Energy cannot predict the impact of the bankruptcy filing on its OVEC interests. In addition, certain proposed environmental rulemaking costs could result in future increased OVEC cost allocations.

In March 2017, Duke Energy Ohio filed an electric distribution base rate application with the PUCO to address recovery of electric distribution system capital investments and any increase in expenditures subsequent to previous rate cases. On April 13, 2018, Duke Energy Ohio filed a Stipulation with the PUCO to resolve issues in the electric distribution base rate case and other regulatory matters. If approved by PUCO, the Stipulation would allow for Duke Energy Ohio to recover gains and losses incurred on and after January 1, 2018, related to OVEC, through the Price Stabilization Rider and, as a result, Duke Energy Ohio may move its ownership interest to the Electric Utilities and Infrastructure segment. Hearings concluded on August 6, 2018. Initial briefs were filed on September 11, 2018, and reply briefs on October 2, 2018. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters" for additional information.

See "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations," in the Duke Energy Registrants' Annual Reports on Form 10-K/A for the year ended December 31, 2017, for discussion of risks associated with the Tax Act.

DUKE ENERGY CAROLINAS

Management's Discussion and Analysis should be read in conjunction with the accompanying Condensed Consolidated Financial Statements and Notes for the nine months ended September 30, 2018, and 2017 and the Annual Report on Form 10-K/A for the year ended December 31, 2017.

Results of Operations

(in millions)	Nine Months Ended		
	September 30,		
	2018	2017	Variance
Operating Revenues	\$5,525	\$5,581	\$ (56)
Operating Expenses			
Fuel used in electric generation and purchased power	1,370	1,394	(24)
Operation, maintenance and other	1,464	1,472	(8)
Depreciation and amortization	866	804	62
Property and other taxes	214	206	8

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Impairment charges	191	—	191
Total operating expenses	4,105	3,876	229
Losses on Sales of Other Assets and Other, net	(1)	—	(1)
Operating Income	1,419	1,705	(286)
Other Income and Expenses, net	108	140	(32)
Interest Expense	323	314	9
Income Before Income Taxes	1,204	1,531	(327)
Income Tax Expense	268	522	(254)
Net Income	\$936	\$1,009	\$ (73)

117

PART I

The following table shows the percent changes in GWh sales and average number of customers. The percentages for retail customer classes represent billed sales only. Total sales includes billed and unbilled retail sales and wholesale sales to incorporated municipalities, public and private utilities and power marketers. Amounts are not weather-normalized.

Increase (Decrease) over prior year 2018

Residential sales	12.3 %
General service sales	6.1 %
Industrial sales	2.2 %
Wholesale power sales	13.5 %
Joint dispatch sales	7.4 %
Total sales	6.6 %
Average number of customers	1.4 %

Nine Months Ended September 30, 2018, as Compared to September 30, 2017

Operating Revenues. The variance was driven primarily by:

- a \$197 million decrease in retail sales due to revenues subject to refund to customers associated with the lower statutory federal corporate tax rate under the Tax Act;
- a \$48 million decrease in rider revenues primarily related to energy efficiency programs; and
- a \$25 million decrease in wholesale power revenues, net of sharing and fuel, primarily due to wholesale customer refunds in the current year related to a FERC order on a complaint filed by Piedmont Municipal Power Agency (PMPA), partially offset by higher revenues related to recovery of coal ash costs.

Partially offset by:

- a \$141 million increase in retail sales, net of fuel revenues, due to favorable weather in the current year;
- a \$39 million increase in weather-normal retail sales volumes; and
- a \$29 million increase in retail pricing due to the impacts of the North Carolina rate case.

Operating Expenses. The variance was driven primarily by:

- a \$191 million increase in impairment charges, primarily due to the impacts of the North Carolina rate order and charges related to coal ash costs in South Carolina; and
- a \$62 million increase in depreciation and amortization primarily due to additional plant in service and higher amortization of deferred coal ash costs, partially offset by lower amortization of certain regulatory assets.

Partially offset by:

- a \$24 million decrease in fuel used in electric generation and purchased power primarily due to decreased coal ash beneficial reuse costs, partially offset by higher sales volumes.

Other Income and Expenses. The variance was primarily due to lower AFUDC equity and a decrease in recognition of post in-service equity returns for projects that were completed prior to being reflected in customer rates.

Income Tax Expense. The variance was primarily due to the lower statutory federal corporate tax rate under the Tax Act. The ETRs for the nine months ended September 30, 2018, and 2017 were 22.3 percent and 34.1 percent, respectively. The decrease in the ETR was primarily due to the lower statutory federal corporate tax rate under the Tax Act and the amortization of state excess deferred taxes partially offset by favorable tax return true ups in the prior year. For additional information, see Note 17 to the Condensed Consolidated Financial Statements, "Income Taxes."

Matters Impacting Future Results

On May 18, 2016, the NCDEQ issued proposed risk classifications for all coal ash surface impoundments in North Carolina. All ash impoundments not previously designated as high priority by the Coal Ash Act were designated as intermediate risk. Certain impoundments classified as intermediate risk, however, may be reassessed in the future as low risk pursuant to legislation enacted on July 14, 2016. Duke Energy Carolinas' estimated AROs related to the closure of North Carolina ash impoundments are based upon the mandated closure method or a probability weighting of potential closure methods for the impoundments that may be reassessed to low risk. On October 12, 2018, NCDEQ announced that Duke Energy had satisfied the permanent replacement water supply requirements by the October 15, 2018, deadline set out in the Coal Ash Management Act. However, NCDEQ has not yet issued final classifications for

these impoundments. As the final risk ranking classifications in North Carolina are delineated, final closure plans and corrective action measures are developed and approved for each site, the closure work progresses, and the closure method scope and remedial action methods are determined, the complexity of work and the amount of coal combustion material could be different than originally estimated and, therefore, could materially impact Duke Energy Carolinas' results of operations, financial position and cash flows.

PART I

On June 22, 2018, Duke Energy Carolinas received an order from the NCUC, which denied the Grid Rider Stipulation and deferral treatment of grid improvement costs. Duke Energy Carolinas may petition for deferral of grid modernization costs outside of a general rate case proceeding if it can show financial hardship or a stipulation that includes greater consensus among intervening parties on costs being classified as grid modernization. Duke Energy Carolinas' results of operations, financial position and cash flows could be adversely impacted if grid modernization costs are not ultimately approved for recovery and/or deferral treatment. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

On October 10, 2018, Hurricane Michael made landfall on Florida's Panhandle as a Category 4 hurricane, the most powerful storm to hit the Florida Panhandle in recorded history. The storm caused damage within the service territory of Duke Energy Carolinas. Duke Energy Carolinas has not completed the final accumulation of total estimated storm restoration costs incurred; however, the preliminary estimate is approximately \$70 million of operation and maintenance expenses. Given the magnitude of the storm, Duke Energy Carolinas intends to request approval to defer the incremental costs incurred to a regulatory asset for recovery in the next base rate case. An order from regulatory authorities disallowing the deferral and future recovery of storm restoration costs could have an adverse impact on Duke Energy Carolinas' financial position, results of operations and cash flows.

Duke Energy Carolinas is a party to multiple lawsuits and subject to fines and other penalties related to operations at certain North Carolina facilities with ash basins. In addition, the order issued in the Duke Energy Carolinas North Carolina rate case supporting recovery of past coal ash remediation costs has been appealed by various parties. The outcome of these appeals, lawsuits, fines and penalties could have an adverse impact on Duke Energy Carolinas' results of operations, financial position and cash flows. See Notes 3 and 4 to the Condensed Consolidated Financial Statements, "Regulatory Matters" and "Commitments and Contingencies," respectively, for additional information. See "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations," in the Duke Energy Registrants' Annual Reports on Form 10-K/A for the year ended December 31, 2017, for discussion of risks associated with the Tax Act.

PROGRESS ENERGY

Management's Discussion and Analysis should be read in conjunction with the accompanying Condensed Consolidated Financial Statements and Notes for the nine months ended September 30, 2018, and 2017 and the Annual Report on Form 10-K/A for the year ended December 31, 2017.

Results of Operations

(in millions)	Nine Months Ended		
	September 30,	2017	Variance
Operating Revenues	\$8,119	\$7,435	\$ 684
Operating Expenses			
Fuel used in electric generation and purchased power	3,019	2,588	431
Operation, maintenance and other	1,913	1,697	216
Depreciation and amortization	1,183	958	225
Property and other taxes	399	386	13
Impairment charges	34	137	(103)
Total operating expenses	6,548	5,766	782
Gains on Sales of Other Assets and Other, net	23	19	4
Operating Income	1,594	1,688	(94)
Other Income and Expenses, net	128	112	16
Interest Expense	626	595	31
Income Before Income Taxes	1,096	1,205	(109)
Income Tax Expense	186	384	(198)
Net Income	910	821	89
Less: Net Income Attributable to Noncontrolling Interests	6	7	(1)

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Net Income Attributable to Parent \$904 \$814 \$ 90
Nine Months Ended September 30, 2018, as Compared to September 30, 2017

Operating Revenues. The variance was driven primarily by:

- a \$467 million increase in fuel related revenues due to higher sales volumes, increases in fuel and capacity rates billed to customers and increased demand at Duke Energy Florida;
- a \$103 million increase in retail sales, net of fuel revenues, due to favorable weather in the current year and impacts of lost revenue resulting from Hurricane Irma in the prior year at Duke Energy Florida;
- an \$89 million increase in JAAR revenues, primarily due to the implementation of new base rates and weather normalized volumes at Duke Energy Progress;
- a \$79 million increase in retail pricing due to the impacts of the Duke Energy Progress North Carolina and South Carolina rate cases; and

PART I

a \$73 million increase in wholesale power revenues, net of fuel, primarily due to the recovery of coal ash costs and higher peak demand at Duke Energy Progress.

Partially offset by:

- a \$98 million decrease in retail sales due to revenues subject to refund to customers associated with the lower statutory federal corporate tax rate under the Tax Act at Duke Energy Progress; and

- a \$35 million decrease in rider revenues in conjunction with implementation of new base rate and impacts of Hurricane Florence at Duke Energy Progress.

Operating Expenses. The variance was driven primarily by:

- a \$431 million increase in fuel used in electric generation and purchased power primarily due to higher sales, higher deferred fuel and capacity expenses, and increased purchased power;

- a \$225 million increase in depreciation and amortization primarily due to higher amortization of deferred coal ash costs and new depreciation rates associated with the North Carolina rate case at Duke Energy Progress, and accelerated depreciation of Crystal River Units 4 and 5 and additional plant in service at Duke Energy Florida;

- a \$216 million increase in operation, maintenance and other primarily due to impacts associated with the North Carolina rate case at Duke Energy Progress and storm cost amortization at Duke Energy Florida; and

- a \$13 million increase in property and other taxes primarily due to higher revenue related taxes.

Partially offset by:

- a \$103 million decrease in impairment charges primarily due to the write-off of remaining unrecovered Levy Nuclear Project costs in the prior year at Duke Energy Florida.

Income Tax Expense. The variance was primarily due to the lower statutory federal corporate tax rate under the Tax Act. The ETRs for the nine months ended September 30, 2018, and 2017 were 17.0 percent and 31.9 percent, respectively. The decrease in the ETR was primarily due to the lower statutory federal corporate tax rate under the Tax Act and levelization for annual amortization of federal and state excess deferred taxes. For additional information, see Note 17 to the Condensed Consolidated Financial Statements, "Income Taxes."

Matters Impacting Future Results

On May 18, 2016, the NCDEQ issued proposed risk classifications for all coal ash surface impoundments in North Carolina. All ash impoundments not previously designated as high priority by the Coal Ash Act were designated as intermediate risk. Certain impoundments classified as intermediate risk, however, may be reassessed in the future as low risk pursuant to legislation enacted on July 14, 2016. Progress Energy's estimated AROs related to the closure of North Carolina ash impoundments are based upon the mandated closure method or a probability weighting of potential closure methods for the impoundments that may be reassessed to low risk. On October 12, 2018, NCDEQ announced that Duke Energy had satisfied the permanent replacement water supply requirements by the October 15, 2018, deadline set out in the Coal Ash Management Act. However, NCDEQ has not yet issued final classifications for these impoundments. As the final risk ranking classifications in North Carolina are delineated, final closure plans and corrective action measures are developed and approved for each site, the closure work progresses, and the closure method scope and remedial action methods are determined, the complexity of work and the amount of coal combustion material could be different than originally estimated and, therefore, could materially impact Progress Energy's results of operations, financial position and cash flows.

In the third quarter of 2018, Hurricane Florence caused historic flooding, extensive damage and widespread power outages within the Duke Energy Progress service territory. Current estimated restoration costs are approximately \$420 million of operations and maintenance expense and approximately \$75 million in capital costs. Most of the operation and maintenance expenses are deferred as of September 30, 2018. Given the magnitude of the storm, Duke Energy Progress intends to request approval to defer the incremental costs incurred to a regulatory asset for recovery in the next base rate case. The request is expected to be filed during the fourth quarter of 2018. An order from regulatory authorities disallowing the deferral and future recovery of storm restoration costs could have an adverse impact on Progress Energy's financial position, results of operations and cash flows. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

On October 10, 2018, Hurricane Michael made landfall on Florida's Panhandle as a Category 4 hurricane, the most powerful storm to hit the Florida Panhandle in recorded history. The storm caused significant damage within the service territories of Duke Energy Florida and Duke Energy Progress. Progress Energy has not completed the final accumulation of total estimated storm restoration costs incurred; however, the preliminary estimate is approximately \$165 million of operation and maintenance expenses and approximately \$175 million of capital costs. Given the magnitude of the storm, Duke Energy Progress intends to request approval to defer the incremental costs incurred to a regulatory asset for recovery in the next base rate case, and Duke Energy Florida will recover these storm costs consistent with the provisions in its 2017 Second Revised and Restated Settlement Agreement. An order from regulatory authorities disallowing the deferral and future recovery of storm restoration costs could have an adverse impact on Progress Energy's financial position, results of operations and cash flows.

Duke Energy Progress is a party to multiple lawsuits and subject to fines and other penalties related to operations at certain North Carolina facilities with ash basins. As noted above, the order issued in the Duke Energy Progress North Carolinas rate case supporting recovery of past coal ash remediation costs has been appealed by various parties. The outcome of these appeals, lawsuits, fines and penalties could have an adverse impact on Progress Energy's results of operations, financial position and cash flows. See Notes 3 and 4 to the Condensed Consolidated Financial Statements, "Regulatory Matters" and "Commitments and Contingencies," respectively, for additional information.

PART I

Duke Energy Carolinas received an order from the NCUC, which denied the Grid Rider Stipulation and deferral treatment of grid improvement costs. The NCUC did allow Duke Energy Carolinas to petition for deferral of grid modernization costs outside of a general rate case proceeding if it can show financial hardship or a stipulation that includes greater consensus among intervening parties on costs being classified as grid modernization. While Duke Energy Progress did not request recovery of these costs in its most recent case with the NCUC, Duke Energy Progress may request recovery of certain grid modernization costs in future regulatory proceedings. If the NCUC were to rule similarly, Progress Energy's results of operations, financial position and cash flows could be adversely impacted if grid modernization costs are not ultimately approved for recovery and/or deferral treatment. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

On June 30, 2017, 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 sought 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. The trial for this matter concluded on July 16, 2018. On August 29, 2018, the court issued an order and opinion finding that Duke Energy Progress is required to supply 50,000 tons of gypsum per month, but that CertainTeed's sole remedy for Duke Energy Progress' long-term discontinuance under the agreement is liquidated damages. The estimated maximum amount that would be owed under the liquidated damages provision is approximately \$90 million. Both CertainTeed and Duke Energy Progress have filed cross-appeals. The outcome of the cross-appeals could have an adverse impact on Progress Energy's results of operations, financial position and cash flows. See Note 4 to the Condensed Consolidated Financial Statements, "Commitments and Contingencies," for additional information.

Duke Energy Florida is constructing the 1,640-MW combined-cycle natural gas plant in Citrus County, Florida, and expects it to be commercially available in 2018. Actual costs are expected to exceed estimated costs by an immaterial amount after recoveries; therefore, an impairment is not expected. Failure to complete the construction and achieve commercial operations by the end of 2018 or failure to obtain recoveries from customers or vendors could materially impact Progress Energy's results of operations, financial position and cash flows. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

On February 6, 2018, the FPSC approved a stipulation that would apply tax savings resulting from the Tax Act toward storm costs effective January 2018 in lieu of implementing a storm surcharge. On May 31, 2018, Duke Energy Florida filed for recovery of the storm costs. Storm costs are currently expected to be fully recovered by approximately mid-2021. The commission has scheduled the hearing to begin on May 21, 2019. An order disallowing recovery of these costs could have an adverse impact on Progress Energy's results of operations, financial position and cash flows. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information. See "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations," in the Duke Energy Registrants' Annual Reports on Form 10-K/A for the year ended December 31, 2017, for discussion of risks associated with the Tax Act.

DUKE ENERGY PROGRESS

Management's Discussion and Analysis should be read in conjunction with the accompanying Condensed Consolidated Financial Statements and Notes for the nine months ended September 30, 2018, and 2017 and the Annual Report on Form 10-K/A for the year ended December 31, 2017.

Results of Operations

(in millions)	Nine Months Ended		
	September 30,		
	2018	2017	Variance
Operating Revenues	\$4,333	\$3,878	\$ 455
Operating Expenses			
Fuel used in electric generation and purchased power	1,452	1,214	238
Operation, maintenance and other	1,187	1,069	118
Depreciation and amortization	723	536	187

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Property and other taxes	115	120	(5)
Impairment charges	33	—	33
Total operating expenses	3,510	2,939	571
Gains on Sales of Other Assets and Other, net	9	3	6
Operating Income	832	942	(110)
Other Income and Expenses, net	61	84	(23)
Interest Expense	241	217	24
Income Before Income Taxes	652	809	(157)
Income Tax Expense	120	262	(142)
Net Income	\$532	\$547	\$ (15)

121

PART I

The following table shows the percent changes in GWh sales and average number of customers. The percentages for retail customer classes represent billed sales only. Total sales includes billed and unbilled retail sales, and wholesale sales to incorporated municipalities, public and private utilities and power marketers. Amounts are not weather-normalized.

Increase (Decrease) over prior period	2018
Residential sales	10.1 %
General service sales	2.1 %
Industrial sales	0.7 %
Wholesale power sales	7.2 %
Joint dispatch sales	2.9 %
Total sales	5.4 %
Average number of customers	1.6 %

Nine Months Ended September 30, 2018, as Compared to September 30, 2017

Operating Revenues. The variance was driven primarily by:

- a \$268 million increase in fuel related revenues due to higher retail sales and changes in generation mix;
- a \$79 million increase in pricing due to the impacts of the North Carolina and South Carolina rate cases;
- a \$73 million increase in wholesale power revenues, net of fuel, primarily due to recovery of coal ash costs and higher peak demand;
- a \$72 million increase in retail sales due to favorable weather conditions;
- a \$52 million increase in JAAR revenues in conjunction with implementation of new base rates; and
- a \$37 million increase in weather normalized volumes.

Partially offset by:

- a \$98 million decrease in retail sales due to revenues subject to refund to customers associated with the lower statutory federal corporate tax rate under the Tax Act;
- a \$25 million decrease in certain rider revenues in conjunction with implementation of new base rates; and
- a \$10 million decrease in revenues due to the impacts of Hurricane Florence.

Operating Expenses. The variance was driven primarily by:

- a \$238 million increase in fuel used in electric generation and purchased power primarily due higher retail sales and changes in generation mix;
- a \$187 million increase in depreciation and amortization primarily due to higher amortization of deferred coal ash costs and new depreciation rates per the North Carolina rate case;
- a \$118 million increase in operation, maintenance and other expense primarily due to higher storm contingency costs, impacts associated with the North Carolina rate case and higher operational costs that are recoverable in rates; and
- a \$33 million increase in impairment charges associated with the North Carolina rate case.

Other Income and Expenses. The variance was primarily driven by lower income from non-service components of employment benefit costs. For additional information on employee benefit costs, see Note 16 to the Condensed Consolidated Financial Statements, "Employee Benefit Plans."

Income Tax Expense. The variance was primarily due to the lower statutory federal corporate tax rate under the Tax Act. The ETRs for the nine months ended September 30, 2018, and 2017 were 18.4 percent and 32.4 percent, respectively. The decrease in the ETR was primarily due to the lower statutory federal corporate tax rate under the Tax Act and the amortization of state excess deferred taxes. For additional information, see Note 17 to the Condensed Consolidated Financial Statements, "Income Taxes."

PART I

Matters Impacting Future Results

On May 18, 2016, the NCDEQ issued proposed risk classifications for all coal ash surface impoundments in North Carolina. All ash impoundments not previously designated as high priority by the Coal Ash Act were designated as intermediate risk. Certain impoundments classified as intermediate risk, however, may be reassessed in the future as low risk pursuant to legislation enacted on July 14, 2016. Duke Energy Progress' estimated AROs related to the closure of North Carolina ash impoundments are based upon the mandated closure method or a probability weighting of potential closure methods for the impoundments that may be reassessed to low risk. On October 12, 2018, NCDEQ announced that Duke Energy had satisfied the permanent replacement water supply requirements by the October 15, 2018, deadline set out in the Coal Ash Management Act. However, NCDEQ has not yet issued final classifications for these impoundments. As the final risk ranking classifications in North Carolina are delineated, final closure plans and corrective action measures are developed and approved for each site, the closure work progresses, and the closure method scope and remedial action methods are determined, the complexity of work and the amount of coal combustion material could be different than originally estimated and, therefore, could materially impact Duke Energy Progress' results of operations, financial position and cash flows.

In the third quarter of 2018, Hurricane Florence caused historic flooding, extensive damage and widespread power outages within the Duke Energy Progress service territory. Current estimated restoration costs are approximately \$420 million of operations and maintenance expense and approximately \$75 million in capital costs. Most of the operation and maintenance expenses are deferred as of September 30, 2018. Given the magnitude of the storm, Duke Energy Progress intends to request approval to defer the incremental costs incurred to a regulatory asset for recovery in the next base rate case. The request is expected to be filed during the fourth quarter of 2018. An order from regulatory authorities disallowing the deferral and future recovery of storm restoration costs could have an adverse impact on Duke Energy Progress' financial position, results of operations and cash flows. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

On October 10, 2018, Hurricane Michael made landfall on Florida's Panhandle as a Category 4 hurricane, the most powerful storm to hit the Florida Panhandle in recorded history. The storm caused damage within the service territory of Duke Energy Progress. Duke Energy Progress has not completed the final accumulation of total estimated storm restoration costs incurred; however, the preliminary estimate is approximately \$25 million of operation and maintenance expenses. Given the magnitude of the storm, Duke Energy Progress intends to request approval to defer the incremental costs incurred to a regulatory asset for recovery in the next base rate case. An order from regulatory authorities disallowing the deferral and future recovery of storm restoration costs could have an adverse impact on Duke Energy Progress' financial position, results of operations and cash flows.

Duke Energy Progress is a party to multiple lawsuits and subject to fines and other penalties related to operations at certain North Carolina facilities with ash basins. As noted above, the order issued in the Duke Energy Progress North Carolinas rate case supporting recovery of past coal ash remediation costs has been appealed by various parties. The outcome of these appeals, lawsuits, fines and penalties could have an adverse impact on Duke Energy Progress' results of operations, financial position and cash flows. See Notes 3 and 4 to the Condensed Consolidated Financial Statements, "Regulatory Matters" and "Commitments and Contingencies," respectively, for additional information. Duke Energy Carolinas received an order from the NCUC, which denied the Grid Rider Stipulation and deferral treatment of grid improvement costs. The NCUC did allow Duke Energy Carolinas to petition for deferral of grid modernization costs outside of a general rate case proceeding if it can show financial hardship or a stipulation that includes greater consensus among intervening parties on costs being classified as grid modernization. While Duke Energy Progress did not request recovery of these costs in its most recent case with the NCUC, Duke Energy Progress may request recovery of certain grid modernization costs in future regulatory proceedings. If the NCUC were to rule similarly, Duke Energy Progress' results of operations, financial position and cash flows could be adversely impacted if grid modernization costs are not ultimately approved for recovery and/or deferral treatment. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

On June 30, 2017, 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 sought 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. The trial for this matter concluded on July 16, 2018. On August 29, 2018, the court issued an order and opinion finding that Duke Energy Progress is required to supply 50,000 tons of gypsum per month, but that CertainTeed's sole remedy for Duke Energy Progress' long-term discontinuance under the agreement is liquidated damages. The estimated maximum amount that would be owed under the liquidated damages provision is approximately \$90 million. Both CertainTeed and Duke Energy Progress have filed cross-appeals. The outcome of the cross-appeals could have an adverse impact on Duke Energy's Progress results of operations, financial position and cash flows. See Note 4 to the Condensed Consolidated Financial Statements, "Commitments and Contingencies," for additional information.

See "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations," in the Duke Energy Registrants' Annual Reports on Form 10-K/A for the year ended December 31, 2017, for discussion of risks associated with the Tax Act.

PART I

DUKE ENERGY FLORIDA

Management's Discussion and Analysis should be read in conjunction with the accompanying Condensed Consolidated Financial Statements and Notes for the nine months ended September 30, 2018, and 2017 and the Annual Report on Form 10-K/A for the year ended December 31, 2017.

Results of Operations

(in millions)	Nine Months Ended		
	September 30,		
	2018	2017	Variance
Operating Revenues	\$3,780	\$3,551	\$ 229
Operating Expenses			
Fuel used in electric generation and purchased power	1,567	1,374	193
Operation, maintenance and other	719	623	96
Depreciation and amortization	460	423	37
Property and other taxes	284	265	19
Impairment charges	1	137	(136)
Total operating expenses	3,031	2,822	209
Operating Income	749	729	20
Other Income and Expenses, net	75	58	17
Interest Expense	210	211	(1)
Income Before Income Taxes	614	576	38
Income Tax Expense	100	208	(108)
Net Income	\$514	\$368	\$ 146

The following table shows the percent changes in GWh sales and average number of customers. The percentages for retail customer classes represent billed sales only. Wholesale power sales include both billed and unbilled sales. Total sales includes billed and unbilled retail sales, and wholesale sales to incorporated municipalities, public and private utilities and power marketers. Amounts are not weather-normalized.

Increase (Decrease) over prior period 2018

Residential sales	2.7 %
General service sales	1.1 %
Industrial sales	0.2 %
Wholesale and other	4.4 %
Total sales	2.0 %
Average number of customers	1.6 %

Nine Months Ended September 30, 2018, as Compared to September 30, 2017

Operating Revenues. The variance was driven primarily by:

- a \$199 million increase in fuel and capacity revenues primarily due to an increase in fuel and capacity rates billed to retail customers, as well as increased demand; and
- a \$31 million increase in retail sales, net of fuel revenues, due to favorable weather in the current year and impacts of lost revenue resulting from Hurricane Irma in the prior year.

Operating Expenses. The variance was driven primarily by:

- a \$193 million increase in fuel used in electric generation and purchased power primarily due to higher deferred fuel and capacity expenses, increased purchased power and increased demand;
- a \$96 million increase in operations, maintenance and other expense primarily due to storm cost amortizations, partially offset by lower storm restoration costs in the current year;
- a \$37 million increase in depreciation and amortization primarily due to accelerated depreciation of Crystal River Units 4 and 5 and additional plant in service, partially offset by decreased ARO depreciation due to the updated Crystal River Unit 3 nuclear decommissioning cost study; and
-

a \$19 million increase in property and other taxes primarily due to higher revenue related taxes.

Partially offset by:

- a \$136 million decrease in impairment charges primarily due to the write-off of remaining unrecovered Levy Nuclear Project costs in the prior year.

Other Income and Expenses. The variance was driven primarily by higher AFUDC equity return on the Citrus County Combined Cycle project in the current year.

PART I

Income Tax Expense. The variance was primarily due to the lower statutory federal corporate tax rate under the Tax Act. The ETRs for the nine months ended September 30, 2018, and 2017 were 16.3 percent and 36.1 percent, respectively. The decrease in the ETR was primarily due to the lower statutory federal corporate tax rate under the Tax Act and the amortization of federal excess deferred taxes. For additional information, see Note 17 to the Condensed Consolidated Financial Statements, "Income Taxes."

Matters Impacting Future Results

Duke Energy Florida is constructing the 1,640-MW combined-cycle natural gas plant in Citrus County, Florida, and expects it to be commercially available in 2018. Actual costs are expected to exceed estimated costs by an immaterial amount after recoveries; therefore, an impairment is not expected. Failure to complete the construction and achieve commercial operations by the end of 2018 or failure to obtain recoveries from customers or vendors could materially impact Duke Energy Florida's results of operations, financial position and cash flows. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

On February 6, 2018, the FPSC approved a stipulation that would apply tax savings resulting from the Tax Act toward storm costs effective January 2018 in lieu of implementing a storm surcharge. On May 31, 2018, Duke Energy Florida filed for recovery of the storm costs. Storm costs are currently expected to be fully recovered by approximately mid-2021. The commission has scheduled the hearing to begin on May 21, 2019. An order disallowing recovery of these costs could have an adverse impact on Duke Energy Florida's results of operations, financial position and cash flows. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

On October 10, 2018, Hurricane Michael made landfall on Florida's Panhandle as a Category 4 hurricane, the most powerful storm to hit the Florida Panhandle in recorded history. The storm caused significant damage within the service territory of Duke Energy Florida. Duke Energy Florida has not completed the final accumulation of total estimated storm restoration costs incurred; however, the preliminary estimate is approximately \$140 million of operation and maintenance expenses and approximately \$175 million in capital costs. Given the magnitude of the storm, Duke Energy Florida will recover these storm costs consistent with the provisions in its 2017 Second Revised and Restated Settlement Agreement. An order from regulatory authorities disallowing the future recovery of storm restoration costs could have an adverse impact on Duke Energy Florida's financial position, results of operations and cash flows.

See "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations," in the Duke Energy Registrants' Annual Reports on Form 10-K/A for the year ended December 31, 2017, for discussion of risks associated with the Tax Act.

DUKE ENERGY OHIO

Management's Discussion and Analysis should be read in conjunction with the accompanying Condensed Consolidated Financial Statements and Notes for the nine months ended September 30, 2018, and 2017 and the Annual Report on Form 10-K/A for the year ended December 31, 2017.

Results of Operations

(in millions)	Nine Months Ended		
	September 30,		
	2018	2017	Variance
Operating Revenues			
Regulated electric	\$ 1,055	\$ 1,036	\$ 19
Regulated natural gas	361	360	1
Nonregulated electric and other	36	30	6
Total operating revenues	1,452	1,426	26
Operating Expenses			
Fuel used in electric generation and purchased power – regulated	284	283	1
Fuel used in electric generation and purchased power – nonregulated	43	42	1
Cost of natural gas	73	69	4

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Operation, maintenance and other	337	388	(51)
Depreciation and amortization	196	193	3
Property and other taxes	218	204	14
Impairment charges	—	1	(1)
Total operating expenses	1,151	1,180	(29)
(Losses) Gains on Sales of Other Assets and Other, net	(106)	1	(107)
Operating Income	195	247	(52)
Other Income and Expenses, net	17	15	2
Interest Expense	68	67	1
Income From Continuing Operations Before Income Taxes	144	195	(51)
Income Tax Expense From Continuing Operations	23	67	(44)
Income From Continuing Operations	121	128	(7)
Loss From Discontinued Operations, net of tax	—	(1)	1
Net Income	\$121	\$127	\$ (6)

125

PART I

The following table shows the percent changes in GWh sales of electricity, dekatherms of natural gas delivered and average number of electric and natural gas customers. The percentages for retail customer classes represent billed sales only. Total sales includes billed and unbilled retail sales and wholesale sales to incorporated municipalities, public and private utilities and power marketers. Amounts are not weather-normalized.

	Electric	Natural
Increase (Decrease) over prior year	2018	2018
Residential sales	13.4 %	28.6 %
General service sales	3.6 %	24.7 %
Industrial sales	(1.0)%	9.6 %
Wholesale electric power sales	(58.3)%	n/a
Other natural gas sales	n/a	0.3 %
Total sales	3.0 %	17.3 %
Average number of customers	0.8 %	0.8 %

Nine Months Ended September 30, 2018, as Compared to September 30, 2017

Operating Revenues. The variance was driven primarily by:

- a \$39 million increase in electric and natural gas retail sales, net of fuel revenues, due to favorable weather in the current year;
- a \$16 million increase in financial transmission rights revenues;
- a \$5 million increase in other revenues related to OVEC;
- a \$5 million increase in fuel revenues due to higher natural gas costs; and
- a \$4 million increase in rider revenue primarily due to increased rates.

Partially offset by:

- a \$38 million decrease in regulated revenues due to revenues subject to refund to customers associated with the lower statutory federal corporate tax rate under the Tax Act; and
- a \$5 million decrease in bulk power marketing sales.

Operating Expenses. The variance was driven primarily by:

- a \$51 million decrease in operations, maintenance and other expense primarily due to the FERC approved settlement refund of certain transmission costs previously billed by PJM.

Partially offset by:

- a \$14 million increase in property and other taxes primarily due to higher property taxes due to higher plant balances; and
- a \$6 million increase in fuel costs primarily due to increased natural gas sales volumes.

Other Income and Expenses. The variance was driven primarily by an increase in AFUDC equity due to higher base spending for transmission and fossil plants and an increase due to the impairment of meters in 2017.

Gains (Losses) on Sales of Other Assets and Other, net. The decrease was driven by the loss on the sale of Beckjord, a nonregulated facility retired during 2014, including the transfer of coal ash basins and other real property and indemnification from any and all potential future claims related to the property, whether arising under environmental laws or otherwise.

Income Tax Expense. The variance was primarily due to a decrease in pretax income and the lower statutory federal corporate tax rate under the Tax Act. The ETRs for the nine months ended September 30, 2018, and 2017 were 16.0 percent and 34.4 percent, respectively. The decrease in the ETR was primarily due to the lower statutory federal corporate tax rate under the Tax Act and the amortization of federal excess deferred taxes. For additional information, see Note 17 to the Condensed Consolidated Financial Statements, "Income Taxes."

Matters Impacting Future Results

Duke Energy Ohio has a 9 percent ownership interest in OVEC, which owns 2,256 MW of coal-fired generation capacity. As a counterparty to an ICPA, Duke Energy Ohio has a contractual arrangement to receive entitlements to capacity and energy 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, including Duke Energy Ohio, based on their power participation ratio. The value of the ICPA is subject to variability due to fluctuations in power prices and changes in OVEC's costs of business. On March 31, 2018, FES, a subsidiary of FirstEnergy and an ICPA counterparty with a power participation ratio of 4.85 percent, filed for Chapter 11 bankruptcy, which could increase costs allocated to the counterparties. On July 31, 2018, the bankruptcy court rejected the FES ICPA, which means OVEC is an unsecured creditor in the FES bankruptcy proceeding. Duke Energy Ohio cannot predict the impact of the bankruptcy filing on its OVEC interests. In addition, certain proposed environmental rulemaking costs could result in future increased OVEC cost allocations.

PART I

In March 2017, Duke Energy Ohio filed an electric distribution base rate application with the PUCO to address recovery of electric distribution system capital investments and any increase in expenditures subsequent to previous rate cases. On April 13, 2018, Duke Energy Ohio filed a Stipulation with the PUCO to resolve issues in the electric distribution base rate case and other regulatory matters. If approved by PUCO, the Stipulation would allow for Duke Energy Ohio to recover gains and losses incurred on and after January 1, 2018, related to OVEC, through the Price Stabilization Rider. Hearings concluded on August 6, 2018. Initial briefs were filed on September 11, 2018, and reply briefs on October 2, 2018. Duke Energy Ohio's results of operations, financial position and cash flows could be adversely impacted if the Stipulation is denied by the PUCO. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

See "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations," in the Duke Energy Registrants' Annual Reports on Form 10-K/A for the year ended December 31, 2017, for discussion of risks associated with the Tax Act.

DUKE ENERGY INDIANA

Management's Discussion and Analysis should be read in conjunction with the accompanying Condensed Consolidated Financial Statements and Notes for the nine months ended September 30, 2018, and 2017 and the Annual Report on Form 10-K/A for the year ended December 31, 2017.

Results of Operations

(in millions)	Nine Months Ended September 30,		
	2018	2017	Variance
Operating Revenues	\$2,288	\$2,302	\$ (14)
Operating Expenses			
Fuel used in electric generation and purchased power	730	744	(14)
Operation, maintenance and other	576	546	30
Depreciation and amortization	386	336	50
Property and other taxes	56	56	—
Impairment charges	30	—	30
Total operating expenses	1,778	1,682	96
Gains on Sales of Other Assets and Other, net	—	1	(1)
Operating Income	510	621	(111)
Other Income and Expenses, net	36	32	4
Interest Expense	125	132	(7)
Income Before Income Taxes	421	521	(100)
Income Tax Expense	104	203	(99)
Net Income	\$317	\$318	\$ (1)

The following table shows the percent changes in GWh sales and average number of customers. The percentages for retail customer classes represent billed sales only. Total sales includes billed and unbilled retail sales and wholesale sales to incorporated municipalities, public and private utilities and power marketers. Amounts are not weather-normalized.

Increase (Decrease) over prior year 2018

Residential sales	14.0 %
General service sales	3.1 %
Industrial sales	0.4 %
Wholesale power sales	(0.9)%
Total sales	3.7 %
Average number of customers	1.2 %

Nine Months Ended September 30, 2018, as Compared to September 30, 2017

Operating Revenues. The variance was driven primarily by:

an \$83 million decrease due to revenues subject to refund to customers associated with the lower statutory federal corporate tax rate under the Tax Act; and
a \$22 million decrease in wholesale power revenues, net of fuel, primarily due to contracts that expired in the prior year.

PART I

Partially offset by:

- a \$53 million increase in rate rider revenues primarily related to the Edwardsport Integrated Gasification Combined Cycle (IGCC) plant and the Transmission, Distribution and Storage System Improvement Charge rider;
- a \$24 million increase in electric sales to retail customers due to favorable weather in the current year;
- a \$7 million increase in weather-normal sales volumes to retail customers in the current year; and
- a \$6 million increase in fuel and other revenues primarily due to higher Midcontinent Independent System Operator rider revenue, partially offset by a decrease in retail and wholesale fuel revenues.

Operating Expenses. The variance was driven primarily by:

- a \$50 million increase in depreciation and amortization primarily due to additional plant in service and the deferral of certain asset retirement obligations in the prior year;
- a \$30 million increase in operation, maintenance and other expense primarily due to higher amortizations of previously deferred expenses, higher transmission and customer related costs; and
- a \$30 million increase in impairment charges primarily due to the reduction of a regulatory asset pertaining to the Edwardsport IGCC settlement agreement.

Partially offset by:

- a \$14 million decrease in fuel used in electric generation and purchased power primarily due to the net benefit to expense of lower purchased power and an increase in internal generation, and lower fuel prices.

Other Income and Expenses. The increase was primarily due to higher AFUDC equity resulting from recognition of the equity portion of rider specific post-in-service carrying costs under the tax settlement approved by the IURC.

Income Tax Expense. The variance was primarily due to the lower statutory federal corporate tax rate under the Tax Act. The ETRs for the nine months ended September 30, 2018, and 2017 were 24.7 percent and 39.0 percent, respectively. The decrease in the ETR was primarily due to the lower statutory federal corporate tax rate under the Tax Act. For additional information, see Note 17 to the Condensed Consolidated Financial Statements, "Income Taxes."

Matters Impacting Future Results

On April 17, 2015, the U.S. Environmental Protection Agency (EPA) published in the Federal Register a rule to regulate the disposal of Coal Combustion Residuals (CCR) from electric utilities as solid waste. Duke Energy Indiana has interpreted the rule to identify the coal ash basin sites impacted and has assessed the amounts of coal ash subject to the rule and a method of compliance. Duke Energy Indiana's interpretation of the requirements of the CCR rule is subject to potential legal challenges and further regulatory approvals, which could result in additional ash basin closure requirements, higher costs of compliance and greater AROs. Additionally, Duke Energy Indiana has retired facilities that are not subject to the CCR rule. Duke Energy Indiana may incur costs at these facilities to comply with environmental regulations or to mitigate risks associated with on-site storage of coal ash. An order from regulatory authorities disallowing recovery of costs related to closure of ash basins could have an adverse impact on Duke Energy Indiana's results of operations, financial position and cash flows. See Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for additional information.

See "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations," in the Duke Energy Registrants' Annual Reports on Form 10-K/A for the year ended December 31, 2017, for discussion of risks associated with the Tax Act.

PART I

PIEDMONT

Management's Discussion and Analysis should be read in conjunction with the Condensed Consolidated Financial Statements and Notes for the nine months ended September 30, 2018, and 2017 and the Annual Report on Form 10-K/A for the year ended December 31, 2017.

Results of Operations

(in millions)	Nine Months Ended		
	September 30,		
	2018	2017	Variance
Operating Revenues	\$940	\$884	\$ 56
Operating Expenses			
Cost of natural gas	387	333	54
Operation, maintenance and other	252	226	26
Depreciation and amortization	118	109	9
Property and other taxes	36	38	(2)
Impairment charges	—	7	(7)
Total operating expenses	793	713	80
Operating Income	147	171	(24)
Other Income and Expenses			
Equity in earnings of unconsolidated affiliates	6	8	(2)
Other income and expenses, net	9	(1)	10
Total other income and expenses	15	7	8
Interest Expense	60	59	1
Income Before Income Taxes	102	119	(17)
Income Tax Expense	21	43	(22)
Net Income	\$81	\$76	\$ 5

The following table shows the percent changes in dekatherms delivered and average number of customers. The percentages for all throughput deliveries represent billed and unbilled sales. Amounts are not weather-normalized.

Increase (Decrease) over prior year 2018

Residential deliveries	34.2 %
Commercial deliveries	20.1 %
Industrial deliveries	3.3 %
Power generation deliveries	25.9 %
For resale	21.8 %
Total throughput deliveries	21.6 %
Secondary market volumes	(9.8)%
Average number of customers	1.5 %

Due to the margin decoupling mechanism in North Carolina and weather normalization adjustment (WNA) mechanisms in South Carolina and Tennessee, changes in throughput deliveries do not have a material impact on Piedmont's revenues or earnings. The margin decoupling mechanism adjusts for variations in residential and commercial use per customer, including those due to weather and conservation. The WNA mechanisms mostly offset the impact of weather on bills rendered, but do not ensure precise recovery of approved margin during periods when winter weather is significantly warmer or colder than normal.

Nine Months Ended September 30, 2018, as Compared to September 30, 2017

Operating Revenues. The variance was driven primarily by:

- a \$54 million increase primarily due to higher natural gas costs passed through to customers due to higher retail volumes sold and higher natural gas prices; and
- a \$37 million increase primarily due to residential and commercial customer revenue, net of natural gas costs passed through to customers, due to customer growth and IMR rate adjustments; and new power generation customers.

Partially offset by:

- a \$34 million decrease due to revenues subject to refund to customers associated with the lower statutory federal corporate tax rate under the Tax Act.

129

PART I

Operating Expenses. The variance was driven by:

- \$54 million increase in cost of natural gas primarily due to higher retail volumes sold and higher natural gas prices;
- a \$26 million increase in operation, maintenance and other primarily due to increased shared services, costs to achieve merger expenses and natural gas operations; and
- a \$9 million increase in depreciation and amortization due to additional plant in service.

Partially offset by:

- \$7 million decrease due to an impairment of software recorded in the prior year.

Other Income and Expense. The increase was primarily due to higher income from non-service components of employee benefit costs in the current year. For additional information on employee benefit costs, see Note 16 to the Condensed Consolidated Financial Statements, "Employee Benefit Plans."

Income Tax Expense. The variance was primarily due to the lower statutory federal corporate tax rate under the Tax Act. The ETRs for the nine months ended September 30, 2018, and 2017 were 20.6 percent and 36.1 percent, respectively. The decrease in the ETR was primarily due to the lower statutory federal corporate tax rate under the Tax Act. For additional information, see Note 17 to the Condensed Consolidated Financial Statements, "Income Taxes."

Matters Impacting Future Results

See "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations," in the Duke Energy Registrants' Annual Reports on Form 10-K/A for the year ended December 31, 2017, for discussion of risks associated with the Tax Act.

LIQUIDITY AND CAPITAL RESOURCES

Sources and Uses of Cash

Duke Energy relies primarily upon cash flows from operations, debt issuances and its existing cash and cash equivalents to fund its liquidity and capital requirements. Duke Energy's capital requirements arise primarily from capital and investment expenditures, repaying long-term debt and paying dividends to shareholders. See Duke Energy's Annual Report on Form 10-K/A for the year ended December 31, 2017, for a summary and detailed discussion of projected primary sources and uses of cash for 2018 to 2020.

The Subsidiary Registrants generally maintain minimal cash balances and use short-term borrowings to meet their working capital needs and other cash requirements. The Subsidiary Registrants, excluding Progress Energy (Parent), support their short-term borrowing needs through participation with Duke Energy and certain of its other subsidiaries in a money pool arrangement. The companies with short-term funds may provide short-term loans to affiliates participating under this arrangement.

Duke Energy and the Subsidiary Registrants, excluding Progress Energy (Parent), may also use short-term debt, including commercial paper and the money pool, as a bridge to long-term debt financings. The levels of borrowing may vary significantly over the course of the year due to the timing of long-term debt financings and the impact of fluctuations in cash flows from operations. From time to time, Duke Energy's current liabilities may exceed current assets resulting from the use of short-term debt as a funding source to meet scheduled maturities of long-term debt, as well as cash needs, which can fluctuate due to the seasonality of its business.

Equity Issuance

Refer to Note 14 to the Condensed Consolidated Financial Statements, "Common Stock," for further information regarding Duke Energy's equity issuance.

CREDIT FACILITIES AND REGISTRATION STATEMENTS

Refer to Note 5 to the Condensed Consolidated Financial Statements, "Debt and Credit Facilities," for further information regarding Duke Energy's available credit facilities, including the Master Credit Facility.

Shelf Registration

In September 2016, Duke Energy filed a registration statement (Form S-3) with the U.S. Securities and Exchange Commission. Under this Form S-3, which is uncapped, the Duke Energy Registrants, excluding Progress Energy (Parent), 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 also allows for the issuance of common stock by Duke Energy.

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.

PART I

DEBT MATURITIES

Refer to Note 5 to the Condensed Consolidated Financial Statements, "Debt and Credit Facilities," for further information regarding significant components of Current Maturities of Long-Term Debt on the Condensed Consolidated Balance Sheets.

CASH FLOWS FROM OPERATING ACTIVITIES

Cash flows from operations of Electric Utilities and Infrastructure and Gas Utilities and Infrastructure are primarily driven by sales of electricity and natural gas, respectively, and costs of operations. These cash flows from operations are relatively stable and comprise a substantial portion of Duke Energy's operating cash flows. Weather conditions, working capital and commodity price fluctuations, and unanticipated expenses including unplanned plant outages, storms, legal costs and related settlements, and regulatory orders can affect the timing and level of cash flows from operations.

Duke Energy believes it has sufficient liquidity resources through the commercial paper markets, and ultimately the Master Credit and Revolving Facilities, to support these operations, including storm restoration costs from Hurricanes Florence and Michael. Cash flows from operations are subject to a number of other factors, including but not limited to regulatory constraints, economic trends and market volatility (see "Item 1A. Risk Factors," in the Duke Energy Registrants' Annual Reports on Form 10-K/A for the year ended December 31, 2017, for additional information).

Restrictive Debt Covenants

The Duke Energy Registrants' debt and credit agreements contain various financial and other covenants. The Master Credit Facility contains a covenant requiring the debt-to-total capitalization ratio not to exceed 65 percent for all borrowers except 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 or sublimits thereto. As of September 30, 2018, 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.

Credit Ratings

Credit ratings are intended to provide credit lenders a framework for comparing the credit quality of securities and are not a recommendation to buy, sell or hold. The Duke Energy Registrants' credit ratings are dependent on the rating agencies' assessments of their ability to meet their debt principal and interest obligations when they come due. If, as a result of market conditions or other factors, the Duke Energy Registrants are unable to maintain current balance sheet strength or if earnings and cash flow outlook materially deteriorate, credit ratings could be negatively impacted.

Moody's Investors Service, Inc. (Moody's), Standard & Poor's Rating Services and Fitch Ratings, Inc. provide credit ratings for various Duke Energy Registrants.

On August 1, 2018, Moody's revised its ratings outlook for Duke Energy Corporation and Piedmont from negative to stable and for Duke Energy Ohio from positive to stable. Moody's also revised its ratings as follows: Progress Energy is upgraded from Baa2 to Baa1; Piedmont is downgraded from A2 to A3. On September 6, 2018, Fitch revised its ratings outlook for Duke Energy Corporation from negative to stable.

Cash Flow Information

The following table summarizes Duke Energy's cash flows.

	Nine Months Ended September 30, 2018 2017	
(in millions)		
Cash flows provided by (used in):		
Operating activities	\$5,667	\$4,978
Investing activities	(7,270)	(6,331)
Financing activities	1,547	1,239
Net decrease in cash, cash equivalents and restricted cash	(56)	(114)

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Cash, cash equivalents and restricted cash at beginning of period	505	541
Cash, cash equivalents and restricted cash at end of period	\$449	\$427

131

PART I

OPERATING CASH FLOWS

The following table summarizes key components of Duke Energy's operating cash flows.

	Nine Months Ended September 30,		
(in millions)	2018	2017	Variance
Net income	\$2,190	\$2,361	\$ (171)
Non-cash adjustments to net income	5,206	3,937	1,269
Contributions to qualified pension plans	(141)	(8)	(133)
Payments for asset retirement obligations	(389)	(420)	31
Payment for disposal of other assets	(105)	—	(105)
Working capital	(1,094)	(892)	(202)
Net cash provided by operating activities	\$5,667	\$4,978	\$ 689

The variance was primarily due to:

a \$1,098 million increase in net income after adjustment for non-cash items primarily due to favorable weather and increased pricing and volumes in the current period.

Partially offset by:

a \$133 million increase in contributions to qualified pension plans; and

a \$105 million payment for disposal of Beckjord.

INVESTING CASH FLOWS

The following table summarizes key components of Duke Energy's investing cash flows.

	Nine Months Ended September 30,		
(in millions)	2018	2017	Variance
Capital, investment and acquisition expenditures	\$(7,050)	\$(6,211)	\$ (839)
Other investing items	(220)	(120)	(100)
Net cash used in investing activities	\$(7,270)	\$(6,331)	\$ (939)

The variance relates primarily to an increase in capital expenditures due to higher overall investments in regulated generation, natural gas and commercial renewables.

FINANCING CASH FLOWS

The following table summarizes key components of Duke Energy's financing cash flows.

	Nine Months Ended September 30,		
(in millions)	2018	2017	Variance
Issuances of long-term debt, net	\$1,832	\$3,675	\$ (1,843)
Issuances of common stock	834	—	834
Notes payable and commercial paper	674	(619)	1,293
Dividends paid	(1,835)	(1,825)	(10)
Other financing items	42	8	34
Net cash provided by financing activities	\$1,547	\$1,239	\$ 308

The variance was primarily due to:

an \$834 million increase in proceeds from the issuance of common stock; and

a \$1,293 million increase in net proceeds from issuances of notes payable and commercial paper primarily due to increased capital expenditures and the timing of debt and common stock issuances.

Partially offset by:

a \$1,843 million decrease in proceeds from net issuances of long-term debt primarily due to prior year financings of \$820 million in the Commercial Renewables segment and the timing of issuances and redemptions of long-term debt.

PART I

Summary of Significant Debt Issuances

Refer to Note 5 to the Condensed Consolidated Financial Statements, "Debt and Credit Facilities," for further information regarding significant debt issuances.

OTHER MATTERS

Environmental Regulations

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 and result in new obligations of the Duke Energy Registrants.

The following sections outline various proposed and recently enacted statutes and regulations that may impact the Duke Energy Registrants. Refer to Note 3 to the Condensed Consolidated Financial Statements, "Regulatory Matters," for further information regarding potential plant retirements and regulatory filings related to the Duke Energy Registrants.

Coal Combustion Residuals

In April 2015, the EPA published a rule to regulate the disposal of CCR from electric utilities as solid waste. The federal regulation classifies CCR as nonhazardous waste and allows for beneficial use of CCR with some restrictions. The regulation applies to all new and existing landfills, new and existing surface impoundments receiving CCR and existing surface impoundments that are no longer receiving CCR but contain liquid located at stations currently generating electricity (regardless of fuel source). The rule establishes requirements regarding landfill design, structural integrity design and assessment criteria for surface impoundments, groundwater monitoring, protection and remedial procedures and other operational and reporting procedures to ensure the safe disposal and management of CCR. Various industry and environmental parties have appealed the EPA's CCR rule in the U.S. Court of Appeals for the District of Columbia (D.C. Circuit Court). On April 18, 2016, the EPA filed a motion with the federal court to settle five issues raised in litigation. On June 14, 2016, the court approved the motion with respect to all of those issues. Duke Energy does not expect a material impact from the settlement or that it will result in additional ARO adjustments. On September 13, 2017, EPA responded to a petition by the Utility Solid Waste Activities Group that the agency would reconsider certain provisions of the final rule, and asked the D.C. Circuit Court to suspend the litigation. The D.C. Circuit Court denied EPA's petition to suspend the litigation and oral argument was held on November 20, 2017. On August 21, 2018, the D.C. Circuit issued its decision in the CCR rule litigation denying relief for industry petitioners' remaining claims and ruling in favor of environmental petitioners on a number of their challenges, including the regulation of inactive CCR surface impoundments at retired plants and the continued operation of unlined impoundments.

On March 15, 2018, EPA published proposed amendments to the federal CCR rule, including revisions that were required as part of a CCR litigation settlement, as well as changes that the agency considers warranted due to the passage of the Water Infrastructure Improvements for the Nation Act, which provides statutory authority for state and federal permit programs. On July 17, 2018, EPA issued a rule finalizing certain, but not all, elements included in the agency's March 15, 2018, proposal. The final rule revises certain closure deadlines and groundwater protection standards in the CCR rule. It does not change the primary requirements for groundwater monitoring, corrective action, inspections and maintenance, and closure, and thus does not materially affect Duke Energy's coal ash basin closure plans or compliance obligations under the CCR rule.

In addition to the requirements of the federal CCR regulation, CCR landfills and surface impoundments will continue to be independently regulated by most states. Cost recovery for future expenditures will be pursued through the normal ratemaking process with federal and state utility commissions and via wholesale contracts, which permit recovery of necessary and prudently incurred costs associated with Duke Energy's regulated operations. For more information, see Note 9, "Asset Retirement Obligations," in Duke Energy's Annual Report on Form 10-K/A for the year ended December 31, 2017.

Coal Ash Management Act of 2014

Asset retirement obligations recorded on the Duke Energy Carolinas and Duke Energy Progress Condensed Consolidated Balance Sheets at September 30, 2018, and December 31, 2017, include the legal obligation for closure

of coal ash basins and the disposal of related ash as a result of the Coal Ash Act, the EPA CCR rule and other agreements. The Coal Ash Act requires Duke Energy to undertake dam improvement projects and to provide access to a permanent alternative drinking water source to certain residents within a half-mile of coal ash basin compliance boundaries and to certain other potentially impacted residents. The legislation 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. On October 12, 2018, NCDEQ announced that Duke Energy had satisfied the permanent replacement water supply requirements by the October 15, 2018, deadline set out in the Coal Ash Management Act. NCDEQ has until November 14, 2018, to issue final basin classifications. Additionally, the Coal Ash Act requires 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.

PART I

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. Consistent with the requirements of the Coal Ash Act, Duke Energy has submitted comprehensive site assessments and groundwater corrective plans to NCDEQ and will submit to NCDEQ site-specific coal ash impoundment closure plans in advance of closure. NCDEQ requested that Duke Energy submit options analyses, groundwater modeling and net environmental benefits analyses for six sites potentially eligible for closure by cap in place by November 15, 2018. These plans and all associated permits must be approved by NCDEQ before closure work can begin.

For more information, see Note 9, “Asset Retirement Obligations,” in Duke Energy’s Annual Report on Form 10-K/A for the year ended December 31, 2017.

Clean Water Act 316(b)

The EPA published the final 316(b) cooling water intake structure rule on August 15, 2014, with an effective date of October 14, 2014. The rule applies to 26 of the electric generating facilities the Duke Energy Registrants own and operate. The rule allows for several options to demonstrate compliance and provides flexibility to the state environmental permitting agencies to make determinations on controls, if any, that will be required for cooling water intake structures. Any required intake structure modifications and/or retrofits are expected to be installed in the 2019 to 2023 time frame. Petitions challenging the rule have been filed by several groups. Oral argument was held on September 14, 2017. On July 23, 2018, the U.S. Court of Appeals for the Second Circuit announced their decision to uphold the 316(b) rule. Duke Energy continues to work with the state environmental permitting agency to implement the rule.

Steam Electric Effluent Limitations Guidelines

On January 4, 2016, the final Steam Electric Effluent Limitations Guidelines (ELG) rule became effective. The rule establishes new requirements for wastewater streams associated with steam electric power generation and includes more stringent controls for any new coal plants that may be built in the future. As originally written, affected facilities were required to comply between 2018 and 2023, depending on the timing of Clean Water Act (CWA) discharge permits. Most of the steam electric generating facilities the Duke Energy Registrants own are affected sources. The Duke Energy Registrants are well-positioned to meet the majority of the requirements of the rule due to current efforts to convert to dry ash handling. Petitions challenging the rule have been filed by several groups. On March 16, 2015, Duke Energy Indiana filed its own legal challenge to the rule with the Seventh Circuit Court of Appeals specific to the ELG rule focused on the limits imposed on IGCC facilities (gasification wastewater). All challenges to the rule were consolidated in the Fifth Circuit Court of Appeals. On August 22, 2017, the Fifth Circuit Court of Appeals granted EPA’s Motion to Govern Further Proceedings, thereby severing and suspending the claims related to flue gas desulfurization wastewater, bottom ash transport water and gasification wastewater. Claims regarding gasification wastewater were stayed, pending the issuance of the variance to Duke Energy Indiana. Duke Energy Indiana’s federal court challenge to EPA’s Effluent Limitations Guidelines and Standards for the Steam Electric Power Generating Point Source Category remains in abeyance. After a long delay, EPA issued a variance for discharges at Edwardsport of wastewater associated with the gasification process. The variance was incorporated by the state agency into a revised wastewater discharge permit, and Duke Energy Indiana has voluntarily dismissed the federal court challenge. The litigation will continue as to claims related to other waste streams.

Separate from the litigation, EPA finalized a rule on September 18, 2017, postponing the earliest applicability date for bottom ash transport water and flue gas desulfurization wastewater from 2018 to 2020 and retaining the end applicability date of 2023. Also, as part of the rule, EPA reiterated its intent to conduct a new rulemaking to review the effluent limitation guidelines for bottom ash transport water and flue gas desulfurization wastewater. EPA projects that a new rule on these two issues will be finalized by the end of 2019.

The Duke Energy Registrants cannot predict the outcome of these matters.

Estimated Cost and Impacts of Rulemakings

Duke Energy will incur capital expenditures to comply with the environmental regulations and rules discussed above. The following table provides five-year estimated costs, excluding AFUDC, of new control equipment that may need to be installed on existing power plants primarily to comply with the Coal Ash Act requirements for conversion to dry disposal of bottom ash and fly ash, CWA 316(b) and ELGs through December 31, 2022. The table excludes ash basin closure costs recorded in Asset retirement obligations on the Condensed Consolidated Balance Sheets. For more information related to AROs, see Note 9, “Asset Retirement Obligations” in Duke Energy’s Annual Report on Form 10 K/A for the year ended December 31, 2017.

(in millions)	Estimated Cost
Duke Energy	\$ 950
Duke Energy Carolinas	440
Progress Energy	370
Duke Energy Progress	270
Duke Energy Florida	100
Duke Energy Ohio	90
Duke Energy Indiana	50

The Duke Energy Registrants also expect to incur increased fuel, purchased power, operation and maintenance and other expenses, in addition to costs for replacement generation for potential coal-fired power plant retirements, as a result of these regulations. Actual compliance costs incurred may be materially different from these estimates due to reasons such as the timing and requirements of EPA regulations and the resolution of legal challenges to the rules. The Duke Energy Registrants intend to seek rate recovery of necessary and prudently incurred costs associated with regulated operations to comply with these regulations.

PART I

Cross-State Air Pollution Rule

On September 7, 2016, EPA finalized a revision to the Cross-State Air Pollution Rule (CSAPR); the revised rule is known as the CSAPR Update Rule. The CSAPR Update Rule reduces the CSAPR Phase 2 state ozone season NO_x emission budgets for 22 eastern states, including Ohio, Kentucky and Indiana. In the final CSAPR Update Rule, the EPA removed Florida, South Carolina and North Carolina from the ozone season NO_x program. Beginning in 2017, Duke Energy Registrants in these states will not be subject to any CSAPR ozone season NO_x emission limitations. For the states that remain in the program, the reduced state ozone season NO_x emission budgets took effect on May 1, 2017. In Kentucky and Indiana, where Duke Energy Registrants own and operate coal-fired electric generating units (EGUs) subject to the final rule requirements, near-term responses include changing unit dispatch to run certain generating units less frequently and/or purchasing NO_x allowances from the trading market. Longer term, upgrading the performance of existing NO_x controls is an option. The Indiana Utility Group and the Indiana Energy Association jointly filed a petition for reconsideration asking that the EPA correct errors it made in calculating the Indiana budget and increase the budget accordingly. EPA has yet to act on the petition. Numerous parties have filed petitions with the D.C. Circuit Court challenging various aspects of the CSAPR Update Rule. Final briefs in the case were due April 9, 2018. Oral argument was heard on October 3, 2018. The Duke Energy Registrants cannot predict the outcome of these matters.

Carbon Pollution Standards for New, Modified and Reconstructed Power Plants

On October 23, 2015, EPA published a final rule in the Federal Register establishing carbon dioxide (CO₂) emissions limits for new, modified and reconstructed power plants. The requirements for new plants apply to plants that commenced construction after January 8, 2014. EPA set an emissions standard for coal units of 1,400 pounds of CO₂ per gross MWh, which would require the application of partial carbon capture and storage (CCS) technology for a coal unit to be able to meet the limit. Utility-scale CCS is not currently a demonstrated and commercially available technology for coal-fired EGUs, and therefore the final standard effectively prevents the development of new coal-fired generation. EPA set a final standard of 1,000 pounds of CO₂ per gross MWh for new natural gas combined-cycle units.

On March 28, 2017, President Trump signed an executive order directing EPA to review the rule and determine whether to suspend, revise or rescind it. On the same day, the Department of Justice (DOJ) filed a motion with the D.C. Circuit Court requesting that the court stay the litigation of the rule while it is reviewed by EPA. Subsequent to the DOJ motion, the D.C. Circuit Court canceled oral argument in the case. On August 10, 2017, the court ordered that the litigation be suspended indefinitely. The rule remains in effect pending the outcome of litigation and EPA's review. On July 24, 2018, EPA reported to the court that it plans to send a proposed revised rule to the Office of Management and Budget (OMB) for review. EPA has stated that it expects to release the proposed rule in November. The Duke Energy Registrants cannot predict the outcome of these matters but do not expect the impacts of the current final standards will be material to Duke Energy's financial position, results of operations or cash flows.

Clean Power Plan

On October 23, 2015, the EPA published in the Federal Register the final Clean Power Plan (CPP) rule to regulate CO₂ emissions from existing fossil fuel-fired EGUs. The CPP established CO₂ emission rates and mass cap goals that apply to existing fossil fuel-fired EGUs. Petitions challenging the rule were filed by numerous groups and on February 9, 2016, the Supreme Court issued a stay of the final CPP rule, halting implementation of the CPP until legal challenges are resolved. States in which the Duke Energy Registrants operate have suspended work on the CPP in response to the stay. Oral arguments before 10 of the 11 judges on the D.C. Circuit Court were heard on September 27, 2016. The court has not issued its opinion in the case.

On March 28, 2017, President Trump signed an executive order directing EPA to review the CPP and determine whether to suspend, revise or rescind the rule. On the same day, the DOJ filed a motion with the D.C. Circuit Court requesting that the court stay the litigation of the rule while it is reviewed by EPA. On April 28, 2017, the court issued an order to suspend the litigation for 60 days and required EPA to file status reports with the court every 30 days. The court has issued subsequent orders, most recently on June 26, 2018, maintaining the case in abeyance. On October 16, 2017, EPA issued a Notice of Proposed Rulemaking (NPRM) to repeal the CPP based on a change to EPA's legal

interpretation of the section of the Clean Air Act on which the CPP was based. The comment period on EPA's NPRM ended April 26, 2018. On December 28, 2017, EPA issued an Advance Notice of Proposed Rulemaking (ANPRM) in which it sought public comment on various aspects of a potential CPP replacement rule. The comment period on the ANPRM ended February 26, 2018. On August 31, 2018, EPA published a proposed rule to replace the CPP, the Affordable Clean Energy (ACE) rule. The proposed ACE rule is based on an "inside the fence" approach under which states develop CO₂ reduction plans based on efficiency (heat rate) improvements at coal-fired power plants. The rule proposes a list of "candidate technologies" from which the states develop unit-specific emission standards. State compliance plans will be due three years after the rule is finalized. The proposal also revises EPA's New Source Review (NSR) permitting program to remove impediments to the kinds of efficiency improvements the ACE rule would require. The Duke Energy Registrants cannot predict the outcome of these matters.

Section 126 Petitions

On November 16, 2016, the state of Maryland filed a petition with EPA under Section 126 of the Clean Air Act alleging that 19 power plants, including two that Duke Energy Registrants own and operate, contribute to violations of EPA's National Ambient Air Quality Standards (NAAQS) for ozone in the state of Maryland. On March 12, 2018, the state of New York filed a petition with EPA, also under Section 126 of the Clean Air Act alleging that over 60 power plants, including four that Duke Energy Registrants own and operate, contribute to violations of EPA's ozone NAAQS in the state of New York. Both Maryland and New York seek EPA orders requiring the states in which the named power plants operate impose more stringent nitrogen oxide (NO_x) emission limitations on the plants. On October 5, 2018, EPA published a final rule denying the Maryland petition. That same day, Maryland appealed EPA's denial of their Section 126 petition. Duke Energy has three units named in the petition. Any other petition to challenge this final rule must be filed within 60 days from EPA's denial. The impact of these petitions could be more stringent requirements for the operation of NO_x emission controls at these plants. The Duke Energy Registrants cannot predict the outcome of these matters.

Global Climate Change

For other information on global climate change and the potential impacts on Duke Energy, see "Other Matters" in "Management's Discussion and Analysis of Financial Condition and Results of Operations" in Duke Energy's Annual Report on Form 10-K/A for the year ended December 31, 2017.

PART I

North Carolina Legislation

For other information on North Carolina legislation and the potential impacts on Duke Energy, see “Other Matters” in “Management’s Discussion and Analysis of Financial Condition and Results of Operations” in Duke Energy’s Annual Report on Form 10-K/A for the year ended December 31, 2017.

Liquefied Natural Gas Facility

Piedmont Natural Gas plans to build a liquefied natural gas facility in Robeson County, North Carolina. The project is expected to be completed in the summer of 2021 at a cost of \$250 million. Construction will begin in the summer of 2019.

Nuclear Matters

For other information on nuclear matters and the potential impacts on Duke Energy, see “Other Matters” in “Management’s Discussion and Analysis of Financial Condition and Results of Operations” in Duke Energy’s Annual Report on Form 10-K/A for the year ended December 31, 2017.

New Accounting Standards

See Note 1 to the Condensed Consolidated Financial Statements, “Organization and Basis of Presentation,” for a discussion of the impact of new accounting standards.

Off-Balance Sheet Arrangements

During the three and nine months ended September 30, 2018, there were no material changes to Duke Energy’s off-balance sheet arrangements. See Note 12 to the Condensed Consolidated Financial Statements, “Variable Interest Entities,” for a discussion of off-balance sheet arrangements regarding ACP. For additional information on Duke Energy’s off-balance sheet arrangements, see “Off-Balance Sheet Arrangements” in “Management’s Discussion and Analysis of Financial Condition and Results of Operations” in Duke Energy’s Annual Report on Form 10-K/A for the year ended December 31, 2017.

Contractual Obligations

Duke Energy enters into contracts that require payment of cash at certain specified periods, based on certain specified minimum quantities and prices. During the three and nine months ended September 30, 2018, there were no material changes in Duke Energy’s contractual obligations. For an in-depth discussion of Duke Energy’s contractual obligations, see “Contractual Obligations” and “Quantitative and Qualitative Disclosures about Market Risk” in “Management’s Discussion and Analysis of Financial Condition and Results of Operations” in Duke Energy’s Annual Report on Form 10-K/A for the year ended December 31, 2017.

Subsequent Events

See Note 18 to the Condensed Consolidated Financial Statements, “Subsequent Events,” for a discussion of subsequent events.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

During the three and nine months ended September 30, 2018, there were no material changes to the Duke Energy Registrants’ disclosures about market risk. For an in-depth discussion of the Duke Energy Registrants’ market risks, see “Quantitative and Qualitative Disclosures about Market Risk” in Item 7 of the Annual Report on Form 10-K/A for the Duke Energy Registrants.

ITEM 4. CONTROLS AND PROCEDURES

Disclosure Controls and Procedures

Disclosure controls and procedures are controls and other procedures that are designed to ensure that information required to be disclosed by the Duke Energy Registrants in the reports they file or submit under the Securities Exchange Act of 1934 (Exchange Act) are recorded, processed, summarized and reported within the time periods specified by the U.S. Securities and Exchange Commission rules and forms.

Disclosure controls and procedures include, without limitation, controls and procedures designed to provide reasonable assurance that information required to be disclosed by the Duke Energy Registrants in the reports they file or submit under the Exchange Act are accumulated and communicated to management, including the Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure.

Under the supervision and with the participation of management, including the Chief Executive Officer and Chief Financial Officer, the Duke Energy Registrants have evaluated the effectiveness of their disclosure controls and procedures (as such term is defined in Rule 13a-15(e) and 15d-15(e) under the Exchange Act) as of September 30, 2018, and, based upon this evaluation, the Chief Executive Officer and Chief Financial Officer have concluded that these controls and procedures are effective in providing reasonable assurance of compliance.

Changes in Internal Control over Financial Reporting

On August 2, 2018, Duke Energy and Ernst and Young LLP (EY) announced a strategic tax relationship which resulted in approximately 45 tax team employees joining EY as part of an outsourced arrangement for managed tax services. In connection with this new strategic relationship, management will continue to enhance the design and documentation of our internal control processes to ensure suitable controls over financial reporting. During the three months ended September 30, 2018, except as noted above, there were no changes in Duke Energy's internal control over financial reporting, as defined in Rule 13a-15(f) under the Exchange Act, that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II. OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

For information regarding material legal proceedings, including regulatory and environmental matters, see Note 3, "Regulatory Matters," and Note 4, "Commitments and Contingencies," to the Condensed Consolidated Financial Statements.

Methyl tertiary butyl ether (MTBE) Litigation

On June 19, 2014, the Commonwealth of Pennsylvania filed suit against, among others, Duke Energy Merchants, alleging contamination of waters of the state by MTBE from leaking gasoline storage tanks. MTBE is a gasoline additive intended to increase the oxygen level in gasoline and make it burn cleaner. The lawsuit was moved to federal court and consolidated into an existing multidistrict litigation docket of pending MTBE cases. This suit was settled for an immaterial amount in December 2017 and dismissed in January 2018.

In December 2017, the state of Maryland filed a lawsuit in Baltimore City Circuit Court against Duke Energy Merchants and other defendants alleging contamination of its water supplies from MTBE. The case was removed to the U.S. District Court in Baltimore. Duke Energy cannot predict the outcome of this matter.

ITEM 1A. RISK FACTORS

In addition to the other information set forth in this report, careful consideration should be given to the factors discussed in Part I, "Item 1A. Risk Factors" in the Duke Energy Registrants' Annual Report on Form 10-K/A, which could materially affect the Duke Energy Registrants' financial condition or future results.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

None.

251

<u>Sarbanes-Oxley Act of 2002.</u>				
<u>Certification of the Chief Financial Officer</u>				
* <u>Pursuant to Section 302 of the</u>	X			
<u>Sarbanes-Oxley Act of 2002.</u>				
<u>Certification of the Chief Financial Officer</u>				
* <u>Pursuant to Section 302 of the</u>		X		
<u>Sarbanes-Oxley Act of 2002.</u>				
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* <u>Pursuant to Section 302 of the</u>				X
<u>Sarbanes-Oxley Act of 2002.</u>				
<u>Certification of the Chief Financial Officer</u>				
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<u>Sarbanes-Oxley Act of 2002.</u>				

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PART II

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~~XBRIEF~~ Economy Definition Linkbase Document. X X X X X X X X

The total amount of securities of the registrant or its subsidiaries authorized under any instrument with respect to long-term debt not filed as an exhibit does not exceed 10 percent of the total assets of the registrant and its subsidiaries on a consolidated basis. The registrant agrees, upon request of the SEC, to furnish copies of any or all of such instruments to it.

PART II

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrants have duly caused this report to be signed on their behalf by the undersigned thereunto duly authorized.

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.

Date: November 2, 2018 /s/ STEVEN K. YOUNG

Steven K. Young

Executive Vice President and Chief Financial Officer (Principal Financial Officer)

Date: November 2, 2018 /s/ DWIGHT L. JACOBS

Dwight L. Jacobs

Senior Vice President, Chief Accounting Officer
and Controller

(Principal Accounting Officer)