

**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 June 30, 2019**
- 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	Name of Registrant, Address, and Telephone Number	State or other jurisdiction of Incorporation	I.R.S. Employer Identification Number
001-09120	Public Service Enterprise Group Incorporated 80 Park Plaza Newark, New Jersey 07102 973 430-7000	New Jersey	22-2625848
001-00973	Public Service Electric and Gas Company 80 Park Plaza Newark, New Jersey 07102 973 430-7000	New Jersey	22-1212800
001-34232	PSEG Power LLC 80 Park Plaza Newark, New Jersey 07102 973 430-7000	Delaware	22-3663480

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class	Trading Symbol(s)	Name of Each Exchange On Which Registered
Public Service Enterprise Group Incorporated		
Common Stock without par value	PEG	New York Stock Exchange
Public Service Electric and Gas Company		
9.25% First and Refunding Mortgage Bonds, Series CC, due 2021	PEG21	New York Stock Exchange
8.00% First and Refunding Mortgage Bonds, due 2037	PEG37D	New York Stock Exchange
5.00% First and Refunding Mortgage Bonds, due 2037	PEG37J	New York Stock Exchange
PSEG Power LLC		
8.625% Senior Notes, due 2031	PEG31	New York Stock Exchange

Indicate by check mark whether the registrants (1) have 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 registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrants have submitted electronically every Interactive Data File required to be submitted and posted 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 registrants were required to submit such files). Yes ☒ No ☐

Indicate by check mark whether each registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, 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.

(Cover continued on next page)

[Table of Contents](#)

(Cover continued from previous page)

Public Service Enterprise Group Incorporated	Large accelerated filer	☒ Accelerated filer	☐ Non-accelerated filer	☐ Smaller reporting company	☐ Emerging growth company
Public Service Electric and Gas Company	Large accelerated filer	☐ Accelerated filer	☐ Non-accelerated filer	☒ Smaller reporting company	☐ Emerging growth company
PSEG Power LLC	Large accelerated filer	☐ Accelerated filer	☐ Non-accelerated filer	☒ Smaller reporting company	☐ Emerging growth company

If any of the registrants is an emerging growth company, indicate by check mark if such 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 any of the registrants is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes ☐ No ☒

As of July 16, 2019 , Public Service Enterprise Group Incorporated had outstanding 505,636,442 shares of its sole class of Common Stock, without value.

As of July 16, 2019 , Public Service Electric and Gas Company had issued and outstanding 132,450,344 shares of Common Stock, without nominal or par value, all of which were privately held, beneficially and of record, by Public Service Enterprise Group Incorporated.

Public Service Electric and Gas Company and PSEG Power LLC are wholly owned subsidiaries of Public Service Enterprise Group Incorporated and meet the conditions set forth in General Instruction H(1) of Form 10-Q. Each is filing its Quarterly Report on Form 10-Q with the reduced disclosure format authorized by General Instruction H.

	Page
FORWARD-LOOKING STATEMENTS	ii
FILING FORMAT	iii
PART I. FINANCIAL INFORMATION	
Item 1. Financial Statements	
Public Service Enterprise Group Incorporated	1
Public Service Electric and Gas Company	7
PSEG Power LLC	13
Notes to Condensed Consolidated Financial Statements	
Note 1. Organization , Basis of Presentation and Significant Accounting Policies	19
Note 2. Recent Accounting Standards	20
Note 3. Revenues	22
Note 4. Early Plant Retirements/Asset Dispositions	27
Note 5. Variable Interest Entity (VIE)	28
Note 6. Rate Filings	28
Note 7. Leases	29
Note 8. Financing Receivables	32
Note 9. Trust Investments	34
Note 10. Pension and Other Postretirement Benefits (OPEB)	40
Note 11. Commitments and Contingent Liabilities	42
Note 12. Debt and Credit Facilities	49
Note 13. Financial Risk Management Activities	51
Note 14. Fair Value Measurements	56
Note 15. Other Income (Deductions)	63
Note 16. Income Taxes	63
Note 17. Accumulated Other Comprehensive Income (Loss), Net of Tax	65
Note 18. Earnings Per Share (EPS) and Dividends	69
Note 19. Financial Information by Business Segment	70
Note 20. Related-Party Transactions	71
Note 21. Guarantees of Debt	73
Item 2. Management’s Discussion and Analysis of Financial Condition and Results of Operations	76
Executive Overview of 2019 and Future Outlook	76
Results of Operations	84
Liquidity and Capital Resources	89
Capital Requirements	91
Accounting Matters	91
Item 3. Quantitative and Qualitative Disclosures About Market Risk	91
Item 4. Controls and Procedures	92
PART II. OTHER INFORMATION	
Item 1. Legal Proceedings	93
Item 1A. Risk Factors	93
Item 2. Unregistered Sales of Equity Securities and Use of Proceeds	93
Item 5. Other Information	93
Item 6. Exhibits	95
Signatures	96

FORWARD-LOOKING STATEMENTS

Certain of the matters discussed in this report about our and our subsidiaries' future performance, including, without limitation, future revenues, earnings, strategies, prospects, consequences and all other statements that are not purely historical constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements are subject to risks and uncertainties, which could cause actual results to differ materially from those anticipated. Such statements are based on management's beliefs as well as assumptions made by and information currently available to management. When used herein, the words "anticipate," "intend," "estimate," "believe," "expect," "plan," "should," "hypothetical," "potential," "forecast," "project," variations of such words and similar expressions are intended to identify forward-looking statements. Factors that may cause actual results to differ are often presented with the forward-looking statements themselves. Other factors that could cause actual results to differ materially from those contemplated in any forward-looking statements made by us herein are discussed in filings we make with the United States Securities and Exchange Commission (SEC), including our Annual Report on Form 10-K and subsequent reports on Form 10-Q and Form 8-K. These factors include, but are not limited to:

- fluctuations in wholesale power and natural gas markets, including the potential impacts on the economic viability of our generation units;
- our ability to obtain adequate fuel supply;
- any inability to manage our energy obligations with available supply;
- PSE&G's proposed investment programs may not be fully approved by regulators and its capital investment may be lower than planned;
- increases in competition in wholesale energy and capacity markets;
- changes in technology related to energy generation, distribution and consumption and customer usage patterns;
- economic downturns;
- third-party credit risk relating to our sale of generation output and purchase of fuel;
- adverse performance of our decommissioning and defined benefit plan trust fund investments and changes in funding requirements;
- changes in state and federal legislation and regulations, and PSE&G's ability to recover costs and earn returns on authorized investments;
- the impact of any future rate proceedings;
- risks associated with our ownership and operation of nuclear facilities, including regulatory risks, such as compliance with the Atomic Energy Act and trade control, environmental and other regulations, as well as financial, environmental and health and safety risks;
- the impact on our New Jersey nuclear plants if such plants are not selected to participate in future Zero Emission Certificate (ZEC) programs or if adverse changes are made to the capacity market construct;
- adverse changes in energy industry laws, policies and regulations, including market structures and transmission planning;
- changes in federal and state environmental regulations and enforcement;
- delays in receipt of, or an inability to receive, necessary licenses and permits;
- adverse outcomes of any legal, regulatory or other proceeding, settlement, investigation or claim applicable to us and/or the energy industry;
- changes in tax laws and regulations;
- the impact of our holding company structure on our ability to meet our corporate funding needs, service debt and pay dividends;
- lack of growth or slower growth in the number of customers or changes in customer demand;
- any inability of PSEG Power to meet its commitments under forward sale obligations;
- reliance on transmission facilities that we do not own or control and the impact on our ability to maintain adequate transmission capacity;

[Table of Contents](#)

- any inability to successfully develop, obtain regulatory approval for, or construct generation, transmission and distribution projects;
- any equipment failures, accidents, severe weather events or other incidents that impact our ability to provide safe and reliable service to our customers;
- our inability to exercise control over the operations of generation facilities in which we do not maintain a controlling interest;
- any inability to recover the carrying amount of our long-lived assets and leveraged leases;
- any inability to maintain sufficient liquidity;
- any inability to realize anticipated tax benefits or retain tax credits;
- challenges associated with recruitment and/or retention of key executives and a qualified workforce;
- the impact of our covenants in our debt instruments on our operations; and
- the impact of acts of terrorism, cybersecurity attacks or intrusions.

All of the forward-looking statements made in this report are qualified by these cautionary statements and we cannot assure you that the results or developments anticipated by management will be realized or even if realized, will have the expected consequences to, or effects on, us or our business, prospects, financial condition, results of operations or cash flows. Readers are cautioned not to place undue reliance on these forward-looking statements in making any investment decision. Forward-looking statements made in this report apply only as of the date of this report. While we may elect to update forward-looking statements from time to time, we specifically disclaim any obligation to do so, even in light of new information or future events, unless otherwise required by applicable securities laws.

The forward-looking statements contained in this report are intended to qualify for the safe harbor provisions of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended.

FILING FORMAT

This combined Quarterly Report on Form 10-Q is separately filed by Public Service Enterprise Group Incorporated (PSEG), Public Service Electric and Gas Company (PSE&G) and PSEG Power LLC (PSEG Power). Information relating to any individual company is filed by such company on its own behalf. PSE&G and PSEG Power are each only responsible for information about itself and its subsidiaries.

Discussions throughout the document refer to PSEG and its direct operating subsidiaries, PSE&G and PSEG Power. Depending on the context of each section, references to “we,” “us,” and “our” relate to PSEG or to the specific company or companies being discussed.

PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
Millions, except per share data
(Unaudited)

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2019	2018	2019	2018
OPERATING REVENUES	\$ 2,316	\$ 2,016	\$ 5,296	\$ 4,834
OPERATING EXPENSES				
Energy Costs	704	600	1,828	1,552
Operation and Maintenance	750	725	1,506	1,479
Depreciation and Amortization	307	280	621	560
Loss on Asset Dispositions	395	—	395	—
Total Operating Expenses	2,156	1,605	4,350	3,591
OPERATING INCOME	160	411	946	1,243
Income from Equity Method Investments	5	5	7	7
Net Gains (Losses) on Trust Investments	39	8	167	(14)
Other Income (Deductions)	33	34	66	66
Non-Operating Pension and OPEB Credits (Costs)	33	19	66	38
Interest Expense	(137)	(111)	(270)	(214)
INCOME BEFORE INCOME TAXES	133	366	982	1,126
Income Tax Benefit (Expense)	20	(97)	(129)	(299)
NET INCOME	\$ 153	\$ 269	\$ 853	\$ 827
WEIGHTED AVERAGE COMMON SHARES OUTSTANDING:				
BASIC	504	504	504	504
DILUTED	507	507	507	507
NET INCOME PER SHARE:				
BASIC	\$ 0.30	\$ 0.53	\$ 1.69	\$ 1.64
DILUTED	\$ 0.30	\$ 0.53	\$ 1.68	\$ 1.63

See Notes to Condensed Consolidated Financial Statements.

PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED
CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
Millions
(Unaudited)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
NET INCOME	\$ 153	\$ 269	\$ 853	\$ 827
Other Comprehensive Income (Loss), net of tax				
Unrealized Gains (Losses) on Available-for-Sale Securities, net of tax (expense) benefit of \$(12), \$4, \$(25) and \$13 for the three and six months ended 2019 and 2018, respectively	18	(5)	39	(19)
Unrealized Gains (Losses) on Cash Flow Hedges, net of tax (expense) benefit of \$5, \$1, \$6 and \$1 for the three and six months ended 2019 and 2018, respectively	(13)	(1)	(17)	(1)
Pension/Other Postretirement Benefit Costs (OPEB) adjustment, net of tax (expense) benefit of \$(2), \$(3), \$(6) and \$(6) for the three and six months ended 2019 and 2018, respectively	4	7	4	15
Other Comprehensive Income (Loss), net of tax	9	1	26	(5)
COMPREHENSIVE INCOME	\$ 162	\$ 270	\$ 879	\$ 822

See Notes to Condensed Consolidated Financial Statements.

PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED
CONDENSED CONSOLIDATED BALANCE SHEETS
Millions
(Unaudited)

	June 30, 2019	December 31, 2018
ASSETS		
CURRENT ASSETS		
Cash and Cash Equivalents	\$ 82	\$ 177
Accounts Receivable, net of allowances of \$68 in 2019 and \$63 in 2018	1,118	1,435
Tax Receivable	—	242
Unbilled Revenues	193	240
Fuel	235	331
Materials and Supplies, net	574	571
Prepayments	348	94
Derivative Contracts	83	11
Regulatory Assets	419	389
Assets Held for Sale	74	—
Other	30	17
Total Current Assets	3,156	3,507
PROPERTY, PLANT AND EQUIPMENT	44,719	44,201
Less: Accumulated Depreciation and Amortization	(9,842)	(9,838)
Net Property, Plant and Equipment	34,877	34,363
NONCURRENT ASSETS		
Regulatory Assets	3,465	3,399
Operating Lease Right-of-Use Assets	282	—
Long-Term Investments	845	896
Nuclear Decommissioning Trust (NDT) Fund	2,118	1,878
Long-Term Tax Receivable	150	—
Long-Term Receivable of Variable Interest Entity (VIE)	637	624
Rabbi Trust Fund	240	224
Goodwill	16	16
Other Intangibles	162	143
Derivative Contracts	79	1
Other	253	275
Total Noncurrent Assets	8,247	7,456
TOTAL ASSETS	\$ 46,280	\$ 45,326

See Notes to Condensed Consolidated Financial Statements.

PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED
CONDENSED CONSOLIDATED BALANCE SHEETS
Millions
(Unaudited)

	June 30, 2019	December 31, 2018
LIABILITIES AND CAPITALIZATION		
CURRENT LIABILITIES		
Long-Term Debt Due Within One Year	\$ 1,056	\$ 1,294
Commercial Paper and Loans	365	1,016
Accounts Payable	1,153	1,451
Derivative Contracts	29	11
Accrued Interest	115	110
Accrued Taxes	39	26
Clean Energy Program	231	143
Obligation to Return Cash Collateral	126	136
Regulatory Liabilities	319	311
Liabilities Held for Sale	26	—
Other	523	437
Total Current Liabilities	3,982	4,935
NONCURRENT LIABILITIES		
Deferred Income Taxes and Investment Tax Credits (ITC)	6,030	5,713
Regulatory Liabilities	3,056	3,221
Operating Leases	273	—
Asset Retirement Obligations	1,065	1,063
OPEB Costs	696	704
OPEB Costs of Servco	517	501
Accrued Pension Costs	765	791
Accrued Pension Costs of Servco	106	109
Environmental Costs	344	327
Derivative Contracts	8	4
Long-Term Accrued Taxes	170	181
Other	213	232
Total Noncurrent Liabilities	13,243	12,846
COMMITMENTS AND CONTINGENT LIABILITIES (See Note 11)		
CAPITALIZATION		
LONG-TERM DEBT	14,301	13,168
STOCKHOLDERS' EQUITY		
Common Stock, no par, authorized 1,000 shares; issued, 2019 and 2018—534 shares	4,980	4,980
Treasury Stock, at cost, 2019 and 2018—30 shares	(835)	(808)
Retained Earnings	11,041	10,582
Accumulated Other Comprehensive Loss	(432)	(377)
Total Stockholders' Equity	14,754	14,377
Total Capitalization	29,055	27,545
TOTAL LIABILITIES AND CAPITALIZATION	\$ 46,280	\$ 45,326

See Notes to Condensed Consolidated Financial Statements.

PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
Millions
(Unaudited)

	Six Months Ended June 30,	
	2019	2018
CASH FLOWS FROM OPERATING ACTIVITIES		
Net Income	\$ 853	\$ 827
Adjustments to Reconcile Net Income to Net Cash Flows from Operating Activities:		
Depreciation and Amortization	621	560
Amortization of Nuclear Fuel	89	95
Loss on Asset Dispositions	395	—
Emission Allowances and Renewable Energy Credit (REC) Compliance Accrual	46	46
Provision for Deferred Income Taxes (Other than Leases) and ITC	123	213
Non-Cash Employee Benefit Plan (Credits) Costs	(5)	35
Leveraged Lease (Income) Loss, Adjusted for Rents Received and Deferred Taxes	(3)	8
Net (Gain) Loss on Lease Investments	32	14
Net Realized and Unrealized (Gains) Losses on Energy Contracts and Other Derivatives	(320)	(54)
Cost of Removal	(61)	(84)
Net Change in Regulatory Assets and Liabilities	84	(58)
Net (Gains) Losses and (Income) Expense from NDT Fund	(189)	(8)
Net Change in Certain Current Assets and Liabilities:		
Tax Receivable	77	16
Accrued Taxes	(10)	57
Margin Deposit	392	24
Other Current Assets and Liabilities	(299)	2
Employee Benefit Plan Funding and Related Payments	(24)	(58)
Other	23	(2)
Net Cash Provided By (Used In) Operating Activities	1,824	1,633
CASH FLOWS FROM INVESTING ACTIVITIES		
Additions to Property, Plant and Equipment	(1,604)	(2,005)
Purchase of Emission Allowances and RECs	(29)	(44)
Proceeds from Sales of Trust Investments	966	821
Purchases of Trust Investments	(984)	(829)
Other	29	30
Net Cash Provided By (Used In) Investing Activities	(1,622)	(2,027)
CASH FLOWS FROM FINANCING ACTIVITIES		
Net Change in Commercial Paper and Loans	(651)	(272)
Issuance of Long-Term Debt	1,500	1,400
Redemption of Long-Term Debt	(600)	(400)
Cash Dividends Paid on Common Stock	(475)	(455)
Other	(60)	(83)
Net Cash Provided By (Used In) Financing Activities	(286)	190
Net Increase (Decrease) in Cash, Cash Equivalents and Restricted Cash	(84)	(204)
Cash, Cash Equivalents and Restricted Cash at Beginning of Period	199	315
Cash, Cash Equivalents and Restricted Cash at End of Period	\$ 115	\$ 111
Supplemental Disclosure of Cash Flow Information:		
Income Taxes Paid (Received)	\$ 25	\$ 52
Interest Paid, Net of Amounts Capitalized	\$ 256	\$ 205
Accrued Property, Plant and Equipment Expenditures	\$ 456	\$ 625

PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED
CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY
Millions
(Unaudited)

	Common Stock		Treasury Stock		Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Total
	Shs.	Amount	Shs.	Amount			
Balance as of March 31, 2019	534	\$ 4,969	(30)	\$ (839)	\$ 11,125	\$ (441)	\$ 14,814
Net Income	—	—	—	—	153	—	153
Other Comprehensive Income (Loss), net of tax (expense) benefit of \$(9)	—	—	—	—	—	9	9
Comprehensive Income							162
Cash Dividends at \$0.47 per share on Common Stock	—	—	—	—	(237)	—	(237)
Other	—	11	—	4	—	—	15
Balance as of June 30, 2019	<u>534</u>	<u>\$ 4,980</u>	<u>(30)</u>	<u>\$ (835)</u>	<u>\$ 11,041</u>	<u>\$ (432)</u>	<u>\$ 14,754</u>
Balance as of March 31, 2018	534	\$ 4,946	(30)	\$ (816)	\$ 10,385	\$ (411)	\$ 14,104
Net Income	—	—	—	—	269	—	269
Other Comprehensive Income (Loss), net of tax (expense) benefit of \$2	—	—	—	—	—	1	1
Comprehensive Income							270
Cash Dividends at \$0.45 per share on Common Stock	—	—	—	—	(228)	—	(228)
Other	—	9	—	3	—	—	12
Balance as of June 30, 2018	<u>534</u>	<u>\$ 4,955</u>	<u>(30)</u>	<u>\$ (813)</u>	<u>\$ 10,426</u>	<u>\$ (410)</u>	<u>\$ 14,158</u>

	Common Stock		Treasury Stock		Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Total
	Shs.	Amount	Shs.	Amount			
Balance as of December 31, 2018	534	\$ 4,980	(30)	\$ (808)	\$ 10,582	\$ (377)	\$ 14,377
Net Income	—	—	—	—	853	—	853
Cumulative Effect Adjustment to Reclassify Stranded Tax Effects Resulting from the Change in the Federal Corporate Income Tax Rate	—	—	—	—	81	(81)	—
Other Comprehensive Income (Loss), net of tax (expense) benefit of \$(25)	—	—	—	—	—	26	26
Comprehensive Income							879
Cash Dividends at \$0.94 per share on Common Stock	—	—	—	—	(475)	—	(475)
Other	—	—	—	(27)	—	—	(27)
Balance as of June 30, 2019	<u>534</u>	<u>\$ 4,980</u>	<u>(30)</u>	<u>\$ (835)</u>	<u>\$ 11,041</u>	<u>\$ (432)</u>	<u>\$ 14,754</u>
Balance as of December 31, 2017	534	\$ 4,961	(29)	\$ (763)	\$ 9,878	\$ (229)	\$ 13,847
Net Income	—	—	—	—	827	—	827
Cumulative Effect Adjustment to Reclassify Unrealized Net Gains on Equity Investments	—	—	—	—	176	(176)	—
Other Comprehensive Income (Loss), net of tax (expense) benefit of \$8	—	—	—	—	—	(5)	(5)
Comprehensive Income							822
Cash Dividends at \$0.90 per share on Common Stock	—	—	—	—	(455)	—	(455)
Other	—	(6)	(1)	(50)	—	—	(56)
Balance as of June 30, 2018	<u>534</u>	<u>\$ 4,955</u>	<u>(30)</u>	<u>\$ (813)</u>	<u>\$ 10,426</u>	<u>\$ (410)</u>	<u>\$ 14,158</u>

See Notes to Condensed Consolidated Financial Statements.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
Millions
(Unaudited)

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2019	2018	2019	2018
OPERATING REVENUES	\$ 1,382	\$ 1,386	\$ 3,414	\$ 3,231
OPERATING EXPENSES				
Energy Costs	529	488	1,476	1,270
Operation and Maintenance	369	353	777	744
Depreciation and Amortization	202	187	414	377
Total Operating Expenses	1,100	1,028	2,667	2,391
OPERATING INCOME	282	358	747	840
Net Gains (Losses) on Trust Investments	—	—	1	—
Other Income (Deductions)	19	20	38	40
Non-Operating Pension and OPEB Credits (Costs)	29	15	59	30
Interest Expense	(89)	(82)	(176)	(163)
INCOME BEFORE INCOME TAXES	241	311	669	747
Income Tax Benefit (Expense)	(14)	(80)	(39)	(197)
NET INCOME	\$ 227	\$ 231	\$ 630	\$ 550

See disclosures regarding Public Service Electric and Gas Company included in the Notes to Condensed Consolidated Financial Statements.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
Millions
(Unaudited)

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2019	2018	2019	2018
NET INCOME	\$ 227	\$ 231	\$ 630	\$ 550
Unrealized Gains (Losses) on Available-for-Sale Securities, net of tax (expense) benefit of \$(1), \$0, \$(1) and \$0 for the three and six months ended 2019 and 2018, respectively	1	1	2	—
COMPREHENSIVE INCOME	\$ 228	\$ 232	\$ 632	\$ 550

See disclosures regarding Public Service Electric and Gas Company included in the Notes to Condensed Consolidated Financial Statements.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
CONDENSED CONSOLIDATED BALANCE SHEETS

Millions
(Unaudited)

	June 30, 2019	December 31, 2018
ASSETS		
CURRENT ASSETS		
Cash and Cash Equivalents	\$ 23	\$ 39
Accounts Receivable, net of allowances of \$68 in 2019 and \$63 in 2018	850	879
Tax Receivable	—	20
Accounts Receivable—Affiliated Companies	4	123
Unbilled Revenues	193	240
Materials and Supplies, net	215	196
Prepayments	220	10
Regulatory Assets	419	389
Other	21	11
Total Current Assets	1,945	1,907
PROPERTY, PLANT AND EQUIPMENT	32,688	31,633
Less: Accumulated Depreciation and Amortization	(6,431)	(6,277)
Net Property, Plant and Equipment	26,257	25,356
NONCURRENT ASSETS		
Regulatory Assets	3,465	3,399
Operating Lease Right-of-Use Assets	88	—
Long-Term Investments	265	270
Rabbi Trust Fund	48	45
Other	117	132
Total Noncurrent Assets	3,983	3,846
TOTAL ASSETS	\$ 32,185	\$ 31,109

See disclosures regarding Public Service Electric and Gas Company included in the Notes to Condensed Consolidated Financial Statements.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
CONDENSED CONSOLIDATED BALANCE SHEETS
Millions
(Unaudited)

	June 30, 2019	December 31, 2018
LIABILITIES AND CAPITALIZATION		
CURRENT LIABILITIES		
Long-Term Debt Due Within One Year	\$ 250	\$ 500
Commercial Paper and Loans	190	272
Accounts Payable	554	713
Accounts Payable—Affiliated Companies	184	321
Accrued Interest	88	84
Clean Energy Program	231	143
Obligation to Return Cash Collateral	126	136
Regulatory Liabilities	319	311
Other	431	345
Total Current Liabilities	2,373	2,825
NONCURRENT LIABILITIES		
Deferred Income Taxes and ITC	4,032	3,830
Regulatory Liabilities	3,056	3,221
Operating Leases	78	—
Asset Retirement Obligations	302	302
OPEB Costs	477	486
Accrued Pension Costs	383	400
Environmental Costs	284	268
Long-Term Accrued Taxes	102	69
Other	136	124
Total Noncurrent Liabilities	8,850	8,700
COMMITMENTS AND CONTINGENT LIABILITIES (See Note 11)		
CAPITALIZATION		
LONG-TERM DEBT	9,430	8,684
STOCKHOLDER'S EQUITY		
Common Stock; 150 shares authorized; issued and outstanding, 2019 and 2018—132 shares	892	892
Contributed Capital	1,095	1,095
Basis Adjustment	986	986
Retained Earnings	8,558	7,928
Accumulated Other Comprehensive Income (Loss)	1	(1)
Total Stockholder's Equity	11,532	10,900
Total Capitalization	20,962	19,584
TOTAL LIABILITIES AND CAPITALIZATION	\$ 32,185	\$ 31,109

See disclosures regarding Public Service Electric and Gas Company included in the Notes to Condensed Consolidated Financial Statements.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
Millions
(Unaudited)

	Six Months Ended June 30,	
	2019	2018
CASH FLOWS FROM OPERATING ACTIVITIES		
Net Income	\$ 630	\$ 550
Adjustments to Reconcile Net Income to Net Cash Flows from Operating Activities:		
Depreciation and Amortization	414	377
Provision for Deferred Income Taxes and ITC	10	160
Non-Cash Employee Benefit Plan (Credits) Costs	(19)	19
Cost of Removal	(61)	(84)
Net Change in Regulatory Assets and Liabilities	84	(58)
Net Change in Certain Current Assets and Liabilities:		
Accounts Receivable and Unbilled Revenues	75	195
Materials and Supplies	(21)	2
Prepayments	(194)	(161)
Accounts Payable	(97)	(30)
Accounts Receivable/Payable—Affiliated Companies, net	—	(204)
Other Current Assets and Liabilities	27	66
Employee Benefit Plan Funding and Related Payments	(15)	(50)
Other	5	(20)
Net Cash Provided By (Used In) Operating Activities	838	762
CASH FLOWS FROM INVESTING ACTIVITIES		
Additions to Property, Plant and Equipment	(1,258)	(1,447)
Proceeds from Sales of Trust Investments	19	9
Purchases of Trust Investments	(17)	(10)
Solar Loan Investments	(1)	(11)
Other	4	3
Net Cash Provided By (Used In) Investing Activities	(1,253)	(1,456)
CASH FLOWS FROM FINANCING ACTIVITIES		
Net Change in Commercial Paper and Loans	(82)	195
Issuance of Long-Term Debt	750	700
Redemption of Long-Term Debt	(250)	(400)
Other	(8)	(9)
Net Cash Provided By (Used In) Financing Activities	410	486
Net Increase (Decrease) In Cash, Cash Equivalents and Restricted Cash	(5)	(208)
Cash, Cash Equivalents and Restricted Cash at Beginning of Period	61	244
Cash, Cash Equivalents and Restricted Cash at End of Period	\$ 56	\$ 36
Supplemental Disclosure of Cash Flow Information:		
Income Taxes Paid (Received)	\$ (107)	\$ 97
Interest Paid, Net of Amounts Capitalized	\$ 168	\$ 157
Accrued Property, Plant and Equipment Expenditures	\$ 289	\$ 436

See disclosures regarding Public Service Electric and Gas Company included in the Notes to Condensed Consolidated Financial Statements.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDER'S EQUITY
Millions
(Unaudited)

	Common Stock	Contributed Capital	Basis Adjustment	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Total
Balance as of March 31, 2019	\$ 892	\$ 1,095	\$ 986	\$ 8,331	\$ —	\$ 11,304
Net Income	—	—	—	227	—	227
Other Comprehensive Income (Loss), net of tax (expense) benefit of \$(1)	—	—	—	—	1	1
Comprehensive Income						228
Balance as of June 30, 2019	<u>\$ 892</u>	<u>\$ 1,095</u>	<u>\$ 986</u>	<u>\$ 8,558</u>	<u>\$ 1</u>	<u>\$ 11,532</u>
Balance as of March 31, 2018	\$ 892	\$ 1,095	\$ 986	\$ 7,180	\$ (1)	\$ 10,152
Net Income	—	—	—	231	—	231
Other Comprehensive Income (Loss), net of tax (expense) benefit of \$0	—	—	—	—	1	1
Comprehensive Income						232
Balance as of June 30, 2018	<u>\$ 892</u>	<u>\$ 1,095</u>	<u>\$ 986</u>	<u>\$ 7,411</u>	<u>\$ —</u>	<u>\$ 10,384</u>

	Common Stock	Contributed Capital	Basis Adjustment	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Total
Balance as of December 31, 2018	\$ 892	\$ 1,095	\$ 986	\$ 7,928	\$ (1)	\$ 10,900
Net Income	—	—	—	630	—	630
Other Comprehensive Income (Loss), net of tax (expense) benefit of \$(1)	—	—	—	—	2	2
Comprehensive Income						632
Balance as of June 30, 2019	<u>\$ 892</u>	<u>\$ 1,095</u>	<u>\$ 986</u>	<u>\$ 8,558</u>	<u>\$ 1</u>	<u>\$ 11,532</u>
Balance as of December 31, 2017	\$ 892	\$ 1,095	\$ 986	\$ 6,861	\$ —	\$ 9,834
Net Income	—	—	—	550	—	550
Other Comprehensive Income (Loss), net of tax (expense) benefit of \$0	—	—	—	—	—	—
Comprehensive Income						550
Balance as of June 30, 2018	<u>\$ 892</u>	<u>\$ 1,095</u>	<u>\$ 986</u>	<u>\$ 7,411</u>	<u>\$ —</u>	<u>\$ 10,384</u>

See disclosures regarding Public Service Electric and Gas Company included in the Notes to Condensed Consolidated Financial Statements.

PSEG POWER LLC
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
Millions
(Unaudited)

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2019	2018	2019	2018
OPERATING REVENUES	\$ 1,083	\$ 767	\$ 2,499	\$ 2,170
OPERATING EXPENSES				
Energy Costs	411	373	1,197	1,119
Operation and Maintenance	268	268	503	514
Depreciation and Amortization	95	84	189	166
Loss on Asset Dispositions	395	—	395	—
Total Operating Expenses	1,169	725	2,284	1,799
OPERATING INCOME (LOSS)	(86)	42	215	371
Income from Equity Method Investments	5	5	7	7
Net Gains (Losses) on Trust Investments	38	8	164	(14)
Other Income (Deductions)	15	13	28	24
Non-Operating Pension and OPEB Credits (Costs)	3	3	6	7
Interest Expense	(26)	(11)	(51)	(18)
INCOME (LOSS) BEFORE INCOME TAXES	(51)	60	369	377
Income Tax Benefit (Expense)	11	(19)	(113)	(102)
NET INCOME (LOSS)	\$ (40)	\$ 41	\$ 256	\$ 275

See disclosures regarding PSEG Power LLC included in the Notes to Condensed Consolidated Financial Statements.

PSEG POWER LLC
CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS)
Millions
(Unaudited)

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2019	2018	2019	2018
NET INCOME (LOSS)	\$ (40)	\$ 41	\$ 256	\$ 275
Other Comprehensive Income (Loss), net of tax				
Unrealized Gains (Losses) on Available-for-Sale Securities, net of tax (expense) benefit of \$(11), \$3, \$(22) and \$11 for the three and six months ended 2019 and 2018, respectively	15	(4)	31	(15)
Pension/OPEB adjustment, net of tax (expense) benefit of \$(1), \$(2), \$(5) and \$(5) for the three and six months ended 2019 and 2018, respectively	3	6	3	12
Other Comprehensive Income (Loss), net of tax	18	2	34	(3)
COMPREHENSIVE INCOME (LOSS)	\$ (22)	\$ 43	\$ 290	\$ 272

See disclosures regarding PSEG Power LLC included in the Notes to Condensed Consolidated Financial Statements.

PSEG POWER LLC
CONDENSED CONSOLIDATED BALANCE SHEETS
Millions
(Unaudited)

	June 30, 2019	December 31, 2018
ASSETS		
CURRENT ASSETS		
Cash and Cash Equivalents	\$ 14	\$ 22
Accounts Receivable	216	477
Accounts Receivable—Affiliated Companies	217	274
Short-Term Loan to Affiliate	348	—
Fuel	235	331
Materials and Supplies, net	357	373
Prepayments	13	14
Derivative Contracts	83	11
Assets Held for Sale	74	—
Other	10	5
Total Current Assets	1,567	1,507
PROPERTY, PLANT AND EQUIPMENT	11,684	12,224
Less: Accumulated Depreciation and Amortization	(3,215)	(3,382)
Net Property, Plant and Equipment	8,469	8,842
NONCURRENT ASSETS		
Operating Lease Right-of-Use Assets	75	—
Long-Term Investments	88	86
NDT Fund	2,118	1,878
Rabbi Trust Fund	61	56
Goodwill	16	16
Other Intangibles	162	143
Derivative Contracts	79	1
Other	69	65
Total Noncurrent Assets	2,668	2,245
TOTAL ASSETS	\$ 12,704	\$ 12,594

See disclosures regarding PSEG Power LLC included in the Notes to Condensed Consolidated Financial Statements.

PSEG POWER LLC
CONDENSED CONSOLIDATED BALANCE SHEETS
Millions
(Unaudited)

	June 30, 2019	December 31, 2018
LIABILITIES AND MEMBER'S EQUITY		
CURRENT LIABILITIES		
Long-Term Debt Due Within One Year	\$ 406	\$ 44
Accounts Payable	450	498
Accounts Payable—Affiliated Companies	22	16
Short-Term Loan from Affiliate	—	193
Derivative Contracts	24	11
Accrued Interest	21	21
Liabilities Held for Sale	26	—
Other	76	59
Total Current Liabilities	1,025	842
NONCURRENT LIABILITIES		
Deferred Income Taxes and ITC	1,776	1,619
Operating Leases	65	—
Asset Retirement Obligations	761	758
OPEB Costs	177	176
Accrued Pension Costs	240	246
Derivative Contracts	5	4
Long-Term Accrued Taxes	103	76
Other	121	122
Total Noncurrent Liabilities	3,248	3,001
COMMITMENTS AND CONTINGENT LIABILITIES (See Note 11)		
LONG-TERM DEBT	2,431	2,791
MEMBER'S EQUITY		
Contributed Capital	2,214	2,214
Basis Adjustment	(986)	(986)
Retained Earnings	5,126	5,051
Accumulated Other Comprehensive Loss	(354)	(319)
Total Member's Equity	6,000	5,960
TOTAL LIABILITIES AND MEMBER'S EQUITY	\$ 12,704	\$ 12,594

See disclosures regarding PSEG Power LLC included in the Notes to Condensed Consolidated Financial Statements.

PSEG POWER LLC
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
Millions
(Unaudited)

	Six Months Ended June 30,	
	2019	2018
CASH FLOWS FROM OPERATING ACTIVITIES		
Net Income	\$ 256	\$ 275
Adjustments to Reconcile Net Income (Loss) to Net Cash Flows from Operating Activities:		
Depreciation and Amortization	189	166
Amortization of Nuclear Fuel	89	95
Loss on Asset Dispositions	395	—
Emission Allowances and REC Compliance Accrual	46	46
Provision for Deferred Income Taxes and ITC	131	51
Non-Cash Employee Benefit Plan (Credits) Costs	9	11
Interest Accretion on Asset Retirement Obligation	20	20
Net Realized and Unrealized (Gains) Losses on Energy Contracts and Other Derivatives	(320)	(54)
Net (Gains) Losses and (Income) Expense from NDT Fund	(189)	(8)
Net Change in Certain Current Assets and Liabilities:		
Fuel, Materials and Supplies	90	71
Margin Deposit	392	24
Accounts Receivable	49	84
Accounts Payable	(88)	(90)
Accounts Receivable/Payable—Affiliated Companies, net	90	227
Other Current Assets and Liabilities	3	(35)
Employee Benefit Plan Funding and Related Payments	(6)	(5)
Other	(6)	(9)
Net Cash Provided By (Used In) Operating Activities	1,150	869
CASH FLOWS FROM INVESTING ACTIVITIES		
Additions to Property, Plant and Equipment	(339)	(547)
Purchase of Emission Allowances and RECs	(29)	(44)
Proceeds from Sales of Trust Investments	901	785
Purchases of Trust Investments	(921)	(793)
Short-Term Loan—Affiliated Company	(348)	(519)
Other	22	23
Net Cash Provided By (Used In) Investing Activities	(714)	(1,095)
CASH FLOWS FROM FINANCING ACTIVITIES		
Issuance of Long-Term Debt	—	700
Cash Dividend Paid	(250)	(200)
Short-Term Loan—Affiliated Company	(193)	(281)
Other	(1)	(5)
Net Cash Provided By (Used In) Financing Activities	(444)	214
Net Increase (Decrease) in Cash, Cash Equivalents and Restricted Cash	(8)	(12)
Cash, Cash Equivalents and Restricted Cash at Beginning of Period	22	32
Cash, Cash Equivalents and Restricted Cash at End of Period	\$ 14	\$ 20
Supplemental Disclosure of Cash Flow Information:		
Income Taxes Paid (Received)	\$ (10)	\$ (72)
Interest Paid, Net of Amounts Capitalized	\$ 50	\$ 18
Accrued Property, Plant and Equipment Expenditures	\$ 167	\$ 189

See disclosures regarding PSEG Power LLC included in the Notes to the Condensed Consolidated Financial Statements.

PSEG POWER LLC
CONDENSED CONSOLIDATED STATEMENTS OF MEMBER'S EQUITY
Millions
(Unaudited)

	Contributed Capital	Basis Adjustment	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Total
Balance as of March 31, 2019	\$ 2,214	\$ (986)	\$ 5,166	\$ (372)	\$ 6,022
Net Loss	—	—	(40)	—	(40)
Other Comprehensive Income (Loss), net of tax (expense) benefit of \$(12)	—	—	—	18	18
Comprehensive Loss					(22)
Cash Dividends Paid	—	—	—	—	—
Balance as of June 30, 2019	<u>\$ 2,214</u>	<u>\$ (986)</u>	<u>\$ 5,126</u>	<u>\$ (354)</u>	<u>\$ 6,000</u>
Balance as of March 31, 2018	\$ 2,214	\$ (986)	\$ 5,320	\$ (352)	\$ 6,196
Net Income	—	—	41	—	41
Other Comprehensive Income (Loss), net of tax (expense) benefit of \$1	—	—	—	2	2
Comprehensive Income					43
Cash Dividends Paid	—	—	(200)	—	(200)
Balance as of June 30, 2018	<u>\$ 2,214</u>	<u>\$ (986)</u>	<u>\$ 5,161</u>	<u>\$ (350)</u>	<u>\$ 6,039</u>

	Contributed Capital	Basis Adjustment	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Total
Balance as of December 31, 2018	\$ 2,214	\$ (986)	\$ 5,051	\$ (319)	\$ 5,960
Net Income	—	—	256	—	256
Cumulative Effect Adjustment to Reclassify Stranded Tax Effects Resulting from the Change in the Federal Corporate Income Tax Rate	—	—	69	(69)	—
Other Comprehensive Income (Loss), net of tax (expense) benefit of \$(27)	—	—	—	34	34
Comprehensive Income					290
Cash Dividends Paid	—	—	(250)	—	(250)
Balance as of June 30, 2019	<u>\$ 2,214</u>	<u>\$ (986)</u>	<u>\$ 5,126</u>	<u>\$ (354)</u>	<u>\$ 6,000</u>
Balance as of December 31, 2017	\$ 2,214	\$ (986)	\$ 4,911	\$ (172)	\$ 5,967
Net Income	—	—	275	—	275
Cumulative Effect Adjustment to Reclassify Unrealized Net Gains on Equity Investments	—	—	175	(175)	—
Other Comprehensive Income (Loss), net of tax (expense) benefit of \$6	—	—	—	(3)	(3)
Comprehensive Income					272
Cash Dividends Paid	—	—	(200)	—	(200)
Balance as of June 30, 2018	<u>\$ 2,214</u>	<u>\$ (986)</u>	<u>\$ 5,161</u>	<u>\$ (350)</u>	<u>\$ 6,039</u>

See disclosures regarding PSEG Power LLC included in the Notes to the Condensed Consolidated Financial Statements.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

Note 1. Organization, Basis of Presentation and Significant Accounting Policies

Organization

Public Service Enterprise Group Incorporated (PSEG) is a holding company with a diversified business mix within the energy industry. Its operations are primarily in the Northeastern and Mid-Atlantic United States and in other select markets. PSEG's principal direct wholly owned subsidiaries are:

- **Public Service Electric and Gas Company (PSE&G)** —which is a public utility engaged principally in the transmission of electricity and distribution of electricity and natural gas in certain areas of New Jersey. PSE&G is subject to regulation by the New Jersey Board of Public Utilities (BPU) and the Federal Energy Regulatory Commission (FERC). PSE&G also invests in regulated solar generation projects and energy efficiency and related programs in New Jersey, which are regulated by the BPU.
- **PSEG Power LLC (PSEG Power)** —which is a multi-regional energy supply company that integrates the operations of its merchant nuclear and fossil generating assets with its power marketing businesses and fuel supply functions through competitive energy sales in well-developed energy markets primarily in the Northeast and Mid-Atlantic United States through its principal direct wholly owned subsidiaries. In addition, PSEG Power owns and operates solar generation in various states. PSEG Power's subsidiaries are subject to regulation by FERC, the Nuclear Regulatory Commission, the Environmental Protection Agency (EPA) and the states in which they operate.

PSEG's other direct wholly owned subsidiaries are: PSEG Long Island LLC (PSEG LI), which operates the Long Island Power Authority's (LIPA) electric transmission and distribution (T&D) system under an Operations Services Agreement (OSA); PSEG Energy Holdings L.L.C. (Energy Holdings), which primarily has investments in leveraged leases; and PSEG Services Corporation (Services), which provides certain management, administrative and general services to PSEG and its subsidiaries at cost.

Basis of Presentation

The financial statements included herein have been prepared pursuant to the rules and regulations of the Securities and Exchange Commission (SEC) applicable to Quarterly Reports on Form 10-Q. Certain information and note disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States (GAAP) have been condensed or omitted pursuant to such rules and regulations. These Condensed Consolidated Financial Statements and Notes to Condensed Consolidated Financial Statements (Notes) should be read in conjunction with, and update and supplement matters discussed in, the Annual Report on Form 10-K for the year ended December 31, 2018 .

The unaudited condensed consolidated financial information furnished herein reflects all adjustments which are, in the opinion of management, necessary to fairly state the results for the interim periods presented. All such adjustments are of a normal recurring nature. All significant intercompany accounts and transactions are eliminated in consolidation. The year-end Condensed Consolidated Balance Sheets were derived from the audited Consolidated Financial Statements included in the Annual Report on Form 10-K for the year ended December 31, 2018 .

Significant Accounting Policies

Cash, Cash Equivalents and Restricted Cash

Cash equivalents consist of short-term, highly liquid investments with original maturities of three months or less. Restricted cash consists primarily of deposits received related to various construction projects at PSE&G.

The following provides a reconciliation of cash, cash equivalents and restricted cash reported within the Condensed Consolidated Balance Sheets that sum to the total of the same such amounts for the beginning (December 31, 2018) and ending periods shown in the Condensed Consolidated Statements of Cash Flows for the six months ended June 30, 2019 .

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

	PSE&G	PSEG Power	Other (A)	Consolidated
	Millions			
As of December 31, 2018				
Cash and Cash Equivalents	\$ 39	\$ 22	\$ 116	\$ 177
Restricted Cash in Other Current Assets	8	—	—	8
Restricted Cash in Other Noncurrent Assets	14	—	—	14
Cash, Cash Equivalents and Restricted Cash	\$ 61	\$ 22	\$ 116	\$ 199
As of June 30, 2019				
Cash and Cash Equivalents	\$ 23	\$ 14	\$ 45	\$ 82
Restricted Cash in Other Current Assets	16	—	—	16
Restricted Cash in Other Noncurrent Assets	17	—	—	17
Cash, Cash Equivalents and Restricted Cash	\$ 56	\$ 14	\$ 45	\$ 115

(A) Includes amounts applicable to PSEG (parent corporation), Energy Holdings and Services.

Note 2. Recent Accounting Standards

New Standards Issued and Adopted

Leases — Accounting Standards Update (ASU) 2016-02, updated by ASUs 2018-01, 2018-10, 2018-11, 2018-20 and 2019-01

This accounting standard, and related updates, replace existing lease accounting guidance and require lessees to recognize leases with a term greater than 12 months on the balance sheet using a right-of-use asset approach. At lease commencement, a lessee will recognize a lease asset and corresponding lease obligation. A lessee will classify its leases as either finance leases or operating leases and a lessor will classify its leases as operating leases, direct financing leases, or as sales-type leases. The standard requires additional disclosure of key information. Existing guidance related to leveraged leases does not change.

PSEG adopted the optional transition method on January 1, 2019. There was no cumulative effect adjustment required to be recorded to Retained Earnings at adoption. The optional transition method requires disclosure under Accounting Standards Codification (ASC) 840—Leases, the previously existing lease guidance for prior periods.

PSEG elected various practical expedients allowed by the standard, including the package of three practical expedients related to not reassessing existing or expired contracts and initial direct costs; and excluding evaluation of land easements that exist or expired before adoption that were not previously accounted for as leases.

The impact of adoption on PSEG's Consolidated Balance Sheet was to record Operating Lease Right-of-Use Assets of \$261 million and Operating Lease Liabilities of \$282 million. As part of that impact, PSEG reclassified deferred rent incentives and deferred rent liabilities of approximately \$21 million, which were previously classified as Other Noncurrent Liabilities, to Operating Lease Right-of-Use Assets in accordance with this standard. PSE&G's assets and liabilities each increased by \$91 million and PSEG Power's assets and liabilities each increased by \$46 million. PSEG's adoption of this standard did not have a material impact on the Consolidated Statements of Operations or Consolidated Statements of Cash Flows of PSEG, PSE&G and PSEG Power. See Note 7. Leases for additional information.

Derivatives and Hedging: Targeted Improvements to Accounting for Hedging Activities—ASU 2017-12, updated by ASU 2018-16, 2019-04

This accounting standard's amendments more closely align hedge accounting with companies' risk management activities in the financial statements and ease the operational burden of applying hedge accounting.

PSEG adopted this standard on January 1, 2019. The standard requires using a modified retrospective method upon adoption. PSEG analyzed the impact of this standard on its consolidated financial statements and has determined that the standard could enable PSEG to enter into certain transactions that can be deemed hedges that previously would not have qualified. Adoption of this standard did not have a material impact on PSEG's financial statements.

Premium Amortization on Purchased Callable Debt Securities—ASU 2017-08

This accounting standard was issued to shorten the amortization period for certain callable debt securities held at a premium. Specifically, the standard requires the premium to be amortized to the earliest call date.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

PSEG adopted this standard on January 1, 2019 on a modified retrospective basis through a cumulative effect adjustment directly to Retained Earnings as of the beginning of 2019. Adoption of this standard did not have a material impact on PSEG's financial statements.

Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income—ASU 2018-02

This accounting standard affects any entity that is required to apply the provisions of the ASC topic, "Income Statement-Reporting Comprehensive Income," and has items of Other Comprehensive Income for which the related tax effects are presented in Other Comprehensive Income as required by GAAP. Specifically, this standard allows entities to record a reclassification from Accumulated Other Comprehensive Income to Retained Earnings for stranded tax effects resulting from the recent decrease in the federal corporate income tax rate.

PSEG adopted this standard on January 1, 2019. The impact of adoption on PSEG's Consolidated Balance Sheet was to increase Retained Earnings and Accumulated Other Comprehensive Loss by approximately \$81 million. PSEG Power's Retained Earnings and Accumulated Other Comprehensive Loss increased by approximately \$69 million. The impact on PSE&G's Consolidated Balance Sheet was immaterial. PSEG's adoption of this standard did not have a material impact on the Consolidated Statements of Operations or Consolidated Statements of Cash Flows of PSEG, PSE&G and PSEG Power.

New Standards Issued But Not Yet Adopted

Measurement of Credit Losses on Financial Instruments — ASU 2016-13, updated by ASU 2018-19, 2019-04 and 2019-05

This accounting standard provides a new model for recognizing credit losses on financial assets carried at amortized cost. The new model requires entities to use an estimate of expected credit losses that will be recognized as an impairment allowance rather than a direct write-down of the amortized cost basis. The estimate of expected credit losses is to be based on past events, current conditions and supportable forecasts over a reasonable period. For purchased financial assets with credit deterioration, a similar model is to be used; however, the initial allowance will be added to the purchase price rather than reported as an allowance. Credit losses on available-for-sale securities should be measured in a manner similar to current GAAP; however, this standard requires those credit losses to be presented as an allowance, rather than a write-down. This new standard also requires additional disclosures of credit quality indicators for each class of financial asset disaggregated by year of origination.

The standard is effective for annual and interim periods beginning after December 15, 2019. PSEG is analyzing its financial statements and determining the appropriate methods for calculating credit losses on its various classes of assets.

Disclosure Framework — Changes to the Disclosure Requirements for Fair Value Measurement — ASU 2018-13

This accounting standard modifies the disclosure requirements for fair value measurements. Certain current disclosure requirements relating to Level 3 fair value measurements, and transfers between Level 1 and Level 2 fair value measurements will be eliminated. The standard will also add certain other disclosure requirements for Level 3 fair value measurements.

The standard is effective for annual and interim periods beginning after December 15, 2019. Certain amendments in the standard should be applied prospectively for only the most recent interim or annual period presented in the initial fiscal year of adoption. All other amendments of the standard should be applied retrospectively to all periods presented upon their effective date. Early adoption is permitted. PSEG is currently analyzing the impact of this standard on its financial statements.

Customer's Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That Is a Service Contract — ASU 2018-15

This accounting standard aligns the capitalization requirements for implementation costs incurred in a hosting arrangement that is a service contract with capitalization requirements for implementation costs incurred to develop or obtain internal-use software, including hosting arrangements that include an internal-use software license. The standard follows the guidance in ASC 350—Intangibles—Goodwill and Other to determine which implementation costs to capitalize as an asset related to the service contract and which costs to expense. The standard requires the amortization of capitalized costs to be presented in Operation and Maintenance (O&M) Expense. In addition, the standard also adds presentation requirements for these costs in the statements of cash flows and financial position.

The standard is effective for annual and interim periods beginning after December 15, 2019. Early adoption is permitted, including adoption in any interim period. This standard should be applied either retrospectively or prospectively to all implementation costs incurred after the date of adoption. PSEG is currently analyzing the impact of this standard on its financial statements.

Targeted Improvements to Related Party Guidance for Variable Interest Entities (VIE) - ASU 2018-17

This accounting standard improves the VIE guidance in the area of decision-making fees. Consistent with how indirect interests held through related parties under common control are considered for determining whether a reporting entity must consolidate a

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

VIE, indirect interests held through related parties in common control arrangements should be considered on a proportional basis for determining whether fees paid to decision makers and service providers are variable interests.

This standard is effective for annual and interim periods beginning after December 15, 2019. The standard is required to be applied retrospectively with a cumulative effect adjustment to Retained Earnings at the beginning of the earliest period presented. Early adoption is permitted. PSEG is currently analyzing the impact of this standard on its financial statements.

Simplifying the Test for Goodwill Impairment — ASU 2017-04

This accounting standard requires an entity to perform its annual or interim goodwill impairment test by comparing the fair value of a reporting unit with its carrying amount. An entity should recognize an impairment charge for the amount by which the carrying amount exceeds the reporting unit's fair value; however, the loss recognized should not exceed the total amount of goodwill allocated to that reporting unit. Additionally, an entity should consider income tax effects from any tax deductible goodwill on the carrying amount of the reporting unit when measuring the goodwill impairment loss, if applicable.

An entity should apply this standard on a prospective basis and will be required to disclose the nature of and reason for the change in accounting principle upon transition. The new standard is effective for impairment tests for periods beginning January 1, 2020. Early adoption is permitted for interim or annual goodwill impairment tests performed on testing dates after January 1, 2017. PSEG does not expect adoption of this standard to have a material impact on its financial statements.

Disclosure Framework — Changes to the Disclosure Requirements for Defined Benefit Plans — ASU 2018-14

This accounting standard modifies the disclosure requirements for employers that sponsor defined benefit pension or other postretirement plans, including the elimination of certain current disclosure requirements. Certain other disclosure requirements related to interest crediting rates have been added and certain clarifications were made to other disclosure requirements.

The standard is effective for fiscal years ending after December 15, 2020 and early adoption is permitted. An entity should apply the amendments in this standard on a retrospective basis to all periods presented. PSEG is currently analyzing the impact of this standard on its financial statements.

Note 3. Revenues

Nature of Goods and Services

The following is a description of principal activities by reportable segment from which PSEG, PSE&G and PSEG Power generate their revenues.

PSE&G

Revenues from Contracts with Customers

Electric and Gas Distribution and Transmission Revenues — PSE&G sells gas and electricity to customers under default commodity supply tariffs. PSE&G's regulated electric and gas default commodity supply and distribution services are separate tariffs which are satisfied as the product(s) and/or services are delivered to the customer. The electric and gas commodity and delivery tariffs are recurring contracts in effect until modified through the regulatory approval process as appropriate. Revenue is recognized over time as the service is rendered to the customer. Included in PSE&G's regulated revenues are unbilled electric and gas revenues which represent the estimated amount customers will be billed for services rendered from the most recent meter reading to the end of the respective accounting period.

PSE&G's transmission revenues are earned under a separate tariff using a FERC-approved annual formula rate mechanism. The performance obligation of transmission service is satisfied and revenue is recognized as it is provided to the customer. The formula rate mechanism provides for an annual filing of an estimated revenue requirement with rates effective January 1 of each year and a true-up to that estimate based on actual revenue requirements. The true-up mechanism is an alternative revenue which is outside the scope of revenue from contracts with customers.

Other Revenues from Contracts with Customers

Other revenues from contracts with customers, which are not a material source of PSE&G revenues, are generated primarily from appliance repair services and solar generation projects. The performance obligations under these contracts are satisfied and revenue is recognized as control of products is delivered or services are rendered.

Payment for services rendered and products transferred are typically due within 30 days of month of delivery.

Revenues Unrelated to Contracts with Customers

Other PSE&G revenues unrelated to contracts with customers are derived from alternative revenue mechanisms recorded

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

pursuant to regulatory accounting guidance. These revenues, which include weather normalization, green energy program true-ups and transmission formula rate true-ups, are not a material source of PSE&G revenues.

PSEG Power

Revenues from Contracts with Customers

Electricity and Related Products — Wholesale and retail load contracts are executed in the different Independent System Operator (ISO) regions for the bundled supply of energy, capacity, renewable energy credits (RECs) and ancillary services representing PSEG Power's performance obligations. Revenue for these contracts is recognized over time as the bundled service is provided to the customer. Transaction terms generally run from several months to three years. PSEG Power also sells to the ISOs energy and ancillary services which are separately transacted in the day-ahead or real-time energy markets. The energy and ancillary services performance obligations are typically satisfied over time as delivered and revenue is recognized accordingly. PSEG Power generally reports electricity sales and purchases conducted with those individual ISOs net on an hourly basis in either Operating Revenues or Energy Costs in its Condensed Consolidated Statements of Operations. The classification depends on the net hourly activity.

PSEG Power enters into capacity sales and capacity purchases through the ISOs. The transactions are reported on a net basis dependent on PSEG Power's monthly net sale or purchase position through the individual ISOs. The performance obligations with the ISOs are satisfied over time upon delivery of the capacity and revenue is recognized accordingly. In addition to capacity sold through the ISOs, PSEG Power sells capacity through bilateral contracts and the related revenue is reported on a gross basis and recognized over time upon delivery of the capacity.

In April 2019, PSEG Power's Salem 1, Salem 2 and Hope Creek nuclear plants were awarded Zero Emission Certificates (ZECs) by the BPU. These nuclear plants are expected to receive ZEC revenue for approximately three years, through May 2022 from the electric distribution companies (EDCs) in New Jersey. PSEG Power recognizes revenue when the units generate electricity, which is when the performance obligation is satisfied. See Note 4. Early Plant Retirements/Asset Dispositions for additional information.

Gas Contracts — PSEG Power sells wholesale natural gas, primarily through an index based full requirements Basic Gas Supply Service (BGSS) contract with PSE&G to meet the gas supply requirements of PSE&G's customers. The BGSS contract remains in effect unless terminated by either party with a two-year notice. The performance obligation is primarily delivery of gas which is satisfied over time. Revenue is recognized as gas is delivered. Based upon the availability of natural gas, storage and pipeline capacity beyond PSE&G's daily needs, PSEG Power also sells gas and pipeline capacity to other counterparties under bilateral contracts. The performance obligation under these contracts is satisfied over time upon delivery of the gas or capacity, and revenue is recognized accordingly.

Other Revenues from Contracts with Customers

PSEG Power enters into bilateral contracts to sell solar power and solar RECs from its solar facilities. Contract terms range from 15 to 30 years. The performance obligations are generally solar power and RECs which are transferred to customers upon generation. Revenue is recognized upon generation of the solar power.

PSEG Power has entered into long-term contracts with LIPA for energy management and fuel procurement services. Revenue is recognized over time as services are rendered.

Revenues Unrelated to Contracts with Customers

PSEG Power's revenues unrelated to contracts with customers include electric, gas and certain energy-related transactions accounted for in accordance with Derivatives and Hedging accounting guidance. See Note 13. Financial Risk Management Activities for further discussion. PSEG Power is also a party to solar contracts that qualify as leases and are accounted for in accordance with lease accounting guidance.

Other

Revenues from Contracts with Customers

PSEG LI has a contract with LIPA which generates revenues. PSEG LI's subsidiary, Long Island Electric Utility Servco, LLC (Servco) records costs which are recovered from LIPA and records the recovery of those costs as revenues when Servco is a principal in the transaction.

Revenues Unrelated to Contracts with Customers

Energy Holdings generates lease revenues which are recorded pursuant to lease accounting guidance.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Disaggregation of Revenues

	PSE&G	PSEG Power	Other	Eliminations	Consolidated
Millions					
Three Months Ended June 30, 2019					
Revenues from Contracts with Customers					
Electric Distribution	\$ 775	\$ —	\$ —	\$ —	\$ 775
Gas Distribution	211	—	—	(3)	208
Transmission	304	—	—	—	304
Electricity and Related Product Sales					
PJM					
Third Party Sales	—	423	—	—	423
Sales to Affiliates	—	130	—	(130)	—
New York ISO	—	29	—	—	29
ISO New England	—	27	—	—	27
Gas Sales					
Third Party Sales	—	11	—	—	11
Sales to Affiliates	—	102	—	(102)	—
Other Revenues from Contracts with Customers (A)	68	14	134	(1)	215
Total Revenues from Contracts with Customers	1,358	736	134	(236)	1,992
Revenues Unrelated to Contracts with Customers (B)	24	347	(47)	—	324
Total Operating Revenues	\$ 1,382	\$ 1,083	\$ 87	\$ (236)	\$ 2,316

	PSE&G	PSEG Power	Other	Eliminations	Consolidated
Millions					
Six Months Ended June 30, 2019					
Revenues from Contracts with Customers					
Electric Distribution	\$ 1,517	\$ —	\$ —	\$ —	\$ 1,517
Gas Distribution	1,142	—	—	(6)	1,136
Transmission	592	—	—	—	592
Electricity and Related Product Sales					
PJM					
Third Party Sales	—	938	—	—	938
Sales to Affiliates	—	256	—	(256)	—
New York ISO	—	70	—	—	70
ISO New England	—	48	—	—	48
Gas Sales					
Third Party Sales	—	58	—	—	58
Sales to Affiliates	—	581	—	(581)	—
Other Revenues from Contracts with Customers (A)	132	24	265	(2)	419
Total Revenues from Contracts with Customers	3,383	1,975	265	(845)	4,778
Revenues Unrelated to Contracts with Customers (B)	31	524	(37)	—	518
Total Operating Revenues	\$ 3,414	\$ 2,499	\$ 228	\$ (845)	\$ 5,296

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

	PSE&G	PSEG Power	Other	Eliminations	Consolidated
	Millions				
Three Months Ended June 30, 2018					
Revenues from Contracts with Customers					
Electric Distribution	\$ 754	\$ —	\$ —	\$ —	\$ 754
Gas Distribution	248	—	—	(4)	244
Transmission	301	—	—	—	301
Electricity and Related Product Sales					
PJM					
Third Party Sales	—	373	—	—	373
Sales to Affiliates	—	147	—	(147)	—
New York ISO	—	46	—	—	46
ISO New England	—	14	—	—	14
Gas Sales					
Third Party Sales	—	30	—	—	30
Sales to Affiliates	—	108	—	(108)	—
Other Revenues from Contracts with Customers (A)	63	13	125	(1)	200
Total Revenues from Contracts with Customers	1,366	731	125	(260)	1,962
Revenues Unrelated to Contracts with Customers (B)	20	36	(2)	—	54
Total Operating Revenues	\$ 1,386	\$ 767	\$ 123	\$ (260)	\$ 2,016

	PSE&G	PSEG Power	Other	Eliminations	Consolidated
	Millions				
Six Months Ended June 30, 2018					
Revenues from Contracts with Customers					
Electric Distribution	\$ 1,444	\$ —	\$ —	\$ —	\$ 1,444
Gas Distribution	1,007	—	—	(7)	1,000
Transmission	613	—	—	—	613
Electricity and Related Product Sales					
PJM					
Third Party Sales	—	871	—	—	871
Sales to Affiliates	—	323	—	(323)	—
New York ISO	—	105	—	—	105
ISO New England	—	61	—	—	61
Gas Sales					
Third Party Sales	—	94	—	—	94
Sales to Affiliates	—	505	—	(505)	—
Other Revenues from Contracts with Customers (A)	135	23	262	(2)	418
Total Revenues from Contracts with Customers	3,199	1,982	262	(837)	4,606
Revenues Unrelated to Contracts with Customers (B)	32	188	8	—	228
Total Operating Revenues	\$ 3,231	\$ 2,170	\$ 270	\$ (837)	\$ 4,834

(A) Includes primarily revenues from appliance repair services at PSE&G, solar power projects and energy management and fuel service contracts with LIPA at PSEG Power, and PSEG LI's OSA with LIPA in Other.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

(B) Includes primarily alternative revenues at PSE&G, derivative contracts at PSEG Power, and lease contracts in Other.

Contract Balances

PSE&G

PSE&G did not have any material contract balances (rights to consideration for services already provided or obligations to provide services in the future for consideration already received) as of June 30, 2019 and December 31, 2018. Substantially all of PSE&G's accounts receivable result from contracts with customers that are priced at tariff rates. Allowances represented approximately seven percent of accounts receivable as of June 30, 2019 and December 31, 2018.

PSEG Power

PSEG Power generally collects consideration upon satisfaction of performance obligations, and therefore, PSEG Power had no material contract balances as of June 30, 2019 and December 31, 2018.

PSEG Power's accounts receivable include amounts resulting from contracts with customers and other contracts which are out of scope of accounting guidance for revenues from contracts with customers. The majority of these accounts receivable are subject to master netting agreements. As a result, accounts receivable resulting from contracts with customers and receivables unrelated to contracts with customers are netted within Accounts Receivable and Accounts Payable on the Condensed Consolidated Balance Sheets. In the wholesale energy markets in which PSEG Power operates, payment for services rendered and products transferred are typically due within 30 days of month of delivery. As such, there is little credit risk associated with these receivables and PSEG Power typically records no allowances.

Other

PSEG LI did not have any material contract balances as of June 30, 2019 and December 31, 2018.

Remaining Performance Obligations under Fixed Consideration Contracts

PSEG Power and PSE&G primarily record revenues as allowed by the guidance, which states that if an entity has a right to consideration from a customer in an amount that corresponds directly with the value to the customer of the entity's performance completed to date, the entity may recognize revenue in the amount to which the entity has a right to invoice. PSEG has future performance obligations under contracts with fixed consideration as follows:

PSEG Power

As stated above, capacity transactions with ISOs are reported on a net basis dependent on PSEG Power's monthly net sale or purchase position through the individual ISOs.

Capacity Payments from the PJM Reliability Pricing Model (RPM) Annual Base Residual and Incremental Auctions —The Base Residual Auction is conducted annually three years in advance of the operating period. PSEG Power expects to realize the following average capacity prices for capacity obligations to be satisfied resulting from the base and incremental auctions which have been completed:

Delivery Year	\$ per MW-Day	MW Cleared
June 2019 to May 2020	\$115	9,000
June 2020 to May 2021	\$170	8,100
June 2021 to May 2022	\$178	7,700

Capacity Payments from the New England ISO Forward Capacity Market —The Forward Capacity Market (FCM) Auction is conducted annually three years in advance of the operating period. The table below includes PSEG Power's cleared capacity in the FCM Auction for the Bridgeport Harbor Station 5 (BH5), which cleared the 2019/2020 auction at \$231 /MW-day for seven years, and the planned retirement of Bridgeport Harbor Station 3 in 2021. PSEG Power expects to realize the following average capacity prices for capacity obligations to be satisfied resulting from the FCM auctions which have been completed:

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

Delivery Year	\$ per MW-Day (A)	MW Cleared
June 2019 to May 2020	\$231	1,330
June 2020 to May 2021	\$195	1,330
June 2021 to May 2022	\$192	950
June 2022 to May 2023	\$179	950
June 2023 to May 2024	\$231	480
June 2024 to May 2025	\$231	480
June 2025 to May 2026	\$231	480

(A) Capacity cleared prices for BH5 through 2026 will be escalated based upon the Handy-Whitman Index. These adjustments are not included above.

Bilateral capacity contracts —Capacity obligations pursuant to contract terms through 2029 are anticipated to result in revenues totaling \$170 million .

Other

The LIPA OSA is a 12 -year services contract ending in 2025 with annual fixed and incentive components. The fixed fee for the provision of services thereunder in 2019 is \$65 million and could increase each year based on the change in the Consumer Price Index (CPI). The incentive for 2019 can range from zero to approximately \$10 million and could increase each year thereafter based on the change in the CPI.

Note 4. Early Plant Retirements/Asset Dispositions

Nuclear

In April 2019, PSEG Power’s Salem 1, Salem 2 and Hope Creek nuclear plants were awarded Zero Emission Certificates (ZECs) by the BPU. Pursuant to a process established by the BPU, ZECs are purchased from selected nuclear plants and recovered through a non-bypassable distribution charge in the amount of \$0.004 per kilowatt-hour (which is equivalent to approximately \$10 per megawatt hour (MWh) in payments to selected nuclear plants (ZEC payment)). These nuclear plants are expected to receive ZEC revenue for approximately three years, through May 2022, and will be obligated to maintain operations, subject to exceptions specified in the ZEC legislation. PSEG Power anticipates it will recognize revenue monthly as the nuclear plants generate electricity and satisfy their performance obligations. The ZEC legislation requires nuclear plants to reapply for any subsequent three year periods. The ZEC payment may be adjusted by the BPU (a) at any time to offset environmental or fuel diversity payments that a selected nuclear plant may receive from another source or (b) at certain times specified in the ZEC legislation if the BPU determines that the purposes of the ZEC legislation can be achieved through a reduced charge that will nonetheless be sufficient to achieve the state’s air quality and other environmental objectives by preventing the retirement of nuclear plants. The BPU’s decision awarding ZECs has been appealed by the Division of Rate Counsel. The financial condition of the plants may nonetheless be materially adversely impacted by potential changes to the capacity market construct being considered by FERC (absent sufficient capacity revenues provided under a program approved by the BPU in accordance with a FERC authorized capacity mechanism), and, in the case of the Salem nuclear plants, decisions by the EPA and state environmental regulators regarding the implementation of Section 316(b) of the Clean Water Act and related state regulations, or other factors. Absent a material financial change, these adverse impacts could still result in PSEG Power taking all necessary steps to retire all of these plants following the end of the initial three year term of the ZECs program. Retirement of these plants would result in a material adverse impact on PSEG’s and PSEG Power’s financial results.

Fossil

In June 2019, PSEG Power entered into a purchase agreement to sell its ownership interests in the Keystone and Conemaugh generation plants and related assets and liabilities. The transaction is targeted to close during the second half of 2019, subject to customary closing conditions and regulatory approvals.

As a result of the transaction, PSEG Power’s ownership interests in the Keystone and Conemaugh generation plants and related assets will no longer be classified as held for use in accordance with GAAP. In June 2019, PSEG Power recognized a pre-tax impairment charge of \$395 million as the anticipated sale price is less than the current book value. As of June 30, 2019, the assets and liabilities of Keystone and Conemaugh were classified as Assets and Liabilities Held for Sale. The major classes of assets and liabilities included as part of the disposal group are net Property, Plant and Equipment of approximately \$54 million , with the remainder in net working capital and asset retirement obligations. In addition, PSEG Power’s equity method

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

investments, which are included as part of the disposal group, remain classified as Long-Term Investments as the asset dispositions do not meet the criteria for discontinued operations.

Note 5. Variable Interest Entity (VIE)

VIE for which PSEG LI is the Primary Beneficiary

PSEG LI consolidates Servco, a marginally capitalized VIE, which was created for the purpose of operating LIPA's T&D system in Long Island, New York as well as providing administrative support functions to LIPA. PSEG LI is the primary beneficiary of Servco because it directs the operations of Servco, the activity that most significantly impacts Servco's economic performance and it has the obligation to absorb losses of Servco that could potentially be significant to Servco. Such losses would be immaterial to PSEG.

Pursuant to the OSA, Servco's operating costs are reimbursable entirely by LIPA, and therefore, PSEG LI's risk is limited related to the activities of Servco. PSEG LI has no current obligation to provide direct financial support to Servco. In addition to reimbursement of Servco's operating costs as provided for in the OSA, PSEG LI receives an annual contract management fee. PSEG LI's annual contractual management fee, in certain situations, could be partially offset by Servco's annual storm costs not approved by the Federal Emergency Management Agency, limited contingent liabilities and penalties for failing to meet certain performance metrics.

For transactions in which Servco acts as principal and controls the services provided to LIPA, such as transactions with its employees for labor and labor-related activities, including pension and OPEB-related transactions, Servco records revenues and the related pass-through expenditures separately in Operating Revenues and O&M Expense, respectively. Servco recorded \$118 million and \$109 million for the three months and \$233 million and \$229 million for the six months ended June 30, 2019 and 2018, respectively, of O&M costs, the full reimbursement of which was reflected in Operating Revenues. For transactions in which Servco acts as an agent for LIPA, it records revenues and the related expenses on a net basis, resulting in no impact on PSEG's Condensed Consolidated Statement of Operations.

Note 6. Rate Filings

This Note should be read in conjunction with Note 7. Regulatory Assets and Liabilities to the Consolidated Financial Statements in the Annual Report on Form 10-K for the year ended December 31, 2018.

In addition to items previously reported in the Annual Report on Form 10-K, significant regulatory orders received and currently pending rate filings with FERC and the BPU by PSE&G are as follows:

Transmission Formula Rate Filings —In June 2019, PSE&G filed its 2018 true-up adjustment pertaining to its transmission formula rates in effect for 2018. This filing resulted in an additional revenue requirement adjustment of \$52 million more than the 2018 originally filed revenue requirement. PSE&G had previously recognized the majority of the additional revenue requirement in its 2018 Consolidated Statement of Operations.

Green Program Recovery Charges (GPRC) —In June 2019, PSE&G filed its 2019 GPRC cost recovery petition requesting recovery of approximately \$52 million and \$11 million in electric and gas revenues, respectively, on an annual basis. This matter is pending.

Gas System Modernization Program II (GSMP II) —In June 2019, PSE&G filed its first GSMP II cost recovery petition seeking BPU approval to recover in gas base rates an estimated annual revenue increase of \$20 million effective December 1, 2019. This increase represents the return on and of GSMP II investments expected to be in service through August 31, 2019. This request will be updated in September 2019 for actual costs.

Gas System Modernization Program I (GSMP I) —In July 2019, PSE&G updated its final GSMP I cost recovery petition to include GSMP I investments in service as of June 30, 2019. The petition seeks BPU approval to recover in gas base rates an estimated annual revenue increase of \$11 million effective October 1, 2019.

Zero Emission Certificate (ZEC) Program —In April 2019, the BPU authorized the New Jersey EDCs, including PSE&G, to purchase ZECs from eligible nuclear plants selected by the BPU. In conjunction with this Order, the BPU authorized tariffs to collect a non-bypassable distribution charge in the amount of \$0.004 per kilowatt-hour from each EDC's retail distribution customers to be used to purchase ZECs from the selected plants. Each EDC purchases ZECs on a monthly basis with payment to be made annually following completion of each energy year. Under the program, any revenue collected in excess of the purchase price will be refunded to customers in the following year.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

Weather Normalization Clause (WNC) —In March 2019, the BPU gave final approval to PSE&G's 2017-2018 WNC petition allowing a net recovery of \$14 million to be collected over the 2018-2019 Winter Period with the new rate effective November 1, 2018. The \$14 million net recovery is the result of \$9 million of excess revenues from the colder-than-normal 2017-2018 Winter Period offset by \$23 million of remaining prior Winter Period undercollection.

In June 2019, PSE&G filed its 2018-2019 WNC petition seeking to return to customers an overcollection of \$8 million to be refunded to customers over the 2019-2020 Winter Period. The \$8 million overcollection is the result of excess revenues from the colder-than-normal 2018-2019 Winter Period.

BGSS —In March 2019, the BPU approved the final BGSS rates which were effective October 1, 2018.

In May 2019, PSE&G made its annual BGSS filing with the BPU requesting a decrease in the annual BGSS revenues of \$13 million. If approved, the BGSS rate would be decreased from approximately 35 cents to 34 cents per therm for residential gas customers to be effective October 1, 2019. This matter is pending.

Note 7. Leases

PSEG and its subsidiaries, when acting as lessee or lessor, determine if an arrangement is a lease at inception. PSEG assesses contracts to determine if the arrangement conveys (i) the right to control the use of the identified property, (ii) the right to obtain substantially all of the economic benefits from the use of the property, and (iii) the right to direct the use of the property.

As of June 30, 2019, PSEG and subsidiaries were both a lessee and a lessor in Operating Leases. PSEG and subsidiaries were neither the lessee nor the lessor in any material non-operating leases.

Lessee

The current portion of Operating Lease Liabilities is included in Other Current Liabilities. Operating Lease Right-of-Use Assets and noncurrent Operating Lease Liabilities are included as separate captions in Noncurrent Assets and Noncurrent Liabilities, respectively, on the Condensed Consolidated Balance Sheets of PSEG, PSE&G and PSEG Power. PSEG and its subsidiaries have elected an accounting policy to exclude the application of ASC 842 requirements to recognize Operating Lease Right-of-Use Assets and Operating Lease Liabilities for leases where the term is twelve months or less.

Operating Lease Right-of-Use Assets represent the right to use an underlying asset for the lease term and Operating Lease Liabilities represent the obligation to make lease payments arising from the lease. Operating Lease Right-of-Use Assets and Operating Lease Liabilities are recognized at the lease commencement date based on the present value of lease payments over the lease term.

PSEG and its subsidiaries recognize the lease payments in O&M Expense on a straight-line basis over the term of the leases and variable lease payments in the period in which the obligations for those payments are incurred.

As lessee, most of the Operating Leases of PSEG and its subsidiaries do not provide an implicit rate; therefore, incremental borrowing rates are used based on the information available at commencement date in determining the present value of lease payments. The implicit rate is used when readily determinable. PSE&G's incremental borrowing rates are based on secured borrowing rates. PSEG's and PSEG Power's borrowing rates are generally unsecured rates. Having calculated simulated secured rates for each of PSEG and PSEG Power, it was determined that the difference between the unsecured borrowing rates and the simulated secured rates had an immaterial effect on their recorded Operating Lease Right-of-Use Assets and Operating Lease Liabilities.

Services, PSEG LI and other subsidiaries of PSEG that do not borrow funds or issue debt may enter into leases. Since these companies do not have credit ratings and related incremental borrowing rates, PSEG has determined that it is appropriate for these companies to use the incremental borrowing rate of PSEG, the parent company.

Lease terms may include options to extend or terminate the lease when it is reasonably certain that such options will be exercised.

PSEG and its subsidiaries have lease agreements with lease and non-lease components. For real estate, equipment and vehicle leases, the lease and non-lease components are accounted for as a single lease component.

PSE&G

PSE&G has Operating Leases for office space for customer service centers; rooftops and land for its Solar 4 All[®] facilities; equipment; vehicles; and land for certain electric substations. These leases have remaining lease terms through 2039, some of which include options to extend the leases for up to two five-year terms. Some leases have fixed rent payments that have escalations based on certain indices, such as the CPI. Certain leases contain variable payments.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

PSEG Power

PSEG Power has Operating Leases for buildings; land leases for its solar generating facilities; merchant transmission; and equipment. These leases have remaining terms through 2052, some of which include options to extend the leases for one or more five-year terms and certain other leases which include options to extend the leases for 15 to 20 year terms. Some leases have fixed rent payments that have escalations based on certain indices, such as the CPI.

Other

Services has Operating Leases for real estate and office equipment. These leases have remaining terms through 2030. Services' lease for its headquarters, which ends in 2030, includes options to extend for two five-year terms. Energy Holdings has land leases with remaining lease terms through 2027, some of which include options to extend the leases for up to eight five-year terms. Some leases have fixed rent payments that have escalations based on certain indices, such as the CPI. Certain leases contain variable payments.

Operating Lease Costs

The following amounts relate to total Operating Lease costs, including both amounts recognized in the Condensed Consolidated Statements of Operations during the three and six months ended June 30, 2019 and any amounts capitalized as part of the cost of another asset, and the cash flows arising from lease transactions.

	PSE&G	PSEG Power	Other	Total
	Millions			
Operating Lease Costs				
Three Months Ended June 30, 2019				
Long-term Lease Costs	\$ 5	\$ 3	\$ 4	\$ 12
Short-term Lease Costs	4	3	—	7
Variable Lease Costs	1	2	2	5
Total Operating Lease Costs	\$ 10	\$ 8	\$ 6	\$ 24
Six Months Ended June 30, 2019				
Long-term Lease Costs	\$ 9	\$ 5	\$ 8	\$ 22
Short-term Lease Costs	9	5	—	14
Variable Lease Costs	1	2	5	8
Total Operating Lease Costs	\$ 19	\$ 12	\$ 13	\$ 44
Three Months Ended June 30, 2019				
Cash Paid for Amounts Included in the Measurement of Operating Lease Liabilities	\$ 3	\$ 2	\$ 4	\$ 9
Six Months Ended June 30, 2019				
Cash Paid for Amounts Included in the Measurement of Operating Lease Liabilities	\$ 7	\$ 4	\$ 8	\$ 19
Weighted Average Remaining Lease Term in Years	12	13	11	12
Weighted Average Discount Rate	3.7%	4.4%	4.2%	4.1%

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Operating Lease commitments as of December 31, 2018 had the following maturities:

	PSE&G	PSEG Power	Other	Total
	Millions			
2019	\$ 15	\$ 11	\$ 15	\$ 41
2020	11	13	16	40
2021	10	13	16	39
2022	8	14	16	38
2023	8	8	15	31
Thereafter	66	51	105	222
Total Minimum Lease Payments	\$ 118	\$ 110	\$ 183	\$ 411

Operating Lease Liabilities as of June 30, 2019 had the following maturities:

	PSE&G		PSEG Power		Other		Total	
	Millions							
2019	\$	7	\$	7	\$	8	\$	22
2020		13		13		16		42
2021		10		13		16		39
2022		8		14		16		38
2023		8		8		15		31
2024		7		3		14		24
Thereafter		60		48		90		198
Total Minimum Lease Payments	\$	113	\$	106	\$	175	\$	394

The following is a reconciliation of the undiscounted cash flows to the discounted Operating Lease Liabilities recognized on the Condensed Consolidated Balance Sheets:

	As of June 30, 2019			
	PSE&G	PSEG Power	Other	Total
	Millions			
Undiscounted Cash Flows	\$ 113	\$ 106	\$ 175	\$ 394
Reconciling Amount due to Discount Rate	(24)	(30)	(35)	(89)
Total Discounted Operating Lease Liabilities	\$ 89	\$ 76	\$ 140	\$ 305

As of June 30, 2019, the current portions of Operating Lease Liabilities included in Other Current Liabilities were \$32 million, \$11 million and \$11 million for PSEG, PSE&G and PSEG Power, respectively.

Lessor

Property subject to Operating Leases, where PSEG or one of its subsidiaries is the lessor, is included in Property, Plant and Equipment and rental income from these leases is included in Operating Revenues.

PSEG and its subsidiaries, as lessors, have lease agreements with lease and non-lease components, which are primarily related to real estate assets and solar generating facilities. PSEG and subsidiaries account for the lease and non-lease components as a single lease component. Energy Holdings' leveraged leases are accounted for in Operating Revenues and in Noncurrent Long-Term Investments. See Note 8. Financing Receivables.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

PSEG Power

Certain of PSEG Power's sales agreements related to its solar generating plants qualify as Operating Leases with remaining terms through 2043 with no extension terms. Lease income is based on solar energy generation; therefore, all rental income is variable under these leases. As of June 30, 2019, PSEG Power's solar generating plants subject to these leases had a total carrying value of \$337 million.

Other

Energy Holdings is the lessor in leveraged leases. Leveraged lease accounting guidance is grandfathered for existing leveraged leases. If modified after January 1, 2019, those leveraged leases will be accounted for as operating or financing leases. See Note 8. Financing Receivables.

Energy Holdings is the lessor in various Operating Leases for real estate with remaining terms through 2033. As of June 30, 2019, Energy Holdings' property subject to these leases had a total carrying value of \$25 million.

The following is the Operating Lease Income for PSEG Power and Energy Holdings for the three and six months ended June 30, 2019:

	PSEG Power	Energy Holdings	Total
	Millions		
Operating Lease Income			
Three Months Ended June 30, 2019			
Fixed Lease Income	\$ —	\$ 6	\$ 6
Variable Lease Income	8	—	8
Total Operating Lease Income	\$ 8	\$ 6	\$ 14
Six Months Ended June 30, 2019			
Fixed Lease Income	\$ —	\$ 11	\$ 11
Variable Lease Income	12	—	12
Total Operating Lease Income	\$ 12	\$ 11	\$ 23

Energy Holdings' Operating Leases had the following minimum future fixed lease receipts as of June 30, 2019:

	Millions
2019	\$ 10
2020	20
2021	18
2022	17
2023	17
2024	16
Thereafter	165
Total Minimum Future Lease Receipts	\$ 263

Note 8. Financing Receivables

PSE&G

PSE&G sponsors a solar loan program designed to help finance the installation of solar power systems throughout its electric service area. Interest income on the loans is recorded on an accrual basis. The loans are generally paid back with solar renewable energy certificates (SRECs) generated from the installed solar electric system. In the event of a loan default, the basis of the solar loan would be recovered through a regulatory recovery mechanism. None of the solar loans are impaired; however, in the event a loan becomes impaired, the basis of the loan would be recovered through a regulatory recovery mechanism. A substantial portion of these amounts are noncurrent and reported in Long-Term Investments on PSEG's and

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

PSE&G's Condensed Consolidated Balance Sheets. The following table reflects the outstanding loans by class of customer, none of which would be considered "non-performing."

Outstanding Loans by Class of Customer		
	As of June 30, 2019	As of December 31, 2018
Consumer Loans		
	Millions	
Commercial/Industrial	\$ 163	\$ 164
Residential	9	9
Total	\$ 172	\$ 173
Current Portion (included in Other Current Assets)	(23)	(24)
Noncurrent Portion (included in Long-Term Investments)	\$ 149	\$ 149

Energy Holdings

Energy Holdings, through several of its indirect subsidiary companies, has investments in domestic energy and real estate assets subject primarily to leveraged lease accounting. A leveraged lease is typically comprised of an investment by an equity investor and debt provided by a third-party debt investor. The debt is recourse only to the assets subject to lease and is not included on PSEG's Condensed Consolidated Balance Sheets. As an equity investor, Energy Holdings' equity investments in the leases are comprised of the total expected lease receivables over the lease terms plus the estimated residual values at the end of the lease terms, reduced for any income not yet earned on the leases. This amount is included in Long-Term Investments on PSEG's Condensed Consolidated Balance Sheets. The more rapid depreciation of the leased property for tax purposes creates tax cash flow that will be repaid to the taxing authority in later periods. As such, the liability for such taxes due is recorded in Deferred Income Taxes on PSEG's Condensed Consolidated Balance Sheets.

During the second quarter of 2019, Energy Holdings completed its annual review of estimated residual values embedded in the leveraged leases. The outcome indicated that the updated residual value estimate of the coal-fired Powerton lease was lower than the recorded residual value and the decline was deemed to be other than temporary as a result of expected future adverse market conditions. As a result, a pre-tax write-down of \$58 million was reflected in Operating Revenues in the quarter ended June 30, 2019, calculated by comparing the gross investment in the leases before and after the revised residual estimates.

In December 2018, REMA emerged from its in-court proceeding under Chapter 11 of the Bankruptcy Code. Upon emergence, PSEG received \$31.5 million in cash in exchange for transferring the ownership interests in Keystone and Conemaugh to the debtholders of REMA and satisfaction of all other claims asserted against REMA, as well as certain amendments to the Shawville lease. The Shawville lease amendments, among other things, will allow REMA to express interest in a renewal on or after November 24, 2019. In addition, REMA has agreed to fund qualifying credit support up to \$36 million. The remaining deferred tax liabilities related to these lease investments were reclassified to current tax liabilities. As a result of the restructuring activity, PSEG has a remaining tax liability of approximately \$85 million, subject to its consolidated federal income tax filing position.

The following table shows Energy Holdings' gross and net lease investment as of June 30, 2019 and December 31, 2018.

	As of June 30, 2019	As of December 31, 2018
	Millions	
Lease Receivables (net of Non-Recourse Debt)	\$ 502	\$ 504
Estimated Residual Value of Leased Assets	201	326
Total Investment in Rental Receivables	703	830
Unearned and Deferred Income	(213)	(290)
Gross Investments in Leases	490	540
Deferred Tax Liabilities	(333)	(354)
Net Investments in Leases	\$ 157	\$ 186

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

The corresponding receivables associated with the lease portfolio are reflected as follows, net of non-recourse debt. The ratings in the table represent the ratings of the entities providing payment assurance to Energy Holdings.

Counterparties' Credit Rating Standard & Poor's (S&P) as of June 30, 2019	Lease Receivables, Net of Non-Recourse Debt	
	As of June 30, 2019	
	Millions	
AA	\$	13
A-		58
BBB+ — BBB-		258
BB		133
NR		40
Total	\$	502

The “BB” and the “NR” ratings in the preceding table represent lease receivables related to coal and gas-fired assets in Illinois and Pennsylvania, respectively. As of June 30, 2019, the gross investment in the leases of such assets, net of non-recourse debt, was \$237 million (\$(27) million, net of deferred taxes). A more detailed description of such assets under lease is presented in the following table.

Asset	Location	Gross Investment	% Owned	Total MW	Fuel Type	Counterparties' S&P Credit Ratings	Counterparty
		Millions					
Powerton Station Units 5 and 6	IL	\$ 75	64%	1,538	Coal	BB	NRG Energy, Inc.
Joliet Station Units 7 and 8	IL	\$ 85	64%	1,036	Gas	BB	NRG Energy, Inc.
Shawville Station Units 1, 2, 3 and 4	PA	\$ 77	100%	596	Gas	NR	REMA

The credit exposure for lessors is partially mitigated through various credit enhancement mechanisms within the lease structures. These credit enhancement features vary from lease to lease. Upon the occurrence of certain defaults, indirect subsidiary companies of Energy Holdings would exercise their rights and seek recovery of their investment, potentially including stepping into the lease directly to protect their investments. While these actions could ultimately protect or mitigate the loss of value, they could require the use of significant capital and trigger certain material tax obligations which could, for certain leases, wholly or partially be mitigated by tax indemnification claims against the counterparty. A bankruptcy of a lessee would likely delay and potentially limit any efforts on the part of the lessors to assert their rights upon default and could delay the monetization of claims.

Additional factors that may impact future lease cash flows include, but are not limited to, new environmental legislation and regulation regarding air quality, water and other discharges in the process of generating electricity, market prices for fuel, electricity and capacity, overall financial condition of lease counterparties and their affiliates and the quality and condition of assets under lease.

Note 9. Trust Investments

Nuclear Decommissioning Trust (NDT) Fund

PSEG Power maintains an external master NDT to fund its share of decommissioning costs for its five nuclear facilities upon their respective termination of operation. The trust contains two separate funds: a qualified fund and a non-qualified fund. Section 468A of the Internal Revenue Code limits the amount of money that can be contributed into a qualified fund. The funds are managed by third-party investment managers who operate under investment guidelines developed by PSEG Power.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

The following tables show the fair values and gross unrealized gains and losses for the securities held in the NDT Fund.

	As of June 30, 2019			
	Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
	Millions			
Equity Securities				
Domestic	\$ 417	\$ 201	\$ (5)	\$ 613
International	384	82	(16)	450
Total Equity Securities	801	283	(21)	1,063
Available-for Sale Debt Securities				
Government	548	16	(1)	563
Corporate	477	15	(2)	490
Total Available-for-Sale Debt Securities	1,025	31	(3)	1,053
Total NDT Fund Investments (A)	\$ 1,826	\$ 314	\$ (24)	\$ 2,116

(A) The NDT Fund Investments table excludes cash of \$1 million and foreign currency of \$1 million as of June 30, 2019, which are part of the NDT Fund.

	As of December 31, 2018			
	Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
	Millions			
Equity Securities				
Domestic	\$ 447	\$ 153	\$ (29)	\$ 571
International	323	36	(30)	329
Total Equity Securities	770	189	(59)	900
Available-for Sale Debt Securities				
Government	498	2	(9)	491
Corporate	501	1	(15)	487
Total Available-for-Sale Debt Securities	999	3	(24)	978
Total NDT Fund Investments	\$ 1,769	\$ 192	\$ (83)	\$ 1,878

Net unrealized gains (losses) on debt securities of \$16 million (after-tax) were included in Accumulated Other Comprehensive Loss on PSEG's and PSEG Power's Condensed Consolidated Balance Sheets as of June 30, 2019. The portion of net unrealized gains (losses) recognized during the second quarter and first half of 2019 related to equity securities still held at the end of June 30, 2019 was \$37 million and \$119 million, respectively.

The amounts in the preceding tables do not include receivables and payables for NDT Fund transactions which have not settled at the end of each period. Such amounts are included in Accounts Receivable and Accounts Payable on the Condensed Consolidated Balance Sheets as shown in the following table.

	As of June 30, 2019	As of December 31, 2018
	Millions	
Accounts Receivable	\$ 30	\$ 17
Accounts Payable	\$ 27	\$ 5

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

The following table shows the value of securities in the NDT Fund that have been in an unrealized loss position for less than and greater than 12 months.

	As of June 30, 2019				As of December 31, 2018			
	Less Than 12 Months		Greater Than 12 Months		Less Than 12 Months		Greater Than 12 Months	
	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses
Millions								
Equity Securities (A)								
Domestic	\$ 55	\$ (4)	\$ 3	\$ (1)	\$ 147	\$ (26)	\$ 5	\$ (3)
International	49	(6)	30	(10)	131	(28)	5	(2)
Total Equity Securities	104	(10)	33	(11)	278	(54)	10	(5)
Available-for Sale Debt Securities								
Government (B)	16	—	92	(1)	51	—	317	(9)
Corporate (C)	7	—	49	(2)	150	(5)	222	(10)
Total Available-for-Sale Debt Securities	23	—	141	(3)	201	(5)	539	(19)
NDT Trust Investments	\$ 127	\$ (10)	\$ 174	\$ (14)	\$ 479	\$ (59)	\$ 549	\$ (24)

- (A) Equity Securities—Investments in marketable equity securities within the NDT Fund are primarily in common stocks within a broad range of industries and sectors. Unrealized gains and losses on these securities are recorded in Net Income.
- (B) Debt Securities (Government)—Unrealized gains and losses on these securities are recorded in Accumulated Other Comprehensive Income (Loss). The unrealized losses on PSEG Power's NDT investments in U.S. Treasury obligations and Federal Agency mortgage-backed securities were caused by interest rate changes. These investments are guaranteed by the U.S. government or an agency of the U.S. government. PSEG Power also has investments in municipal bonds that are primarily in investment grade securities. It is not expected that these securities will settle for less than their amortized cost. Since PSEG Power does not intend to sell these securities nor will it be more-likely-than-not required to sell, PSEG Power does not consider these debt securities to be other-than-temporarily impaired as of June 30, 2019 .
- (C) Debt Securities (Corporate)—Unrealized gains and losses on these securities are recorded in Accumulated Other Comprehensive Income (Loss). PSEG Power's investments in corporate bonds are primarily in investment grade securities. It is not expected that these securities would settle for less than their amortized cost. Since PSEG Power does not intend to sell these securities nor will it be more-likely-than-not required to sell, PSEG Power does not consider these debt securities to be other-than-temporarily impaired as of June 30, 2019 .

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

The proceeds from the sales of and the net gains (losses) on securities in the NDT Fund were:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
	Millions			
Proceeds from NDT Fund Sales (A)	\$ 427	\$ 402	\$ 880	\$ 774
Net Realized Gains (Losses) on NDT Fund				
Gross Realized Gains	\$ 18	\$ 34	\$ 63	\$ 58
Gross Realized Losses	(13)	(10)	(32)	(22)
Net Realized Gains (Losses) on NDT Fund (B)	\$ 5	\$ 24	\$ 31	\$ 36
Unrealized Gains (Losses) on Equity Securities in NDT Fund	33	(16)	132	(50)
Net Gains (Losses) on NDT Fund Investments	\$ 38	\$ 8	\$ 163	\$ (14)

(A) Includes activity in accounts related to the liquidation of funds being transitioned to new managers.

(B) The cost of these securities was determined on the basis of specific identification.

The NDT Fund debt securities held as of June 30, 2019 had the following maturities:

<u>Time Frame</u>	<u>Fair Value</u>
	Millions
Less than one year	\$ 23
1 - 5 years	272
6 - 10 years	208
11 - 15 years	47
16 - 20 years	76
Over 20 years	427
Total NDT Available-for-Sale Debt Securities	\$ 1,053

PSEG Power periodically assesses individual debt securities whose fair value is less than amortized cost to determine whether the investments are considered to be other-than-temporarily impaired. For these securities, management considers its intent to sell or requirement to sell a security prior to expected recovery. In those cases where a sale is expected, any impairment would be recorded through earnings. For fixed income securities where there is no intent to sell or likely requirement to sell, management evaluates whether credit loss is a component of the impairment. If so, that portion is recorded through earnings while the noncredit loss component is recorded through Accumulated Other Comprehensive Income (Loss). Any subsequent recoveries in the value of these securities would be recognized in Accumulated Other Comprehensive Income (Loss) unless the securities are sold, in which case, any gain would be recognized in income. The assessment of fair market value compared to cost is applied on a weighted average basis taking into account various purchase dates and initial cost of the securities.

Rabbi Trust

PSEG maintains certain unfunded nonqualified benefit plans to provide supplemental retirement and deferred compensation benefits to certain key employees. Certain assets related to these plans have been set aside in a grantor trust commonly known as a “Rabbi Trust.”

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

The following tables show the fair values, gross unrealized gains and losses and amortized cost basis for the securities held in the Rabbi Trust.

	As of June 30, 2019			
	Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
	Millions			
Domestic Equity Securities	\$ 22	\$ 4	\$ —	\$ 26
Available-for-Sale Debt Securities				
Government	101	5	—	106
Corporate	103	5	—	108
Total Available-for-Sale Debt Securities	204	10	—	214
Total Rabbi Trust Investments	\$ 226	\$ 14	\$ —	\$ 240

	As of December 31, 2018			
	Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
	Millions			
Domestic Equity Securities	\$ 22	\$ 1	\$ —	\$ 23
Available-for-Sale Debt Securities				
Government	110	1	(2)	109
Corporate	96	—	(4)	92
Total Available-for-Sale Debt Securities	206	1	(6)	201
Total Rabbi Trust Investments	\$ 228	\$ 2	\$ (6)	\$ 224

Net unrealized gains (losses) on debt securities of \$7 million (after-tax) were included in Accumulated Other Comprehensive Loss on PSEG's Condensed Consolidated Balance Sheet as of June 30, 2019. The portion of net unrealized gains (losses) recognized during the second quarter and first half of 2019 related to equity securities still held at the end of June 30, 2019 was \$1 million and \$4 million, respectively.

The amounts in the preceding tables do not include receivables and payables for Rabbi Trust Fund transactions which have not settled at the end of each period. Such amounts are included in Accounts Receivable and Accounts Payable on the Condensed Consolidated Balance Sheets as shown in the following table.

	As of June 30, 2019	As of December 31, 2018
	Millions	
Accounts Receivable	\$ 2	\$ 2
Accounts Payable	\$ —	\$ —

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

The following table shows the value of securities in the Rabbi Trust Fund that have been in an unrealized loss position for less than 12 months and greater than 12 months.

	As of June 30, 2019				As of December 31, 2018			
	Less Than 12 Months		Greater Than 12 Months		Less Than 12 Months		Greater Than 12 Months	
	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses
	Millions							
Available-for-Sale Debt Securities								
Government (A)	\$ —	\$ —	\$ 13	\$ —	\$ 18	\$ —	\$ 59	\$ (2)
Corporate (B)	3	—	12	—	50	(3)	29	(1)
Total Available-for-Sale Debt Securities	3	—	25	—	68	(3)	88	(3)
Rabbi Trust Investments	\$ 3	\$ —	\$ 25	\$ —	\$ 68	\$ (3)	\$ 88	\$ (3)

- (A) Debt Securities (Government)—Unrealized gains and losses on these securities are recorded in Accumulated Other Comprehensive Income (Loss). The unrealized losses on PSEG's Rabbi Trust investments in U.S. Treasury obligations and Federal Agency mortgage-backed securities were caused by interest rate changes. These investments are guaranteed by the U.S. government or an agency of the U.S. government. PSEG also has investments in municipal bonds that are primarily in investment grade securities. It is not expected that these securities will settle for less than their amortized cost. Since PSEG does not intend to sell these securities nor will it be more-likely-than-not required to sell, PSEG does not consider these debt securities to be other-than-temporarily impaired as of June 30, 2019.
- (B) Debt Securities (Corporate)—Unrealized gains and losses on these securities are recorded in Accumulated Other Comprehensive Income (Loss). PSEG's investments in corporate bonds are primarily in investment grade securities. It is not expected that these securities would settle for less than their amortized cost. Since PSEG does not intend to sell these securities nor will it be more-likely-than-not required to sell, PSEG does not consider these debt securities to be other-than-temporarily impaired as of June 30, 2019.

The proceeds from the sales of and the net gains (losses) on securities in the Rabbi Trust Fund were:

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2019	2018	2019	2018
	Millions			
Proceeds from Rabbi Trust Sales (A)	\$ 42	\$ 22	\$ 86	\$ 47
Net Realized Gains (Losses) on Rabbi Trust:				
Gross Realized Gains	\$ 1	\$ —	\$ 2	\$ 2
Gross Realized Losses	—	—	(1)	(2)
Net Realized Gains (Losses) on Rabbi Trust (B)	1	—	1	—
Unrealized Gains (Losses) on Equity Securities in Rabbi Trust	—	\$ —	3	—
Net Gains (Losses) on Rabbi Trust Investments	\$ 1	\$ —	\$ 4	\$ —

- (A) Includes activity in accounts related to the liquidation of funds being transitioned to new managers.
- (B) The cost of these securities was determined on the basis of specific identification.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

The Rabbi Trust debt securities held as of June 30, 2019 had the following maturities:

Time Frame	Fair Value
	Millions
Less than one year	\$ 1
1 - 5 years	33
6 - 10 years	29
11 - 15 years	11
16 - 20 years	27
Over 20 years	113
Total Rabbi Trust Available-for-Sale Debt Securities	\$ 214

PSEG periodically assesses individual debt securities whose fair value is less than amortized cost to determine whether the investments are considered to be other-than-temporarily impaired. For these securities, management considers its intent to sell or requirement to sell a security prior to expected recovery. In those cases where a sale is expected, any impairment would be recorded through earnings. For fixed income securities where there is no intent to sell or likely requirement to sell, management evaluates whether credit loss is a component of the impairment. If so, that portion is recorded through earnings while the noncredit loss component is recorded through Accumulated Other Comprehensive Income (Loss). The assessment of fair market value compared to cost is applied on a weighted average basis taking into account various purchase dates and initial cost of the securities.

The fair value of the Rabbi Trust related to PSEG, PSE&G and PSEG Power are detailed as follows:

	As of June 30, 2019	As of December 31, 2018
	Millions	
PSE&G	\$ 48	\$ 45
PSEG Power	61	56
Other	131	123
Total Rabbi Trust Investments	\$ 240	\$ 224

Note 10. Pension and Other Postretirement Benefits (OPEB)

PSEG sponsors qualified and nonqualified pension plans and OPEB plans covering PSEG's and its participating affiliates' current and former employees who meet certain eligibility criteria.

In late June 2019, PSEG approved a plan amendment to its qualified pension plan, effective July 1, 2019. The amendment involved the spin-off of predominantly active participants from the existing qualified pension plan into a new qualified pension plan which is expected to reduce pension expense volatility and provide flexibility in establishing investment policies. Benefits offered to all of the participants under the plans remain unchanged. As a result of the amendment, both the new plan's and the existing plan's pension benefit obligations, as well as the asset values, were remeasured as of July 1, 2019.

In December 2018, PSEG amended certain provisions of its OPEB plans applicable to all current and future Medicare-eligible retirees and spouses who receive or will receive subsidized healthcare from PSEG. Effective January 1, 2021, the PSEG-sponsored Medicare-eligible plans will be replaced by a Medicare private exchange. For each Medicare-eligible retiree and spouse, PSEG will provide annual credits to a Health Reimbursement Arrangement, which can be used to pay for medical, prescription drug, and dental plan premiums, as well as certain out-of-pocket costs. The amendment resulted in a \$559 million reduction in PSEG's OPEB obligation as of December 31, 2018.

The following table provides the components of net periodic benefit costs relating to all qualified and nonqualified pension and OPEB plans on an aggregate basis for PSEG, excluding Servco. Amounts shown do not reflect the impacts of capitalization and co-owner allocations. Only the service cost component is eligible for capitalization, when applicable.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

	Pension Benefits		OPEB		Pension Benefits		OPEB	
	Three Months Ended		Three Months Ended		Six Months Ended		Six Months Ended	
	June 30,		June 30,		June 30,		June 30,	
	2019	2018	2019	2018	2019	2018	2019	2018
	Millions							
Components of Net Periodic Benefit (Credits) Costs								
Service Cost (included in O&M Expense)	\$ 28	\$ 33	\$ 3	\$ 5	\$ 57	\$ 65	\$ 5	\$ 9
Non-Service Components of Pension and OPEB (Credits) Costs								
Interest Cost	58	52	11	17	116	104	22	33
Expected Return on Plan Assets	(96)	(110)	(9)	(11)	(193)	(220)	(18)	(21)
Amortization of Net								
Prior Service Credit	(4)	(5)	(32)	—	(9)	(9)	(64)	—
Actuarial Loss	27	21	12	16	54	42	25	32
Non-Service Components of Pension and OPEB (Credits) Costs	(15)	(42)	(18)	22	(32)	(83)	(35)	44
Total Benefit (Credits) Costs	\$ 13	\$ (9)	\$ (15)	\$ 27	\$ 25	\$ (18)	\$ (30)	\$ 53

Pension and OPEB costs for PSE&G, PSEG Power and PSEG's other subsidiaries, excluding Servco, are detailed as follows:

	Pension Benefits		OPEB		Pension Benefits		OPEB	
	Three Months Ended		Three Months Ended		Six Months Ended		Six Months Ended	
	June 30,		June 30,		June 30,		June 30,	
	2019	2018	2019	2018	2019	2018	2019	2018
	Millions							
PSE&G	\$ 6	\$ (7)	\$ (16)	\$ 17	\$ 13	\$ (15)	\$ (32)	\$ 34
PSEG Power	4	(3)	1	8	7	(5)	2	16
Other	3	1	—	2	5	2	—	3
Total Benefit (Credits) Costs	\$ 13	\$ (9)	\$ (15)	\$ 27	\$ 25	\$ (18)	\$ (30)	\$ 53

During the three months ended March 31, 2019, PSEG contributed its entire 2019 annual planned contribution of \$10 million into its OPEB plan.

Servco Pension and OPEB

At the direction of LIPA, Servco sponsors benefit plans that cover its current and former employees who meet certain eligibility criteria. Under the OSA, all of these and any future employee benefit costs are to be funded by LIPA. See Note 5. Variable Interest Entity. These obligations, as well as the offsetting long-term receivable, are separately presented on the Condensed Consolidated Balance Sheet of PSEG.

Servco amounts are not included in any of the preceding pension and OPEB cost disclosures. Pension and OPEB costs of Servco are accounted for according to the OSA. Servco recognizes expenses for contributions to its pension plan trusts and for OPEB payments made to retirees. Operating Revenues are recognized for the reimbursement of these costs. Servco plans to contribute \$28 million into its pension plan trusts during 2019. Servco's pension-related revenues and costs were \$7 million and \$10 million for the three months ended June 30, 2019 and 2018, respectively, and \$14 million and \$20 million for the six months ended June 30, 2019 and 2018, respectively. The OPEB-related revenues earned and costs incurred were \$2 million for each of the three months and \$3 million for each of the six months ended June 30, 2019 and 2018.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Note 11. Commitments and Contingent Liabilities

Guaranteed Obligations

PSEG Power's activities primarily involve the purchase and sale of energy and related products under transportation, physical, financial and forward contracts at fixed and variable prices. These transactions are with numerous counterparties and brokers that may require cash, cash-related instruments or guarantees as a form of collateral.

PSEG Power has unconditionally guaranteed payments to counterparties by its subsidiaries in commodity-related transactions in order to

- support current exposure, interest and other costs on sums due and payable in the ordinary course of business, and
- obtain credit.

PSEG Power is subject to

- counterparty collateral calls related to commodity contracts, and
- certain creditworthiness standards as guarantor under performance guarantees of its subsidiaries.

Under these agreements, guarantees cover lines of credit between entities and are often reciprocal in nature. The exposure between counterparties can move in either direction.

In order for PSEG Power to incur a liability for the face value of the outstanding guarantees,

- its subsidiaries would have to fully utilize the credit granted to them by every counterparty to whom PSEG Power has provided a guarantee, and
- the net position of the related contracts would have to be "out-of-the-money" (if the contracts are terminated, PSEG Power would owe money to the counterparties).

PSEG Power believes the probability of this result is unlikely. For this reason, PSEG Power believes that the current exposure at any point in time is a more meaningful representation of the potential liability under these guarantees. Current exposure consists of the net of accounts receivable and accounts payable and the forward value on open positions, less any collateral posted.

Changes in commodity prices can have a material impact on collateral requirements under such contracts, which are posted and received primarily in the form of cash and letters of credit. PSEG Power also routinely enters into futures and options transactions for electricity and natural gas as part of its operations. These futures contracts usually require a cash margin deposit with brokers, which can change based on market movement and in accordance with exchange rules.

In addition to the guarantees discussed above, PSEG Power has also provided payment guarantees to third parties on behalf of its affiliated companies. These guarantees support various other non-commodity related contractual obligations.

The following table shows the face value of PSEG Power's outstanding guarantees, current exposure and margin positions as of June 30, 2019 and December 31, 2018 .

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

	As of June 30, 2019	As of December 31, 2018
	Millions	
Face Value of Outstanding Guarantees	\$ 1,805	\$ 1,772
Exposure under Current Guarantees	\$ 151	\$ 198
Letters of Credit Margin Posted	\$ 130	\$ 115
Letters of Credit Margin Received	\$ 32	\$ 26
Cash Deposited and Received:		
Counterparty Cash Margin Deposited	\$ —	\$ —
Counterparty Cash Margin Received	\$ (3)	\$ (10)
Net Broker Balance Deposited (Received)	\$ 4	\$ 403
Additional Amounts Posted:		
Other Letters of Credit	\$ 53	\$ 52

As part of determining credit exposure, PSEG Power nets receivables and payables with the corresponding net fair values of energy contracts. See Note 13. Financial Risk Management Activities for further discussion. In accordance with PSEG's accounting policy, where it is applicable, cash (received)/deposited is allocated against derivative asset and liability positions with the same counterparty on the face of the Condensed Consolidated Balance Sheet. The remaining balances of net cash (received)/deposited after allocation are generally included in Accounts Payable and Receivable, respectively.

In addition to amounts for outstanding guarantees, current exposure and margin positions, PSEG and PSEG Power have posted letters of credit to support PSEG Power's various other non-energy contractual and environmental obligations. See the preceding table.

Environmental Matters

Passaic River

Historic operations of PSEG companies and the operations of hundreds of other companies along the Passaic and Hackensack Rivers are alleged by Federal and State agencies to have discharged substantial contamination into the Passaic River/Newark Bay Complex in violation of various statutes as discussed as follows.

Federal Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA)

The U.S. Environmental Protection Agency (EPA) has determined that a 17 -mile stretch of the lower Passaic River from Newark to Clifton, New Jersey is a "Superfund" site under CERCLA and a comprehensive study of the entire 17 miles of the lower Passaic River needed to be performed. PSE&G and certain of its predecessors conducted operations at properties in this area of the Passaic River. The properties included one operating electric generating station (Essex Site), which was transferred to PSEG Power, one former generating station and four former manufactured gas plant (MGP) sites.

In early 2007, certain Potentially Responsible Parties (PRPs), including PSE&G and PSEG Power, formed a Cooperating Parties Group (CPG) and agreed to assume responsibility for conducting a Remedial Investigation and Feasibility Study (RI/FS) of the 17 miles of the lower Passaic River. The CPG has agreed to allocate, on an interim basis, the associated costs of the RI/FS among its members on the basis of a mutually agreed upon formula. For the purpose of this interim allocation, which has been revised as parties have exited the CPG, approximately 7.6 percent of the RI/FS costs are currently deemed attributable to PSE&G's former MGP sites and approximately 1.9 percent is attributable to PSEG Power's generating stations. These interim allocations are not binding on PSE&G or PSEG Power in terms of their respective shares of the costs that will be ultimately required to remediate the 17 miles of the lower Passaic River. PSEG has provided notice to insurers concerning this potential claim.

The CPG's draft FS set forth various alternatives for remediating the lower Passaic River with an estimated cost to remediate the lower 17 miles of the Passaic River ranging from approximately \$518 million to \$3.2 billion on an undiscounted basis.

In March 2016, the EPA released its Record of Decision (ROD) for the EPA's own Focused Feasibility Study (FFS) which requires the removal of 3.5 million cubic yards of sediment from the Passaic River's lower 8.3 miles at an estimated cost of \$2.3 billion on an undiscounted basis (ROD Remedy). The EPA estimated the total project length to be about 11 years, including a one year period of negotiation with the PRPs, three to four years to design the project and six years for

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

implementation. Occidental Chemical Corporation (OCC), one of the PRPs, has commenced performance of the remedial design required by the ROD Remedy, reserving its right of cost contribution from all other PRPs.

In September 2017, the EPA concluded that an Agency-commenced allocation process for the Passaic River's lower 8.3 miles should include only certain PRPs. The allocation is intended to lead to a consent decree in which certain of the PRPs agree to perform and pay for the remedial action under EPA oversight. The allocation process was delayed due to the partial federal government shutdown in late 2018 through early 2019, together with issues connected to OCC's complaint in Federal District Court in Newark, and is now currently scheduled to continue into the summer of 2020.

In October 2018, the EPA Region 2 issued a Directive to the CPG instructing the CPG to focus the ongoing RI/FS evaluation on various adaptive management scenarios for remediation of the upper 9 miles of the Passaic River, which approach has been agreed to in concept by the EPA and the CPG. The Directive does not contain estimates for anticipated costs. Adaptive management focuses on removing targeted "hot spots" of contaminated sediments rather than removing all of the Passaic River's sediments as in a "bank to bank" approach. In June 2019, EPA Region 2 conditionally approved the CPG's RI portion of the RI/FS, also known as a Remedial Investigation Report. The CPG continues work on the FS.

In a separate matter, two PRPs, Tierra Solutions, Inc. (Tierra) and Maxus Energy Corporation (Maxus), filed for Chapter 11 bankruptcy in Delaware Federal Bankruptcy Court. In June 2018, the trust representing the creditors in this proceeding filed a complaint asserting claims against the current and former parent entities of Tierra and Maxus, among other parties, for up to \$14 billion. Any damages awarded may be used to fund, in part, the remediation costs of the lower 8.3 miles of the Passaic River. The creditor trust has reserved its right to file contribution claims against 28 PRPs, including PSEG. This matter is ongoing.

In June 2018, OCC filed a complaint in Federal District Court in Newark against various defendants, including PSE&G, seeking cost recovery and contribution under CERCLA for the remediation of the lower 8.3 miles of the Passaic River. The complaint does not quantify damages sought.

The Complaint alleges that "no single hazardous substance" is to blame for the contamination of the lower Passaic River and lists the eight Contaminants of Concern (COCs) identified by the EPA in the ROD. OCC alleges PSE&G is responsible for a portion of six of the eight COCs. PSE&G cannot predict the outcome of this matter.

Based upon the estimated cost of the ROD Remedy and PSEG's estimate of PSE&G's and PSEG Power's shares of that cost, as of June 30, 2019, PSEG has accrued approximately \$57 million. Of this amount, PSE&G has accrued \$46 million as an Environmental Costs Liability and a corresponding Regulatory Asset based on its continued ability to recover such costs in its rates. PSEG Power has accrued \$11 million as an Other Noncurrent Liability with the corresponding O&M Expense recorded in prior years when the liability was accrued.

The EPA has broad authority to implement its selected remedy through the ROD and PSEG cannot at this time predict how the implementation of the ROD might impact PSE&G's and PSEG Power's ultimate liability. Until (i) the RI/FS, which covers the entire 17 miles of the lower Passaic River, is finalized either in whole or in part, (ii) an agreement by the PRPs to perform either the ROD Remedy as issued, or an amended ROD Remedy determined through negotiation or litigation, and an agreed upon remedy for the remaining 8.7 miles of the river, are reached, (iii) PSE&G's and PSEG Power's respective shares of the costs, both in the aggregate as well as individually, are determined, and (iv) PSE&G's continued ability to recover the costs in its rates is determined, it is not possible to predict this matter's ultimate impact on PSEG's financial statements. It is possible that PSE&G and PSEG Power will record additional costs beyond what they have accrued, and that such costs could be material, but PSEG cannot at the current time estimate the amount or range of any additional costs.

Natural Resource Damage Claims

In 2003, the New Jersey Department of Environmental Protection (NJDEP) directed PSEG, PSE&G and 56 other PRPs to arrange for a natural resource damage assessment and interim compensatory restoration of natural resource injuries along the lower Passaic River and its tributaries pursuant to the New Jersey Spill Compensation and Control Act. The NJDEP alleged that hazardous substances had been discharged from the Essex Site and the Harrison Site. The NJDEP estimated the cost of interim natural resource injury restoration activities along the lower Passaic River at approximately \$950 million. In 2007, agencies of the U.S. Department of Commerce and the U.S. Department of the Interior (the Passaic River federal trustees) sent letters to PSE&G and other PRPs inviting participation in an assessment of injuries to natural resources that the agencies intended to perform. In 2008, PSEG and a number of other PRPs agreed to share certain immaterial costs the trustees have incurred and will incur going forward, and to work with the trustees to explore whether some or all of the trustees' claims can be resolved in a cooperative fashion. That effort is continuing. PSE&G and PSEG Power are unable to estimate their respective portions of the possible loss or range of loss related to this matter.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

Newark Bay Study Area

The EPA has established the Newark Bay Study Area, which it defines as Newark Bay and portions of the Hackensack River, the Arthur Kill and the Kill Van Kull. In August 2006, the EPA sent PSEG and 11 other entities notices that it considered each of the entities to be a PRP with respect to contamination in the Study Area. The notice letter requested that the PRPs fund an EPA-approved study in the Newark Bay Study Area. The notice stated the EPA's belief that hazardous substances were released from sites owned by PSEG companies and located on the Hackensack River, including two electric generating stations (Hudson and Kearny sites) and one former MGP site. PSEG has participated in and partially funded the second phase of this study. Notices to fund the next phase of the study have been received but PSEG has not consented to fund the third phase. PSE&G and PSEG Power are unable to estimate their respective portions of the possible loss or range of loss related to this matter. In December 2018, PSEG Power completed the sale of the site of the Hudson electric generating station. PSEG Power contractually transferred all land rights and structures on the site to a third party purchaser, along with the assumption of the environmental liabilities for the site.

MGP Remediation Program

PSE&G is working with the NJDEP to assess, investigate and remediate environmental conditions at its former MGP sites. To date, 38 sites requiring some level of remedial action have been identified. Based on its current studies, PSE&G has determined that the estimated cost to remediate all MGP sites to completion could range between \$350 million and \$402 million on an undiscounted basis through 2021, including its \$46 million share for the Passaic River as discussed above. Since no amount within the range is considered to be most likely, PSE&G has recorded a liability of \$350 million as of June 30, 2019. Of this amount, \$69 million was recorded in Other Current Liabilities and \$281 million was reflected as Environmental Costs in Noncurrent Liabilities. PSE&G has recorded a \$350 million Regulatory Asset with respect to these costs. PSE&G periodically updates its studies taking into account any new regulations or new information which could impact future remediation costs and adjusts its recorded liability accordingly. NJDEP, PSEG and EPA representatives have had discussions regarding to what extent sampling in the Passaic River is required to delineate coal tar from MGP sites that abut the Passaic River Superfund site. PSEG cannot determine at this time whether this will have an impact on the Passaic River Superfund remedy.

Clean Water Act (CWA) Permit Renewals

Pursuant to the Federal Water Pollution Control Act, National Pollutant Discharge Elimination System permits expire within five years of their effective date. In order to renew these permits, but allow a plant to continue to operate, an owner or operator must file a permit application no later than six months prior to expiration of the permit. States with delegated federal authority for this program manage these permits. The NJDEP manages the permits under the New Jersey Pollutant Discharge Elimination System (NJPDES) program. Connecticut and New York also have permits to manage their respective pollutant discharge elimination system programs.

In May 2014, the EPA issued a final cooling water intake rule that establishes requirements for the regulation of cooling water intakes at existing power plants and industrial facilities with a design flow of more than two million gallons of water per day.

The EPA has structured the rule so that each state Permitting Director will continue to consider renewal permits for existing power facilities on a case by case basis, based on studies related to impingement mortality and entrainment by the facilities seeking renewal permits.

Several environmental organizations and certain energy industry groups have filed suit under the CWA and the Endangered Species Act. The cases were consolidated at the Second Circuit, and in July 2018 the Second Circuit upheld the EPA's final cooling water intake rule. The Court's decision allows Permitting Directors to continue to issue permits in accordance with the flexible, site-specific provisions of the final rule.

In June 2016, the NJDEP issued a final NJPDES permit for Salem. The final permit does not mandate specific service water system modifications, but consistent with Section 316 (b) of the CWA, it requires additional studies and the selection of technology to address impingement for the service water system. In July 2016, the Delaware Riverkeeper Network (Riverkeeper) filed a request challenging the NJDEP's issuance of the final NJPDES renewal permit for Salem. NJDEP has granted the hearing request, but it has not yet been scheduled. The Riverkeeper's filing does not change the effective date of the permit. If the Riverkeeper's challenge were successful, PSEG Power may be required to incur additional costs to comply with the CWA. Potential cooling water system modification costs could be material and could adversely impact the economic competitiveness of this facility.

State permitting decisions at Bridgeport and New Haven could also have a material impact on PSEG Power's ability to renew permits at its existing larger once-through cooled plants without making significant upgrades to existing intakes and cooling systems.

PSEG Power is unable to predict the outcome of these permitting decisions and the effect, if any, that they may have on PSEG

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

Power's future capital requirements, financial condition or results of operations.

To address compliance with the EPA's CWA Section 316(b) final rule at Bridgeport Harbor Station Unit 3 (BH3), PSEG Power has proposed to continue to operate BH3 without making the capital expenditures for modification to the existing intake structure and retire BH3 in 2021, which is four years earlier than the previously estimated useful life ending in 2025. PSEG Power is currently awaiting action by the CTDEEP to issue a draft and then a final permit.

PSEG Power has entered into a Community Environmental Benefit Agreement (CEBA) with the City of Bridgeport, Connecticut and local community organizations. That CEBA provides that PSEG Power would retire BH3 early if all of its conditions precedent occur, which include receipt of all final permits to build and operate a proposed new combined cycle generating facility on the same site that BH3 currently operates. Absent those conditions being met, and the permit for the cooling water intake structure referred to above not being issued, PSEG Power may seek to operate BH3 through the previously estimated useful life.

In February 2016, the proposed new generating facility at Bridgeport Harbor was awarded a capacity obligation. The Connecticut Siting Council issued an order to approve siting BH5. In June 2019, BH5 began commercial operations. PSEG Power's obligations under the CEBA are being monitored regularly and carried out as needed.

Jersey City, New Jersey Subsurface Feeder Cable Matter

In October 2016, a discharge of dielectric fluid from subsurface feeder cables located in the Hudson River near Jersey City, New Jersey, was identified and reported to the NJDEP. The feeder cables are located within a subsurface easement granted to PSE&G by the property owners, Newport Associates Development Company (NADC) and Newport Associates Phase I Developer Limited Partnership. The feeder cables are subject to agreements between PSE&G and Consolidated Edison Company of New York, Inc. (Con Edison) and are jointly owned by PSE&G and Con Edison, with PSE&G owning the portion of the cables located in New Jersey and Con Edison owning the portion of the cables located in New York. The NJDEP declared an emergency and an emergency response action was undertaken to investigate, contain, remediate and stop the fluid discharge; to assess, repair and restore the cables to good working order, if feasible; and to restore the property. The regulatory agencies overseeing the emergency response, including the U.S. Coast Guard, the NJDEP and the Army Corps of Engineers, issued multiple notices, orders and directives to the various parties related to this matter and the parties may also be subject to the assessment of civil penalties related to the discharge and response. The U.S. Coast Guard transitioned control of the federal response to the EPA in May 2018. In August 2018, the EPA ended the federal response to the matter. The response has now transitioned to the NJDEP site remediation program.

The impacted cable was repaired in late September 2017; however, small amounts of residual dielectric fluid believed to be contained within the marina sediment continue to appear on the surface and response actions related to the fluid discharge are ongoing, although at a significantly reduced scale. PSE&G remains concerned about future leaks and potential environmental impacts as a result of reintroduction of fluid back into these lines and has determined that retirement of the affected facilities is appropriate. PSE&G has been unable to reach an agreement with Con Edison and, as a result, in May 2018, PSE&G filed an action at FERC to resolve the matter. FERC dismissed PSE&G's Complaint against Con Edison in September 2018 and PSE&G has challenged FERC's decision. Also ongoing is the lawsuit in federal court to determine ultimate responsibility for the costs to address the leak among PSE&G, Con Edison and NADC. In addition, Con Edison filed counter claims against PSE&G and NADC, including seeking injunctive relief and damages. Based on the information currently available and depending on the outcome of the federal court action, PSE&G's portion of the costs to address the leak may be material; however, PSE&G anticipates that it will recover these costs through regulatory proceedings.

Basic Generation Service (BGS), Basic Gas Supply Service (BGSS) and ZECs

PSE&G obtains its electric supply requirements through the annual New Jersey BGS auctions for two categories of customers who choose not to purchase electric supply from third-party suppliers. The first category, which represents about 80% of PSE&G's load requirement, is residential and smaller commercial and industrial customers (BGS-Residential Small Commercial Pricing (RSCP)). The second category is larger customers that exceed a BPU-established load (kW) threshold (BGS-Commercial and Industrial Energy Pricing (CIEP)). Pursuant to applicable BPU rules, PSE&G enters into the Supplier Master Agreement with the winners of these BGS auctions following the BPU's approval of the auction results. PSE&G has entered into contracts with winning BGS suppliers, including PSEG Power, to purchase BGS for PSE&G's load requirements. The winners of the auction (including PSEG Power) are responsible for fulfilling all the requirements of a PJM Load-Serving Entity including the provision of capacity, energy, ancillary services, transmission and any other services required by PJM. BGS suppliers assume all volume risk and customer migration risk and must satisfy New Jersey's renewable portfolio standards.

The BGS-CIEP auction is for a one-year supply period from June 1 to May 31 with the BGS-CIEP auction price measured in dollars per MW-day for capacity. The final price for the BGS-CIEP auction year commencing June 1, 2019 is \$281.78 per MW-

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

day, replacing the BGS-CIEP auction year price ending May 31, 2019 of \$287.76 per MW-day. Energy for BGS-CIEP is priced at hourly PJM locational marginal prices for the contract period.

PSE&G contracts for its anticipated BGS-RSCP load on a three-year rolling basis, whereby each year one-third of the load is procured for a three-year period. The contract prices in dollars per MWh for the BGS-RSCP supply, as well as the approximate load, are as follows:

	Auction Year				
	2016	2017	2018	2019	
36-Month Terms Ending	May 2019	May 2020	May 2021	May 2022	(A)
Load (MW)	2,800	2,800	2,900	2,800	
\$ per MWh	\$96.38	\$90.78	\$91.77	\$98.04	

(A) Prices set in the 2019 BGS auction became effective on June 1, 2019 when the 2016 BGS auction agreements expired.

PSEG Power seeks to mitigate volatility in its results by contracting in advance for the sale of most of its anticipated electric output as well as its anticipated fuel needs. As part of its objective, PSEG Power has entered into contracts to directly supply PSE&G and other New Jersey EDCs with a portion of their respective BGS requirements through the New Jersey BGS auction process, described above.

PSE&G has a full-requirements contract with PSEG Power to meet the gas supply requirements of PSE&G's gas customers. PSEG Power has entered into hedges for a portion of these anticipated BGSS obligations, as permitted by the BPU. The BPU permits PSE&G to recover the cost of gas hedging up to 115 billion cubic feet or 80% of its residential gas supply annual requirements through the BGSS tariff. Current plans call for PSEG Power to hedge on behalf of PSE&G approximately 70 billion cubic feet or 50% of its residential gas supply annual requirements. For additional information, see Note 20. Related-Party Transactions .

Pursuant to a process established by the BPU, New Jersey EDCs, including PSE&G, are required to purchase ZECs from eligible nuclear plants selected by the BPU. In April 2019, PSEG Power's Salem 1, Salem 2 and Hope Creek nuclear plants were selected to receive ZEC revenue for approximately three years, through May 2022. PSE&G has implemented a tariff to collect a non-bypassable distribution charge in the amount of \$0.004 per kilowatt-hour from its retail distribution customers to be used to purchase the ZECs from these plants. PSE&G will purchase the ZECs on a monthly basis with payment to be made annually following completion of each energy year. The legislation also requires nuclear plants to reapply for any subsequent three year periods and allows the BPU to adjust prospective ZEC payments.

Minimum Fuel Purchase Requirements

PSEG Power's nuclear fuel strategy is to maintain certain levels of uranium and to make periodic purchases to support such levels. As such, the commitments referred to in the following table may include estimated quantities to be purchased that deviate from contractual nominal quantities. PSEG Power's nuclear fuel commitments cover approximately 100% of its estimated uranium, enrichment and fabrication requirements through 2020 and a significant portion through 2021 at Salem, Hope Creek and Peach Bottom.

PSEG Power has various multi-year contracts for natural gas and firm transportation and storage capacity for natural gas that are primarily used to meet its obligations to PSE&G. When there is excess delivery capacity available beyond the needs of PSE&G's customers, PSEG Power can use the gas to supply its fossil generating stations in New Jersey.

PSEG Power also has various long-term fuel purchase commitments for coal through 2023 . Pursuant to the sales agreement, these commitments will be transferred to the buyer upon closing the anticipated sale of PSEG Power's interests in the Keystone and Conemaugh generation plants. See Note 4. Early Plant Retirements/Asset Dispositions .

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

As of June 30, 2019, the total minimum purchase requirements included in these commitments were as follows:

Fuel Type	PSEG Power's Share of Commitments through 2023
	Millions
Nuclear Fuel	
Uranium	\$ 220
Enrichment	\$ 334
Fabrication	\$ 147
Natural Gas	\$ 1,204
Coal	\$ 373

Pending FERC Matters

In June 2015, Hudson Power Transmission Developers, LLC (Hudson Power), formerly known as Transource LLC, a merchant transmission developer, filed a complaint against PJM claiming that PJM wrongfully refused to provide data and a transparent process for evaluating transmission network upgrade requests that the transmission developer had submitted to PJM. Although not named as a respondent, the complaint identifies PSE&G as one of the companies claimed to have been involved. In January 2018, a FERC administrative law judge (ALJ) issued an order generally finding that PJM and transmission owners, including PSE&G, did not engage in wrongful conduct. In addition, the developer's assertion of an entitlement to monetary damages was expressly denied. However, in a determination disputed by PSE&G, the order found that the PJM process lacked transparency. The judge's order has been briefed by all parties for additional determinations by FERC. We are unable to predict the outcome of these proceedings.

PSE&G has also received requests for information and a Notice of Investigation from FERC's Office of Enforcement concerning a transmission project. PSE&G has retained outside counsel to assist with an internal investigation. PSE&G is fully cooperating with FERC's requests for information and the investigation. It is not possible at this time to predict the outcome of this matter.

Litigation

Sewaren 7 Construction

In June 2018, a complaint was filed in federal court in Newark, New Jersey against PSEG Fossil LLC, a wholly owned subsidiary of PSEG Power, regarding an ongoing dispute with Durr Mechanical Construction, Inc. (Durr), a contractor on the Sewaren 7 project. Among other things, Durr seeks damages of \$93 million and alleges that PSEG Power withheld money owed to Durr and that PSEG Power's intentional conduct led to the inability of Durr to obtain prospective contracts. PSEG Power intends to vigorously defend against these allegations. In December 2018, Durr filed for Chapter 11 bankruptcy in the federal court in the Southern District of New York (SDNY). The SDNY bankruptcy court has allowed the New Jersey litigation to proceed. PSEG Power has accrued an amount related to outstanding invoices which does not reflect an assessment of claims and potential counterclaims in this matter. Due to its preliminary nature, PSEG Power cannot predict the outcome of this matter.

Newark Customer Incident

On the morning of July 5, 2018, PSE&G discontinued electricity to the home of a customer residing in Newark because of outstanding arrears on that customer's account. Subsequent to the discontinuation of electricity, that customer died on the afternoon of July 5th. The family of the customer, who was on hospice care, raised allegations in the media regarding PSE&G's conduct surrounding the discontinuation and restoration of electricity to the home of the customer, claiming that the discontinuation of electric service prevented the customer from using life sustaining medical equipment. The BPU initiated an investigation into the matter and that investigation is ongoing. In addition, PSE&G received a grand jury subpoena from the Essex County Prosecutor's Office (ECPO) for records and correspondence between PSE&G and the customer. PSE&G is fully cooperating with the BPU and the ECPO in both proceedings. PSEG cannot predict the outcome of the pending proceedings regarding this incident at this time.

The PSEG Board of Directors (PSEG Board) retained outside counsel to conduct an independent investigation of the facts surrounding this incident with the full support and cooperation of management. The independent investigation concluded that the disconnection itself was not improper; however, it did identify issues related to PSE&G's response once it was notified of the disconnection. The PSEG Board reviewed and considered the findings and conclusions of the investigation and PSE&G's proposed corrective actions. PSE&G's progress on implementation of the corrective actions will continue to be overseen by the PSEG Board.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

Caithness Energy, L.L.C. (Caithness)

In August 2018, Caithness, a Long Island power plant developer, filed a complaint in federal district court in the Eastern District of New York against PSEG and PSEG LI alleging violations of state and federal antitrust laws and a claim of intentional interference of prospective business relations. Caithness alleges that PSEG and PSEG LI interfered with LIPA's consideration of the Caithness proposal for a 750 MW combined cycle generation project that was identified as a finalist for a Request For Proposal issued by LIPA. In addition, Caithness claims that PSEG and PSEG LI induced LIPA to agree to eliminate the proposed project as a potential competitor to other PSEG affiliates with power supply operations. The complaint alleges hundreds of millions of dollars of harm and seeks treble and punitive damages. PSEG intends to vigorously defend against these allegations. Based upon the preliminary nature of this matter, a loss is not considered probable nor is the amount of loss, if any, estimable as of June 30, 2019 .

Hudson Power

In January 2019, Hudson Power filed a complaint against PJM, PSE&G and three other transmission owners in Pennsylvania state court. Hudson Power has sued the transmission owner defendants for fraud and intentional misrepresentation relating to information provided to PJM and FERC regarding the costs of upgrades for Hudson Power's proposed project. These allegations appear to be based on alleged conduct that is the subject of the Hudson Power proceeding discussed under "Pending FERC Matters." This action was removed to federal court in the Eastern District of Pennsylvania in February 2019. In light of the FERC proceeding, the federal court granted a motion to stay the federal proceeding until the conclusion of the FERC proceeding. Based upon the preliminary nature of this matter, a loss is not considered probable nor is the amount of loss, if any, estimable as of June 30, 2019 .

Other Litigation and Legal Proceedings

PSEG and its subsidiaries are party to various lawsuits in the ordinary course of business. In view of the inherent difficulty in predicting the outcome of such matters, PSEG, PSE&G and PSEG Power generally cannot predict the eventual outcome of the pending matters, the timing of the ultimate resolution of these matters, or the eventual loss, fines or penalties related to each pending matter.

In accordance with applicable accounting guidance, a liability is accrued when those matters present loss contingencies that are both probable and reasonably estimable. In such cases, there may be an exposure to loss in excess of any amounts accrued. PSEG will continue to monitor the matter for further developments that could affect the amount of the accrued liability that has been previously established.

Based on current knowledge, management does not believe that loss contingencies arising from pending matters, other than the matters described herein, could have a material adverse effect on PSEG's, PSE&G's or PSEG Power's consolidated financial position or liquidity. However, in light of the inherent uncertainties involved in these matters, some of which are beyond PSEG's control, and the large or indeterminate damages sought in some of these matters, an adverse outcome in one or more of these matters could be material to PSEG's, PSE&G's or PSEG Power's results of operations or liquidity for any particular reporting period.

Note 12. Debt and Credit Facilities

Long-Term Debt Financing Transactions

The following long-term debt transactions occurred in the six months ended June 30, 2019 :

PSEG

- issued \$750 million of 2.875% Senior Notes due June 2024 , and
- repaid a \$350 million term loan with an interest rate of 1 month LIBOR + 0.80% that was scheduled to mature in June 2019 .

PSE&G

- issued \$375 million of 3.20% Secured Medium-Term Notes, Series M, due May 2029 ,
- issued \$375 million of 3.85% Secured Medium-Term Notes, Series M, due May 2049 , and
- retired \$250 million of 1.80% Medium-Term Notes at maturity.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

PSEG Power

PSEG Power executed an extension of the letter of credit backing \$44 million of Pennsylvania Economic Development Financing Authority Variable Rate Demand Bonds. The existing letter of credit, which was scheduled to expire in November 2019, has now been extended through March 2022.

Short-Term Liquidity

PSEG meets its short-term liquidity requirements, as well as those of PSEG Power, primarily with cash and through the issuance of commercial paper. PSE&G maintains its own separate commercial paper program to meet its short-term liquidity requirements. Each commercial paper program is fully back-stopped by its own separate credit facilities.

The commitments under the \$4.2 billion credit facilities are provided by a diverse bank group. As of June 30, 2019, the total available credit capacity was \$3.6 billion.

As of June 30, 2019, no single institution represented more than 9% of the total commitments in the credit facilities.

As of June 30, 2019, total credit capacity was in excess of the total anticipated maximum liquidity requirements over PSEG's 12-month planning horizon.

Each of the credit facilities is restricted as to availability and use to the specific companies as listed in the following table; however, if necessary, the PSEG facilities can also be used to support its subsidiaries' liquidity needs. The total credit facilities and available liquidity as of June 30, 2019 were as follows:

Company/Facility	As of June 30, 2019			Expiration Date	Primary Purpose
	Total Facility	Usage (D)	Available Liquidity		
	Millions				
PSEG					
5-year Credit Facilities (A)	\$ 1,500	\$ 188	\$ 1,312	Mar 2023	Commercial Paper Support/Funding/Letters of Credit
Total PSEG	\$ 1,500	\$ 188	\$ 1,312		
PSE&G					
5-year Credit Facility (B)	\$ 600	\$ 206	\$ 394	Mar 2023	Commercial Paper Support/Funding/Letters of Credit
Total PSE&G	\$ 600	\$ 206	\$ 394		
PSEG Power					
3-year Letter of Credit Facilities	\$ 200	\$ 129	\$ 71	Sept 2021	Letters of Credit
5-year Credit Facilities (C)	1,900	40	1,860	Mar 2023	Funding/Letters of Credit
Total PSEG Power	\$ 2,100	\$ 169	\$ 1,931		
Total	\$ 4,200	\$ 563	\$ 3,637		

(A) PSEG facilities will be reduced by \$9 million in March 2022.

(B) PSE&G facility will be reduced by \$4 million in March 2022.

(C) PSEG Power facilities will be reduced by \$12 million in March 2022.

(D) The primary use of PSEG's and PSE&G's credit facilities is to support their respective Commercial Paper Programs, under which as of June 30, 2019, PSEG had \$175 million outstanding at a weighted average interest rate of 2.57%. PSE&G had \$190 million outstanding at a weighted average interest rate of 2.55% under its Commercial Paper Program as of June 30, 2019.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Note 13. Financial Risk Management Activities

Derivative accounting guidance requires that a derivative instrument be recognized as either an asset or a liability at fair value, with changes in fair value of the derivative recognized in earnings each period. Other accounting treatments are available through special election and designation provided that the derivative instrument meets specific, restrictive criteria, both at the time of designation and on an ongoing basis. These alternative permissible treatments include normal purchases and normal sales (NPNS), cash flow hedge and fair value hedge accounting. PSEG, PSEG Power and PSE&G have applied the NPNS scope exception to certain derivative contracts for the forward sale of generation, power procurement agreements and fuel agreements. PSEG uses interest rate swaps and other derivatives, which are designated and effective as cash flow or fair value hedges. PSEG Power enters into additional contracts that are derivatives, but are not designated as either cash flow hedges or fair value hedges. These transactions are economic hedges and are recorded at fair market value.

Commodity Prices

Within PSEG and its affiliate companies, PSEG Power has the most exposure to commodity price risk. PSEG Power is exposed to commodity price risk primarily relating to changes in the market price of electricity, fossil fuels and other commodities. Fluctuations in market prices result from changes in supply and demand, fuel costs, market conditions, weather, state and federal regulatory policies, environmental policies, transmission availability and other factors. PSEG Power uses a variety of derivative and non-derivative instruments, such as financial options, futures, swaps, fuel purchases and forward purchases and sales of electricity, to manage the exposure to fluctuations in commodity prices and optimize the value of PSEG Power's expected generation. PSEG Power also uses derivatives to hedge a portion of its anticipated BGSS obligations with PSE&G. For additional information see Note 11. Commitments and Contingent Liabilities. Changes in the fair market value of these derivative contracts are recorded in earnings.

Interest Rates

PSEG, PSEG Power and PSE&G are subject to the risk of fluctuating interest rates in the normal course of business. Exposure to this risk is managed by targeting a balanced debt maturity profile which limits refinancing in any given period or interest rate environment. In addition, they have used a mix of fixed and floating rate debt and interest rate swaps.

Fair Value Hedges

PSEG enters into fair value hedges to convert fixed-rate debt into variable-rate debt. The changes in fair value of the interest rate swaps are fully offset by changes in the fair value of the underlying forecasted interest payments of the debt. There were no outstanding interest rate swaps as of June 30, 2019 or December 31, 2018.

Cash Flow Hedges

PSEG uses interest rate swaps and other derivatives, which are designated and effective as cash flow hedges, to manage its exposure to the variability of cash flows, primarily related to variable-rate debt instruments. As of June 30, 2019, PSEG had interest rate hedges outstanding totaling \$700 million. These hedges convert PSEG's \$700 million variable rate term loan due November 2020 into a fixed rate loan. PSEG interest rate hedges totaling \$600 million were terminated during the second quarter and a loss of \$(12) million was recorded in Accumulated Other Comprehensive Income (Loss) (after tax) and will amortize to interest expense over the remaining life of PSEG's \$750 million of 2.875% Senior Notes due June 2024. For additional information see Note 12. Debt and Credit Facilities.

The fair value of these hedges was \$(8) million as of June 30, 2019 and there were no outstanding interest rate hedges as of December 31, 2018. The Accumulated Other Comprehensive Income (Loss) (after tax) related to outstanding and terminated interest rate derivatives designated as cash flow hedges was \$(18) million and \$(1) million as of June 30, 2019 and December 31, 2018, respectively. The after-tax unrealized losses on these hedges expected to be reclassified to earnings during the next 12 months are \$(3) million.

Fair Values of Derivative Instruments

The following are the fair values of derivative instruments on the Condensed Consolidated Balance Sheets. The following tables also include disclosures for offsetting derivative assets and liabilities which are subject to a master netting or similar agreement. In general, the terms of the agreements provide that in the event of an early termination the counterparties have the right to offset amounts owed or owing under that and any other agreement with the same counterparty. Accordingly, and in accordance with PSEG's accounting policy, these positions are offset on the Condensed Consolidated Balance Sheets of PSEG Power and PSEG. For additional information see Note 14. Fair Value Measurements. The following tabular disclosure does not include the offsetting of trade receivables and payables.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Balance Sheet Location	As of June 30, 2019				
	PSEG Power (A)			PSEG (A)	Consolidated
	Not Designated			Cash Flow Hedges	
	Energy-Related Contracts	Netting (B)	Total PSEG Power	Interest Rate Swaps	Total Derivatives
	Millions				
Derivative Contracts					
Current Assets	\$ 562	\$ (479)	\$ 83	\$ —	\$ 83
Noncurrent Assets	333	(254)	79	—	79
Total Mark-to-Market Derivative Assets	\$ 895	\$ (733)	\$ 162	\$ —	\$ 162
Derivative Contracts					
Current Liabilities	\$ (496)	\$ 472	\$ (24)	\$ (5)	\$ (29)
Noncurrent Liabilities	(252)	247	(5)	(3)	(8)
Total Mark-to-Market Derivative (Liabilities)	\$ (748)	\$ 719	\$ (29)	\$ (8)	\$ (37)
Total Net Mark-to-Market Derivative Assets (Liabilities)	\$ 147	\$ (14)	\$ 133	\$ (8)	\$ 125

Balance Sheet Location	As of December 31, 2018			
	PSEG Power (A)			Consolidated
	Not Designated			
	Energy-Related Contracts	Netting (B)	Total PSEG Power	Total Derivatives
	Millions			
Derivative Contracts				
Current Assets	\$ 426	\$ (415)	\$ 11	\$ 11
Noncurrent Assets	137	(136)	1	1
Total Mark-to-Market Derivative Assets	\$ 563	\$ (551)	\$ 12	\$ 12
Derivative Contracts				
Current Liabilities	\$ (521)	\$ 510	\$ (11)	\$ (11)
Noncurrent Liabilities	(198)	194	(4)	(4)
Total Mark-to-Market Derivative (Liabilities)	\$ (719)	\$ 704	\$ (15)	\$ (15)
Total Net Mark-to-Market Derivative Assets (Liabilities)	\$ (156)	\$ 153	\$ (3)	\$ (3)

- (A) Substantially all of PSEG Power's and PSEG's derivative instruments are contracts subject to master netting agreements. Contracts not subject to master netting or similar agreements are immaterial and did not have any collateral posted or received as of June 30, 2019 and December 31, 2018 .
- (B) Represents the netting of fair value balances with the same counterparty (where the right of offset exists) and the application of collateral. All cash collateral received or posted that has been allocated to derivative positions, where the right of offset exists, has been offset on the Condensed Consolidated Balance Sheets. As of June 30, 2019 and December 31, 2018 , PSEG Power had net cash collateral/margin payments to counterparties of \$1 million and \$393 million , respectively. Of these net cash/collateral margin payments, \$(14) million as of June 30, 2019 and \$153 million as December 31, 2018 were netted against the corresponding net derivative contract positions. Of the \$(14) million as of June 30, 2019 , \$(7) million was netted against current assets and \$(7) million was netted against noncurrent assets. Of the \$153 million as of December 31, 2018 , \$(2) million was netted against current assets, \$(3) million was netted against noncurrent assets, \$96 million was netted against current liabilities and \$62 million was netted against noncurrent liabilities.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Certain of PSEG Power's derivative instruments contain provisions that require PSEG Power to post collateral. This collateral may be posted in the form of cash or credit support with thresholds contingent upon PSEG Power's credit rating from each of the major credit rating agencies. The collateral and credit support requirements vary by contract and by counterparty. These credit risk-related contingent features stipulate that if PSEG Power were to be downgraded to a below investment grade rating by S&P or Moody's, it would be required to provide additional collateral. A below investment grade credit rating for PSEG Power would represent a three level downgrade from its current S&P or Moody's ratings. This incremental collateral requirement can offset collateral requirements related to other derivative instruments that are assets with the same counterparty, where the contractual right of offset exists under applicable master agreements. PSEG Power also enters into commodity transactions on the New York Mercantile Exchange (NYMEX) and Intercontinental Exchange (ICE). The NYMEX and ICE clearing houses act as counterparties to each trade. Transactions on the NYMEX and ICE must adhere to comprehensive collateral and margin requirements.

The aggregate fair value of all derivative instruments with credit risk-related contingent features in a liability position that are not fully collateralized (excluding transactions on the NYMEX and ICE that are fully collateralized) was \$29 million and \$22 million as of June 30, 2019 and December 31, 2018, respectively. As of June 30, 2019 and December 31, 2018, PSEG Power had the contractual right of offset of \$1 million and \$7 million, respectively, related to derivative instruments that are assets with the same counterparty under master agreements and net of margin posted. If PSEG Power had been downgraded to a below investment grade rating, it would have had additional collateral obligations of \$28 million and \$15 million as of June 30, 2019 and December 31, 2018, respectively, related to its derivatives, net of the contractual right of offset under master agreements and the application of collateral.

The following shows the effect on the Condensed Consolidated Statements of Operations and on Accumulated Other Comprehensive Income (AOCI) of derivative instruments designated as cash flow hedges for the three months and six months ended June 30, 2019 and 2018 :

Derivatives in Cash Flow Hedging Relationships	Amount of Pre-Tax Gain (Loss) Recognized in AOCI on Derivatives		Location of Pre-Tax Gain (Loss) Reclassified from AOCI into Income	Amount of Pre-Tax Gain (Loss) Reclassified from AOCI into Income	
	Three Months Ended			Three Months Ended	
	June 30,			June 30,	
	2019	2018		2019	2018
	Millions			Millions	
PSEG					
Interest Rate Swaps	\$	(19)	\$	—	
Total PSEG	\$	(19)	\$	—	

Derivatives in Cash Flow Hedging Relationships	Amount of Pre-Tax Gain (Loss) Recognized in AOCI on Derivatives		Location of Pre-Tax Gain (Loss) Reclassified from AOCI into Income	Amount of Pre-Tax Gain (Loss) Reclassified from AOCI into Income	
	Six Months Ended			Six Months Ended	
	June 30,			June 30,	
	2019	2018		2019	2018
	Millions			Millions	
PSEG					
Interest Rate Swaps	\$	(24)	\$	—	—
Total PSEG	\$	(24)	\$	—	—

The effect of interest rate cash flow hedges is recorded in Interest Expense in PSEG's Condensed Consolidated Statement of Operations. For the three months and six months ended June 30, 2019 and 2018, the amount of gain or loss on interest rate hedges reclassified from Accumulated Other Comprehensive Income (Loss) into income was immaterial.

The following reconciles the Accumulated Other Comprehensive Income (Loss) for derivative activity included in the Accumulated Other Comprehensive Loss of PSEG on a pre-tax and after-tax basis.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Accumulated Other Comprehensive Income (Loss)	Pre-Tax		After-Tax	
	Millions			
Balance as of December 31, 2017	\$	—	\$	—
Loss Recognized in AOCI		(2)		(1)
Less: Loss Reclassified into Income		—		—
Balance as of December 31, 2018	\$	(2)	\$	(1)
Loss Recognized in AOCI		(24)		(17)
Less: Loss Reclassified into Income		1		—
Balance as of June 30, 2019	\$	(25)	\$	(18)

The following shows the effect on the Condensed Consolidated Statements of Operations of derivative instruments not designated as hedging instruments or as NPNS for the three months and six months ended June 30, 2019 and 2018, respectively. PSEG Power's derivative contracts reflected in this table include contracts to hedge the purchase and sale of electricity and natural gas, and the purchase of fuel. The table does not include contracts that PSEG Power has designated as NPNS, such as its BGS contracts and certain other energy supply contracts that it has with other utilities and companies with retail load.

Derivatives Not Designated as Hedges	Location of Pre-Tax Gain (Loss) Recognized in Income on Derivatives	Pre-Tax Gain (Loss) Recognized in Income on Derivatives			
		Three Months Ended		Six Months Ended	
		June 30,		June 30,	
		2019	2018	2019	2018
Millions					
PSEG and PSEG Power					
Energy-Related Contracts	Operating Revenues	\$ 322	\$ (64)	\$ 461	\$ (24)
Energy-Related Contracts	Energy Costs	(61)	15	(74)	7
Total PSEG and PSEG Power		\$ 261	\$ (49)	\$ 387	\$ (17)

The following table summarizes the net notional volume purchases/(sales) of open derivative transactions by commodity as of June 30, 2019 and December 31, 2018.

Type	Notional	Total	PSEG	PSEG Power	PSE&G
Millions					
As of June 30, 2019					
Natural Gas	Dekatherm (Dth)	423	—	423	—
Electricity	MWh	(55)	—	(55)	—
Financial Transmission Rights (FTRs)	MWh	18	—	18	—
Interest Rate Swaps	U.S. Dollars	700	700	—	—
As of December 31, 2018					
Natural Gas	Dth	358	—	358	—
Electricity	MWh	(74)	—	(74)	—
FTRs	MWh	18	—	18	—

Credit Risk

Credit risk relates to the risk of loss that PSEG Power would incur as a result of non-performance by counterparties pursuant to the terms of their contractual obligations. PSEG has established credit policies that it believes significantly minimize credit risk. These policies include an evaluation of potential counterparties' financial condition (including credit rating), collateral requirements under certain circumstances and the use of standardized agreements, which allow for the netting of positive and

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

negative exposures associated with a single counterparty. In the event of non-performance or non-payment by a major counterparty, there may be a material adverse impact on PSEG Power's and PSEG's financial condition, results of operations or net cash flows.

The following table provides information on PSEG Power's credit risk from wholesale counterparties, net of collateral, as of June 30, 2019. It further delineates that exposure by the credit rating of the counterparties, which is determined by the lowest rating from S&P, Moody's or an internal scoring model. In addition, it provides guidance on the concentration of credit risk to individual counterparties and an indication of the quality of PSEG Power's credit risk by credit rating of the counterparties.

As of June 30, 2019, 99% of the net credit exposure for PSEG Power's wholesale operations was with investment grade counterparties. Credit exposure is defined as any positive results of netting accounts receivable/accounts payable and the forward value of open positions (which includes all financial instruments including derivatives, NPNS and non-derivatives).

Rating	Current Exposure	Securities held as Collateral	Net Exposure	Number of Counterparties >10%	Net Exposure of Counterparties >10%
	Millions				Millions
Investment Grade	\$ 326	\$ 20	\$ 306	3	\$ 176 (A)
Non-Investment Grade	4	1	3	—	—
Total	\$ 330	\$ 21	\$ 309	3	\$ 176

(A) Represents net exposure of \$90 million with PSE&G and non-affiliated counterparties of \$86 million.

As of June 30, 2019, collateral held from counterparties where PSEG Power had credit exposure included \$3 million in cash collateral and \$18 million in letters of credit.

As of June 30, 2019, PSEG Power had 132 active counterparties.

PSE&G's supplier master agreements are approved by the BPU and govern the terms of its electric supply procurement contracts. These agreements define a supplier's performance assurance requirements and allow a supplier to meet its credit requirements with a certain amount of unsecured credit. The amount of unsecured credit is determined based on the supplier's credit ratings from the major credit rating agencies and the supplier's tangible net worth. The credit position is based on the initial market price, which is the forward price of energy on the day the procurement transaction is executed, compared to the forward price curve for energy on the valuation day. To the extent that the forward price curve for energy exceeds the initial market price, the supplier is required to post a parental guaranty or other security instrument such as a letter of credit or cash, as collateral to the extent the credit exposure is greater than the supplier's unsecured credit limit. As of June 30, 2019, primarily all of the posted collateral was in the form of parental guarantees. The unsecured credit used by the suppliers represents PSE&G's net credit exposure. PSE&G's BGS suppliers' credit exposure is calculated each business day. As of June 30, 2019, PSE&G had no net credit exposure with suppliers, including PSEG Power.

PSE&G is permitted to recover its costs of procuring energy through the BPU-approved BGS tariffs. PSE&G's counterparty credit risk is mitigated by its ability to recover realized energy costs through customer rates.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

Note 14. Fair Value Measurements

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Accounting guidance for fair value measurement emphasizes that fair value is a market-based measurement, not an entity-specific measurement, and establishes a fair value hierarchy that distinguishes between assumptions based on market data obtained from independent sources and those based on an entity's own assumptions. The hierarchy prioritizes the inputs to fair value measurement into three levels:

Level 1—measurements utilize quoted prices (unadjusted) in active markets for identical assets or liabilities that PSEG, PSE&G and PSEG Power have the ability to access. These consist primarily of listed equity securities and money market mutual funds, as well as natural gas futures contracts executed on NYMEX.

Level 2—measurements include quoted prices for similar assets and liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, and other observable inputs such as interest rates and yield curves that are observable at commonly quoted intervals. These consist primarily of non-exchange traded derivatives such as forward contracts or options and most fixed income securities.

Level 3—measurements use unobservable inputs for assets or liabilities, based on the best information available and might include an entity's own data and assumptions. In some valuations, the inputs used may fall into different levels of the hierarchy. In these cases, the financial instrument's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. These consist primarily of certain electric load contracts and gas contracts.

Certain derivative transactions may transfer from Level 2 to Level 3 if inputs become unobservable and internal modeling techniques are employed to determine fair value. Conversely, measurements may transfer from Level 3 to Level 2 if the inputs become observable.

The following tables present information about PSEG's, PSE&G's and PSEG Power's respective assets and (liabilities) measured at fair value on a recurring basis as of June 30, 2019 and December 31, 2018, including the fair value measurements and the levels of inputs used in determining those fair values. Amounts shown for PSEG include the amounts shown for PSE&G and PSEG Power.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Description	Recurring Fair Value Measurements as of June 30, 2019					
	Total	Netting (D)	Quoted Market Prices for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	
Millions						
PSEG						
Assets:						
Derivative Contracts:						
Energy-Related Contracts (A)	\$ 162	\$ (733)	\$ 7	\$ 881	\$ 7	
NDT Fund (B)						
Equity Securities	\$ 1,063	\$ —	\$ 1,062	\$ 1	\$ —	
Debt Securities—U.S. Treasury	\$ 213	\$ —	\$ —	\$ 213	\$ —	
Debt Securities—Govt Other	\$ 350	\$ —	\$ —	\$ 350	\$ —	
Debt Securities—Corporate	\$ 490	\$ —	\$ —	\$ 490	\$ —	
Rabbi Trust (B)						
Equity Securities	\$ 26	\$ —	\$ 26	\$ —	\$ —	
Debt Securities—U.S. Treasury	\$ 64	\$ —	\$ —	\$ 64	\$ —	
Debt Securities—Govt Other	\$ 42	\$ —	\$ —	\$ 42	\$ —	
Debt Securities—Corporate	\$ 108	\$ —	\$ —	\$ 108	\$ —	
Liabilities:						
Derivative Contracts:						
Energy-Related Contracts (A)	\$ (29)	\$ 719	\$ (43)	\$ (702)	\$ (3)	
Interest Rate Swaps (C)	\$ (8)	\$ —	\$ —	\$ (8)	\$ —	
PSE&G						
Assets:						
Rabbi Trust (B)						
Equity Securities	\$ 5	\$ —	\$ 5	\$ —	\$ —	
Debt Securities—U.S. Treasury	\$ 13	\$ —	\$ —	\$ 13	\$ —	
Debt Securities—Govt Other	\$ 8	\$ —	\$ —	\$ 8	\$ —	
Debt Securities—Corporate	\$ 22	\$ —	\$ —	\$ 22	\$ —	
PSEG Power						
Assets:						
Derivative Contracts:						
Energy-Related Contracts (A)	\$ 162	\$ (733)	\$ 7	\$ 881	\$ 7	
NDT Fund (B)						
Equity Securities	\$ 1,063	\$ —	\$ 1,062	\$ 1	\$ —	
Debt Securities—U.S. Treasury	\$ 213	\$ —	\$ —	\$ 213	\$ —	
Debt Securities—Govt Other	\$ 350	\$ —	\$ —	\$ 350	\$ —	
Debt Securities—Corporate	\$ 490	\$ —	\$ —	\$ 490	\$ —	
Rabbi Trust (B)						
Equity Securities	\$ 7	\$ —	\$ 7	\$ —	\$ —	
Debt Securities—U.S. Treasury	\$ 16	\$ —	\$ —	\$ 16	\$ —	
Debt Securities—Govt Other	\$ 11	\$ —	\$ —	\$ 11	\$ —	
Debt Securities—Corporate	\$ 27	\$ —	\$ —	\$ 27	\$ —	
Liabilities:						
Derivative Contracts:						
Energy-Related Contracts (A)	\$ (29)	\$ 719	\$ (43)	\$ (702)	\$ (3)	

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Description	Recurring Fair Value Measurements as of December 31, 2018				
	Total	Netting (D)	Quoted Market Prices for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
	Millions				
PSEG					
Assets:					
Cash Equivalents (E)	\$ 100	\$ —	\$ 100	\$ —	\$ —
Derivative Contracts:					
Energy-Related Contracts (A)	\$ 12	\$ (551)	\$ 29	\$ 527	\$ 7
NDT Fund (B)					
Equity Securities	\$ 900	\$ —	\$ 898	\$ 2	\$ —
Debt Securities—U.S. Treasury	\$ 171	\$ —	\$ —	\$ 171	\$ —
Debt Securities—Govt Other	\$ 320	\$ —	\$ —	\$ 320	\$ —
Debt Securities—Corporate	\$ 487	\$ —	\$ —	\$ 487	\$ —
Rabbi Trust (B)					
Equity Securities	\$ 23	\$ —	\$ 23	\$ —	\$ —
Debt Securities—U.S. Treasury	\$ 69	\$ —	\$ —	\$ 69	\$ —
Debt Securities—Govt Other	\$ 40	\$ —	\$ —	\$ 40	\$ —
Debt Securities—Corporate	\$ 92	\$ —	\$ —	\$ 92	\$ —
Liabilities:					
Derivative Contracts:					
Energy-Related Contracts (A)	\$ (15)	\$ 704	\$ (36)	\$ (677)	\$ (6)
PSE&G					
Assets:					
Rabbi Trust (B)					
Equity Securities	\$ 5	\$ —	\$ 5	\$ —	\$ —
Debt Securities—U.S. Treasury	\$ 14	\$ —	\$ —	\$ 14	\$ —
Debt Securities—Govt Other	\$ 8	\$ —	\$ —	\$ 8	\$ —
Debt Securities—Corporate	\$ 18	\$ —	\$ —	\$ 18	\$ —
PSEG Power					
Assets:					
Derivative Contracts:					
Energy-Related Contracts (A)	\$ 12	\$ (551)	\$ 29	\$ 527	\$ 7
NDT Fund (B)					
Equity Securities	\$ 900	\$ —	\$ 898	\$ 2	\$ —
Debt Securities—U.S. Treasury	\$ 171	\$ —	\$ —	\$ 171	\$ —
Debt Securities—Govt Other	\$ 320	\$ —	\$ —	\$ 320	\$ —
Debt Securities—Corporate	\$ 487	\$ —	\$ —	\$ 487	\$ —
Rabbi Trust (B)					
Equity Securities	\$ 6	\$ —	\$ 6	\$ —	\$ —
Debt Securities—U.S. Treasury	\$ 17	\$ —	\$ —	\$ 17	\$ —
Debt Securities—Govt Other	\$ 10	\$ —	\$ —	\$ 10	\$ —
Debt Securities—Corporate	\$ 23	\$ —	\$ —	\$ 23	\$ —
Liabilities:					
Derivative Contracts:					
Energy-Related Contracts (A)	\$ (15)	\$ 704	\$ (36)	\$ (677)	\$ (6)

(A) Level 1—These contracts represent natural gas futures contracts executed on NYMEX, and are being valued solely on settled pricing inputs which come directly from the exchange.

Level 2—Fair values for energy-related contracts are obtained primarily using a market-based approach. Most derivative contracts (forward purchase or sale contracts and swaps) are valued using settled prices from similar assets and liabilities from an exchange, such as NYMEX, ICE and Nodal

Exchange, or auction prices. Prices used in the valuation process are also corroborated independently by management to determine that values are based on actual transaction data or, in the absence of transactions, bid and offers for the day. Examples may include certain exchange and non-exchange traded capacity and electricity contracts and natural gas physical or swap contracts

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

Table of Contents

based on market prices, basis adjustments and other premiums where adjustments and premiums are not considered significant to the overall inputs.

Level 3—Unobservable inputs are used for the valuation of certain contracts. See “Additional Information Regarding Level 3 Measurements” below for more information on the utilization of unobservable inputs.

- (B) As of June 30, 2019, the fair value measurement table excludes cash of \$1 million and foreign currency of \$1 million. The NDT Fund maintains investments in various equity and fixed income securities. The Rabbi Trust maintains investments in a Russell 3000 index fund and various fixed income securities. These securities are generally valued with prices that are either exchange provided (equity securities) or market transactions for comparable securities and/or broker quotes (fixed income securities).

Level 1—Investments in marketable equity securities within the NDT Fund are primarily investments in common stocks across a broad range of industries and sectors. Most equity securities are priced utilizing the principal market close price or, in some cases, midpoint, bid or ask price. Certain other equity securities in the NDT and Rabbi Trust Funds consist primarily of investments in money market funds which seek a high level of current income as is consistent with the preservation of capital and the maintenance of liquidity. To pursue its goals, the funds normally invest in diversified portfolios of high quality, short-term, dollar-denominated debt securities and government securities. The funds’ net asset value (NAV) is priced and published daily. The Rabbi Trust’s Russell 3000 index fund is valued based on quoted prices in an active market and can be redeemed daily without restriction.

Level 2—NDT and Rabbi Trust fixed income securities include investment grade corporate bonds, collateralized mortgage obligations, asset-backed securities and certain government and U.S. Treasury obligations or Federal Agency asset-backed securities and municipal bonds with a wide range of maturities. Since many fixed income securities do not trade on a daily basis, they are priced using an evaluated pricing methodology that varies by asset class and reflects observable market information such as the most recent exchange price or quoted bid for similar securities. Market-based standard inputs typically include benchmark yields, reported trades, broker/dealer quotes and issuer spreads. The preferred stocks are not actively traded on a daily basis and therefore, are also priced using an evaluated pricing methodology. Certain short-term investments are valued using observable market prices or market parameters such as time-to-maturity, coupon rate, quality rating and current yield.

- (C) Interest rate swaps are valued using quoted prices on commonly quoted intervals, which are interpolated for periods different than the quoted intervals, as inputs to a market valuation model. Market inputs can generally be verified and model selection does not involve significant management judgment.
- (D) Represents the netting of fair value balances with the same counterparty (where the right of offset exists) and the application of collateral. See Note 13. Financial Risk Management Activities for additional detail.
- (E) Represents money market mutual funds.

Additional Information Regarding Level 3 Measurements

For valuations that include both observable and unobservable inputs, if the unobservable input is determined to be significant to the overall inputs, the entire valuation is categorized in Level 3. This includes derivatives valued using indicative price quotations for contracts with tenors that extend into periods with no observable pricing. In instances where observable data is unavailable, consideration is given to the assumptions that market participants would use in valuing the asset or liability. This includes assumptions about market risks such as liquidity, volatility and contract duration. Such instruments are categorized in Level 3 because the model inputs generally are not observable. PSEG’s Risk Management Committee (RMC) approves risk management policies and objectives for risk assessment, control and valuation, counterparty credit approval and the monitoring and reporting of risk exposures. The RMC reports to the Corporate Governance and Audit Committees of the PSEG Board on the scope of the risk management activities and is responsible for approving all valuation procedures at PSEG.

Forward price curves for the power market utilized by PSEG Power to manage the portfolio are maintained and reviewed by PSEG’s Enterprise Risk Management market pricing group and used for financial reporting purposes. PSEG considers credit and nonperformance risk in the valuation of derivative contracts categorized in Levels 2 and 3, including both historical and current market data, in its assessment of credit and nonperformance risk by counterparty. The impacts of credit and nonperformance risk were not material to the financial statements.

The fair value of PSEG Power’s electric load contracts in which load consumption may change hourly based on demand are measured using certain unobservable inputs, such as historic load variability and, accordingly, are categorized as Level 3. The fair value of PSEG Power’s gas physical contracts at certain illiquid delivery locations are measured using average historical basis and, accordingly, are categorized as Level 3. While these physical gas contracts have an unobservable component in their

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

respective forward price curves, the fluctuations in fair value have been driven primarily by changes in the observable inputs. The following tables provide details surrounding significant Level 3 valuations as of June 30, 2019 and December 31, 2018.

Quantitative Information About Level 3 Fair Value Measurements						
Commodity	Level 3 Position	Fair Value as of June 30, 2019		Valuation Technique(s)	Significant Unobservable Input	Range
		Assets	(Liabilities)			
Millions						
PSEG Power						
Electricity	Electric Load Contracts	\$ 7	\$ —	Discounted Cash flow	Historic Load Variability	0% to 15%
Gas	Gas Physical Contracts	—	(3)	Discounted Cash flow	Average Historical Basis	-40% to 0%
Total PSEG Power		\$ 7	\$ (3)			
Total PSEG		\$ 7	\$ (3)			

Quantitative Information About Level 3 Fair Value Measurements						
Commodity	Level 3 Position	Fair Value as of December 31, 2018		Valuation Technique(s)	Significant Unobservable Input	Range
		Assets	(Liabilities)			
Millions						
PSEG Power						
Electricity	Electric Load Contracts	\$ 2	\$ (5)	Discounted Cash flow	Historic Load Variability	0% to 15%
Gas	Gas Physical Contracts	5	(1)	Discounted Cash flow	Average Historical Basis	-40% to 0%
Total PSEG Power		\$ 7	\$ (6)			
Total PSEG		\$ 7	\$ (6)			

Significant unobservable inputs listed above would have a direct impact on the fair values of the above Level 3 instruments if they were adjusted. For energy-related contracts in cases where PSEG Power is a seller, an increase in the load variability would decrease the fair value. For gas-related contracts in cases where PSEG Power is a buyer, an increase in the average historical basis would increase the fair value.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

A reconciliation of the beginning and ending balances of Level 3 derivative contracts and securities for the three months and six months ended June 30, 2019 and June 30, 2018, respectively, follows:

**Changes in Level 3 Assets and (Liabilities) Measured at Fair Value on a Recurring Basis
for the Three Months and Six Months Ended June 30, 2019**

Three Months Ended June 30, 2019						
Description	Balance as of March 31, 2019	Total Gains or (Losses) Realized/Unrealized Included in Income (A)	Purchases (Sales)	Issuances/ Settlements (B)	Transfers In/Out (C)	Balance as of June 30, 2019
Millions						
PSEG and PSEG Power						
Net Derivative Assets						
(Liabilities)	\$ (2)	\$ 8	\$ —	\$ (2)	\$ —	\$ 4
Six Months Ended June 30, 2019						
Description	Balance as of December 31, 2018	Total Gains or (Losses) Realized/Unrealized Included in Income (A)	Purchases (Sales)	Issuances/ Settlements (B)	Transfers In/Out (C)	Balance as of June 30, 2019
Millions						
PSEG and PSEG Power						
Net Derivative Assets						
(Liabilities)	\$ 1	\$ 9	\$ —	\$ (6)	\$ —	\$ 4

**Changes in Level 3 Assets and (Liabilities) Measured at Fair Value on a Recurring Basis
for the Three Months and Six Months Ended June 30, 2018**

Three Months Ended June 30, 2018						
Description	Balance as of March 31, 2018	Total Gains or (Losses) Realized/Unrealized Included in Income (A)	Purchases (Sales)	Issuances/ Settlements (B)	Transfers In/Out (C)	Balance as of June 30, 2018
Millions						
PSEG and PSEG Power						
Net Derivative Assets						
(Liabilities)	\$ 7	\$ (3)	\$ —	\$ —	\$ —	\$ 4
Six Months Ended June 30, 2018						
Description	Balance as of December 31, 2017	Total Gains or (Losses) Realized/Unrealized Included in Income (A)	Purchases (Sales)	Issuances/ Settlements (B)	Transfers In/Out (C)	Balance as of June 30, 2018
Millions						
PSEG and PSEG Power						
Net Derivative Assets						
(Liabilities)	\$ 7	\$ (4)	\$ —	\$ 1	\$ —	\$ 4

(A) Unrealized gains (losses) in the following table represent the change in derivative assets and liabilities still held as of June 30, 2019 and 2018.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

	Three Months Ended June 30,				Six Months Ended June 30,			
	2019		2018		2019		2018	
	Total Gains (Losses)	Unrealized Gains (Losses)	Total Gains (Losses)	Unrealized Gains (Losses)	Total Gains (Losses)	Unrealized Gains (Losses)	Total Gains (Losses)	Unrealized Gains (Losses)
Millions								
PSEG and PSEG Power								
Operating Revenues	\$ 11	\$ 9	\$ (7)	\$ (7)	\$ 17	\$ 9	\$ 1	\$ 1
Energy Costs	(3)	(3)	4	3	(8)	(6)	(5)	(6)
Total	<u>\$ 8</u>	<u>\$ 6</u>	<u>\$ (3)</u>	<u>\$ (4)</u>	<u>\$ 9</u>	<u>\$ 3</u>	<u>\$ (4)</u>	<u>\$ (5)</u>

(B) Represents settlements of \$(2) million for the three months ended June 30, 2019 and \$(6) million and \$1 million for the six months ended June 30, 2019 and 2018, respectively.

(C) There were no transfers into or out of Level 3 during the three months and six months ended June 30, 2019 and 2018.

As of June 30, 2019, PSEG carried \$2.5 billion of net assets that are measured at fair value on a recurring basis, of which \$4 million of net liabilities was measured using unobservable inputs and classified as Level 3 within the fair value hierarchy.

As of June 30, 2018, PSEG carried \$2.3 billion of net assets that are measured at fair value on a recurring basis, of which \$4 million of net assets were measured using unobservable inputs and classified as Level 3 within the fair value hierarchy.

Fair Value of Debt

The estimated fair values were determined using the market quotations or values of instruments with similar terms, credit ratings, remaining maturities and redemptions as of June 30, 2019 and December 31, 2018.

	As of June 30, 2019		As of December 31, 2018	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
Millions				
Long-Term Debt:				
PSEG (A) (B)	\$ 2,840	\$ 2,855	\$ 2,443	\$ 2,397
PSE&G (B)	9,680	10,697	9,184	9,374
PSEG Power (B)	2,837	3,133	2,835	2,996
Total Long-Term Debt	<u>\$ 15,357</u>	<u>\$ 16,685</u>	<u>\$ 14,462</u>	<u>\$ 14,767</u>

(A) As of June 30, 2019 and December 31, 2018, includes floating rate term loans of \$700 million and \$1,050 million, respectively. The fair values of the term loan debt (Level 2 measurement) approximate the carrying value because the interest payments are based on LIBOR rates that are reset monthly and the debt is redeemable at face value by PSEG at any time.

(B) Given that these bonds do not trade actively, the fair value amounts of taxable debt securities (primarily Level 2 measurements) are generally determined by a valuation model that is based on a conventional discounted cash flow methodology and utilizes assumptions of current market pricing curves. In order to incorporate the credit risk into the discount rates, pricing (i.e. U.S. Treasury rate plus credit spread) is based on expected new issue pricing across each of the companies' respective debt maturity spectrum. The credit spreads of various tenors obtained from this information are added to the appropriate benchmark U.S. Treasury rates in order to determine the current market yields for the various tenors. The yields are then converted into discount rates of various tenors that are used for discounting the respective cash flows of the same tenor for each bond or note. The fair value amounts above do not represent the price at which the outstanding debt may be called for redemption by each issuer under their respective debt agreements.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Note 15. Other Income (Deductions)

	PSE&G	PSEG Power	Other (A)	Consolidated
	Millions			
Three Months Ended June 30, 2019				
NDT Fund Interest and Dividends	\$ —	\$ 16	\$ —	\$ 16
Allowance for Funds Used During Construction	14	—	—	14
Solar Loan Interest	4	—	—	4
Other	1	(1)	(1)	(1)
Total Other Income (Deductions)	\$ 19	\$ 15	\$ (1)	\$ 33
Six Months Ended June 30, 2019				
NDT Fund Interest and Dividends	\$ —	\$ 30	\$ —	\$ 30
Allowance for Funds Used During Construction	27	—	—	27
Solar Loan Interest	8	—	—	8
Other	3	(2)	—	1
Total Other Income (Deductions)	\$ 38	\$ 28	\$ —	\$ 66
Three Months Ended June 30, 2018				
NDT Fund Interest and Dividends	\$ —	\$ 15	\$ —	\$ 15
Allowance for Funds Used During Construction	13	—	—	13
Solar Loan Interest	5	—	—	5
Other	2	(2)	1	1
Total Other Income (Deductions)	\$ 20	\$ 13	\$ 1	\$ 34
Six Months Ended June 30, 2018				
NDT Fund Interest and Dividends	\$ —	\$ 27	\$ —	\$ 27
Allowance for Funds Used During Construction	27	—	—	27
Solar Loan Interest	9	—	—	9
Other	4	(3)	2	3
Total Other Income (Deductions)	\$ 40	\$ 24	\$ 2	\$ 66

(A) Other consists of activity at PSEG (as parent company), Energy Holdings, Services, PSEG LI and intercompany eliminations.

Note 16. Income Taxes

PSEG's, PSE&G's and PSEG Power's effective tax rates for the three months and six months ended June 30, 2019 and 2018 were as follows:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
PSEG	(15.0)%	26.5%	13.1%	26.6%
PSE&G	5.8%	25.7%	5.8%	26.4%
PSEG Power	21.6%	31.7%	30.6%	27.1%

For the three months and six months ended June 30, 2019, the differences in PSEG's and PSE&G's effective tax rates as compared to the same periods in the prior year and the statutory tax rate of 28.11% were due primarily to the flowback of PSE&G's excess deferred income tax liabilities as a result of the Tax Act and tax repair-related accumulated deferred income taxes as a result of PSE&G's 2018 settled distribution base rate case and the FERC approved Section 205 filing, where applicable.

For the three months ended June 30, 2019, the differences in PSEG Power's effective tax rates as compared to the same periods in the prior year and the statutory tax rate of 28.11% were due primarily to the impact higher NDT qualified fund trust tax had on a pre-tax loss. For the six months ended June 30, 2019, the differences in PSEG Power's effective tax rates as compared to the same periods in the prior year and the statutory rate of 28.11% were due primarily to higher pre-tax income from the NDT qualified fund in 2019, which is subject to an additional trust tax.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

[Table of Contents](#)

Tax Act

Effective January 1, 2018, the U.S. federal corporate tax rate was reduced from a maximum of 35% to 21% resulting in a decrease in PSEG's, PSE&G's and PSEG Power's effective income tax rates. To the extent allowed under the Tax Act, PSEG Power's operating cash flows reflect the full expensing of capital investments for income tax purposes. The Tax Act has led to lower customer rates due to lower income tax expense recoveries and the BPU and FERC have approved PSEG's proposals to refund excess deferred income tax Regulatory Liabilities. The impact of the lower federal income tax rate on PSE&G was reflected in PSE&G's distribution base rate proceeding and its 2018 transmission formula rate filings. The Tax Act is generally expected to result in lower operating cash flows for PSE&G resulting from the elimination of bonus depreciation, partially offset by higher revenues due to the higher rate base.

In August 2018, the IRS issued a Notice of Proposed Rulemaking (Notice) regarding the application of tax depreciation rules as amended by the Tax Act. While the Notice provides some guidance as to the application of the changes made by the Tax Act to the bonus depreciation rules, certain aspects still remain unclear. Further, in November 2018 the IRS issued proposed regulations addressing the interest disallowance rules contained in the Tax Act. For non-regulated businesses, these rules set a cap on the amount of interest that can be deducted in a given year. Any amount that is disallowed can be carried forward indefinitely. For 2019, PSEG and PSEG Power expect that a portion of the interest will be disallowed in the current period but realized in future periods. However, certain aspects of the proposed regulations are unclear. Therefore, PSEG recorded taxes based on its interpretation of the relevant statutes.

Depreciation amounts recorded in 2019 were based on PSEG's interpretation of the Tax Act and the depreciation rules contained in the Notice. Such amounts are subject to change based on several factors, including but not limited to, the IRS and state taxing authorities issuing final guidance and/or further clarification. Any further guidance or clarification could impact PSEG's, PSE&G's and PSEG Power's financial statements.

New Jersey State Tax Reform

In 2018, the State of New Jersey made significant changes to its income tax laws, including imposing a temporary surtax of 2.5% effective January 1, 2018 and 2019 and 1.5% in 2020 and 2021, as well as requiring corporate taxpayers to file in a combined reporting group as defined under New Jersey law starting in 2019. Both provisions include an exemption for public utilities. At this time, PSEG believes PSE&G meets the definition of a public utility and, therefore, will not be impacted by the temporary surtax or be included in the combined reporting group.

In 2019, the State of New Jersey issued further guidance regarding the temporary surtax and clarified that New Jersey net operating loss carryovers can be deducted in computing a taxpayer's entire net income.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Note 17. Accumulated Other Comprehensive Income (Loss), Net of Tax

PSEG	Three Months Ended June 30, 2019			
	Cash Flow Hedges	Pension and OPEB Plans	Available-for-Sale Securities	Total
Accumulated Other Comprehensive Income (Loss)				
	Millions			
Balance as of March 31, 2019	\$ (5)	\$ (441)	\$ 5	\$ (441)
Other Comprehensive Income before Reclassifications	(13)	—	21	8
Amounts Reclassified from Accumulated Other Comprehensive Income (Loss)	—	4	(3)	1
Net Current Period Other Comprehensive Income (Loss)	(13)	4	18	9
Balance as of June 30, 2019	\$ (18)	\$ (437)	\$ 23	\$ (432)

PSEG	Three Months Ended June 30, 2018			
	Cash Flow Hedges	Pension and OPEB Plans	Available-for-Sale Securities	Total
Accumulated Other Comprehensive Income (Loss)				
	Millions			
Balance as of March 31, 2018	\$ —	\$ (398)	\$ (13)	\$ (411)
Other Comprehensive Income before Reclassifications	(1)	—	(6)	(7)
Amounts Reclassified from Accumulated Other Comprehensive Income (Loss)	—	7	1	8
Net Current Period Other Comprehensive Income (Loss)	(1)	7	(5)	1
Balance as of June 30, 2018	\$ (1)	\$ (391)	\$ (18)	\$ (410)

PSEG	Six Months Ended June 30, 2019			
	Cash Flow Hedges	Pension and OPEB Plans	Available-for-Sale Securities	Total
Accumulated Other Comprehensive Income (Loss)				
	Millions			
Balance as of December 31, 2018	\$ (1)	\$ (360)	\$ (16)	\$ (377)
Cumulative Effect Adjustment to Reclassify Stranded Tax Effects Resulting from the Change in the Federal Corporate Income Tax Rate to Retained Earnings	—	(81)	—	(81)
Current Period Other Comprehensive Income (Loss)				
Other Comprehensive Income before Reclassifications	(17)	(3)	41	21
Amounts Reclassified from Accumulated Other Comprehensive Income (Loss)	—	7	(2)	5
Net Current Period Other Comprehensive Income (Loss)	(17)	4	39	26
Net Change in Accumulated Other Comprehensive Income (Loss)	(17)	(77)	39	(55)
Balance as of June 30, 2019	\$ (18)	\$ (437)	\$ 23	\$ (432)

PSEG	Six Months Ended June 30, 2018			
	Cash Flow Hedges	Pension and OPEB Plans	Available-for-Sale Securities	Total
Accumulated Other Comprehensive Income (Loss)				
	Millions			
Balance as of December 31, 2017	\$ —	\$ (406)	\$ 177	\$ (229)
Cumulative Effect Adjustment to Reclassify Unrealized Net Gains on Equity Investments to Retained Earnings	—	—	(176)	(176)
Current Period Other Comprehensive Income (Loss)				
Other Comprehensive Income before Reclassifications	(1)	—	(22)	(23)
Amounts Reclassified from Accumulated Other Comprehensive Income (Loss)	—	15	3	18
Net Current Period Other Comprehensive Income (Loss)	(1)	15	(19)	(5)
Net Change in Accumulated Other Comprehensive Income (Loss)	(1)	15	(195)	(181)

Balance as of June 30, 2018	\$	(1)	\$	(391)	\$	(18)	\$	(410)
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**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

PSEG Power	Three Months Ended June 30, 2019			
	Cash Flow Hedges	Pension and OPEB Plans	Available-for-Sale Securities	Total
Accumulated Other Comprehensive Income (Loss)				
	Millions			
Balance as of March 31, 2019	\$ —	\$ (375)	\$ 3	\$ (372)
Other Comprehensive Income before Reclassifications	—	—	17	17
Amounts Reclassified from Accumulated Other Comprehensive Income (Loss)	—	3	(2)	1
Net Current Period Other Comprehensive Income (Loss)	—	3	15	18
Balance as of June 30, 2019	\$ —	\$ (372)	\$ 18	\$ (354)

PSEG Power	Three Months Ended June 30, 2018			
	Cash Flow Hedges	Pension and OPEB Plans	Available-for-Sale Securities	Total
Accumulated Other Comprehensive Income (Loss)				
	Millions			
Balance as of March 31, 2018	\$ —	\$ (341)	\$ (11)	\$ (352)
Other Comprehensive Income before Reclassifications	—	—	(5)	(5)
Amounts Reclassified from Accumulated Other Comprehensive Income (Loss)	—	6	1	7
Net Current Period Other Comprehensive Income (Loss)	—	6	(4)	2
Balance as of June 30, 2018	\$ —	\$ (335)	\$ (15)	\$ (350)

PSEG Power	Six Months Ended June 30, 2019			
	Cash Flow Hedges	Pension and OPEB Plans	Available-for-Sale Securities	Total
Accumulated Other Comprehensive Income (Loss)				
	Millions			
Balance as of December 31, 2018	\$ —	\$ (306)	\$ (13)	\$ (319)
Cumulative Effect Adjustment to Reclassify Stranded Tax Effects Resulting from the Change in the Federal Corporate Income Tax Rate to Retained Earnings	—	(69)	—	(69)
Current Period Other Comprehensive Income (Loss)				
Other Comprehensive Income before Reclassifications	—	(3)	32	29
Amounts Reclassified from Accumulated Other Comprehensive Income (Loss)	—	6	(1)	5
Net Current Period Other Comprehensive Income (Loss)	—	3	31	34
Net Change in Accumulated Other Comprehensive Income (Loss)	—	(66)	31	(35)
Balance as of June 30, 2019	\$ —	\$ (372)	\$ 18	\$ (354)

PSEG Power	Six Months Ended June 30, 2018			
	Cash Flow Hedges	Pension and OPEB Plans	Available-for-Sale Securities	Total
Accumulated Other Comprehensive Income (Loss)				
	Millions			
Balance as of December 31, 2017	\$ —	\$ (347)	\$ 175	\$ (172)
Cumulative Effect Adjustment to Reclassify Unrealized Net Gains on Equity Investments to Retained Earnings	—	—	(175)	(175)
Current Period Other Comprehensive Income (Loss)				
Other Comprehensive Income before Reclassifications	—	—	(18)	(18)
Amounts Reclassified from Accumulated Other Comprehensive Income (Loss)	—	12	3	15
Net Current Period Other Comprehensive Income (Loss)	—	12	(15)	(3)
Net Change in Accumulated Other Comprehensive Income (Loss)	—	12	(190)	(178)
Balance as of June 30, 2018	\$ —	\$ (335)	\$ (15)	\$ (350)

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

PSEG		Amounts Reclassified from Accumulated Other Comprehensive Income (Loss) to Income Statement					
		Three Months Ended			Six Months Ended		
		June 30, 2019			June 30, 2019		
Description of Amounts Reclassified from Accumulated Other Comprehensive Income (Loss)	Location of Pre-Tax Amount In Statement of Operations	Pre-Tax Amount	Tax (Expense) Benefit	After-Tax Amount	Pre-Tax Amount	Tax (Expense) Benefit	After-Tax Amount
Millions							
Cash Flow Hedges							
Interest Rate Swaps	Interest Expense	\$ (1)	\$ 1	\$ —	\$ (1)	\$ 1	\$ —
Total Cash Flow Hedges		(1)	1	—	(1)	1	—
Pension and OPEB Plans							
Amortization of Prior Service (Cost) Credit	Non-Operating Pension and OPEB Credits (Costs)	\$ 6	\$ (2)	\$ 4	\$ 13	\$ (4)	\$ 9
Amortization of Actuarial Loss	Non-Operating Pension and OPEB Credits (Costs)	(11)	3	(8)	(23)	7	(16)
Total Pension and OPEB Plans		(5)	1	(4)	(10)	3	(7)
Available-for-Sale Debt Securities							
Realized Gains (Losses)	Net Gains (Losses) on Trust Investments	4	(1)	3	3	(1)	2
Total Available-for-Sale Debt Securities		4	(1)	3	3	(1)	2
Total		\$ (2)	\$ 1	\$ (1)	\$ (8)	\$ 3	\$ (5)

PSEG		Amounts Reclassified from Accumulated Other Comprehensive Income (Loss) to Income Statement					
		Three Months Ended			Six Months Ended		
		June 30, 2018			June 30, 2018		
Description of Amounts Reclassified from Accumulated Other Comprehensive Income (Loss)	Location of Pre-Tax Amount In Statement of Operations	Pre-Tax Amount	Tax (Expense) Benefit	After-Tax Amount	Pre-Tax Amount	Tax (Expense) Benefit	After-Tax Amount
Millions							
Pension and OPEB Plans							
Amortization of Prior Service (Cost) Credit	Non-Operating Pension and OPEB Credits (Costs)	\$ 1	\$ —	\$ 1	\$ 2	\$ —	\$ 2
Amortization of Actuarial Loss	Non-Operating Pension and OPEB Credits (Costs)	(11)	3	(8)	(23)	6	(17)
Total Pension and OPEB Plans		(10)	3	(7)	(21)	6	(15)
Available-for-Sale Debt Securities							
Realized Gains (Losses)	Net Gains (Losses) on Trust Investments	(2)	1	(1)	(6)	3	(3)
Total Available-for-Sale Debt Securities		(2)	1	(1)	(6)	3	(3)
Total		\$ (12)	\$ 4	\$ (8)	\$ (27)	\$ 9	\$ (18)

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

PSEG Power		Amounts Reclassified from Accumulated Other Comprehensive Income (Loss) to Income Statement					
		Three Months Ended June 30, 2019			Six Months Ended June 30, 2019		
Description of Amounts Reclassified from Accumulated Other Comprehensive Income (Loss)	Location of Pre-Tax Amount In Statement of Operations	Pre-Tax Amount	Tax (Expense) Benefit	After-Tax Amount	Pre-Tax Amount	Tax (Expense) Benefit	After-Tax Amount
Millions							
Pension and OPEB Plans							
Amortization of Prior Service (Cost) Credit	Non-Operating Pension and OPEB Credits (Costs)	\$ 5	\$ (1)	\$ 4	\$ 11	\$ (3)	\$ 8
Amortization of Actuarial Loss	Non-Operating Pension and OPEB Credits (Costs)	(9)	2	(7)	(19)	5	(14)
Total Pension and OPEB Plans		(4)	1	(3)	(8)	2	(6)
Available-for-Sale Debt Securities							
	Net Gains (Losses) on Trust Investments						
Realized Gains (Losses)		3	(1)	2	2	(1)	1
Total Available-for-Sale Debt Securities		3	(1)	2	2	(1)	1
Total		\$ (1)	\$ —	\$ (1)	\$ (6)	\$ 1	\$ (5)

PSEG Power		Amounts Reclassified from Accumulated Other Comprehensive Income (Loss) to Income Statement					
		Three Months Ended June 30, 2018			Six Months Ended June 30, 2018		
Description of Amounts Reclassified from Accumulated Other Comprehensive Income (Loss)	Location of Pre-Tax Amount In Statement of Operations	Pre-Tax Amount	Tax (Expense) Benefit	After-Tax Amount	Pre-Tax Amount	Tax (Expense) Benefit	After-Tax Amount
Millions							
Pension and OPEB Plans							
Amortization of Prior Service (Cost) Credit	Non-Operating Pension and OPEB Credits (Costs)	\$ 1	\$ —	\$ 1	\$ 2	\$ —	\$ 2
Amortization of Actuarial Loss	Non-Operating Pension and OPEB Credits (Costs)	(9)	2	(7)	(19)	5	(14)
Total Pension and OPEB Plans		(8)	2	(6)	(17)	5	(12)
Available-for-Sale Debt Securities							
	Net Gains (Losses) on Trust Investments						
Realized Gains (Losses)		(2)	1	(1)	(6)	3	(3)
Total Available-for-Sale Debt Securities		(2)	1	(1)	(6)	3	(3)
Total		\$ (10)	\$ 3	\$ (7)	\$ (23)	\$ 8	\$ (15)

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

Note 18. Earnings Per Share (EPS) and Dividends

EPS

Diluted EPS is calculated by dividing Net Income by the weighted average number of shares of common stock outstanding, including shares issuable upon exercise of stock options outstanding or vesting of restricted stock awards granted under PSEG's stock compensation plans and upon payment of performance units or restricted stock units. The following table shows the effect of these stock options, performance units and restricted stock units on the weighted average number of shares outstanding used in calculating diluted EPS:

	Three Months Ended June 30,				Six Months Ended June 30,			
	2019		2018		2019		2018	
	Basic	Diluted	Basic	Diluted	Basic	Diluted	Basic	Diluted
EPS Numerator (Millions):								
Net Income	\$ 153	\$ 153	\$ 269	\$ 269	\$ 853	\$ 853	\$ 827	\$ 827
EPS Denominator (Millions):								
Weighted Average Common Shares Outstanding	504	504	504	504	504	504	504	504
Effect of Stock Based Compensation Awards	—	3	—	3	—	3	—	3
Total Shares	504	507	504	507	504	507	504	507
EPS								
Net Income	\$ 0.30	\$ 0.30	\$ 0.53	\$ 0.53	\$ 1.69	\$ 1.68	\$ 1.64	\$ 1.63

Dividends

Dividend Payments on Common Stock	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
Per Share	\$ 0.47	\$ 0.45	\$ 0.94	\$ 0.90
In Millions	\$ 237	\$ 228	\$ 475	\$ 455

On July 16, 2019, the PSEG Board approved a \$0.47 per share common stock dividend for the third quarter of 2019.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Note 19. Financial Information by Business Segment

	PSE&G	PSEG Power	Other (A)	Eliminations (B)	Consolidated Total
	Millions				
Three Months Ended June 30, 2019					
Total Operating Revenues	\$ 1,382	\$ 1,083	\$ 87	\$ (236)	\$ 2,316
Net Income (Loss) (C)	227	(40)	(34)	—	153
Gross Additions to Long-Lived Assets	633	172	4	—	809
Six Months Ended June 30, 2019					
Operating Revenues	\$ 3,414	\$ 2,499	\$ 228	\$ (845)	\$ 5,296
Net Income (Loss) (C)	630	256	(33)	—	853
Gross Additions to Long-Lived Assets	1,258	339	7	—	1,604
Three Months Ended June 30, 2018					
Total Operating Revenues	\$ 1,386	\$ 767	\$ 123	\$ (260)	\$ 2,016
Net Income (Loss)	231	41	(3)	—	269
Gross Additions to Long-Lived Assets	697	248	7	—	952
Six Months Ended June 30, 2018					
Operating Revenues	\$ 3,231	\$ 2,170	\$ 270	\$ (837)	\$ 4,834
Net Income (Loss)	550	275	2	—	827
Gross Additions to Long-Lived Assets	1,447	547	11	—	2,005
As of June 30, 2019					
Total Assets	\$ 32,185	\$ 12,704	\$ 2,405	\$ (1,014)	\$ 46,280
Investments in Equity Method Subsidiaries	\$ —	\$ 88	\$ —	\$ —	\$ 88
As of December 31, 2018					
Total Assets	\$ 31,109	\$ 12,594	\$ 2,604	\$ (981)	\$ 45,326
Investments in Equity Method Subsidiaries	\$ —	\$ 86	\$ —	\$ —	\$ 86

- (A) Includes amounts applicable to Energy Holdings and PSEG LI, which are below the quantitative threshold for separate disclosure as reportable segments. Other also includes amounts applicable to PSEG (parent corporation) and Services.
- (B) Intercompany eliminations primarily relate to intercompany transactions between PSE&G and PSEG Power. For a further discussion of the intercompany transactions between PSE&G and PSEG Power, see Note 20. Related-Party Transactions .
- (C) Includes an after-tax impairment charge of \$284 million in the three and six months ended June 30, 2019 related to the anticipated sale of PSEG Power's interests in the Keystone and Conemaugh fossil generation plants. See Note 4. Early Plant Retirements/Asset Dispositions for additional information.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Note 20. Related-Party Transactions

The following discussion relates to intercompany transactions, which are eliminated during the PSEG consolidation process in accordance with GAAP.

PSE&G

The financial statements for PSE&G include transactions with related parties presented as follows:

<u>Related-Party Transactions</u>	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
	Millions			
Billings from Affiliates:				
Net Billings from PSEG Power (A)	\$ 246	\$ 272	\$ 879	\$ 850
Administrative Billings from Services (B)	80	85	155	168
Total Billings from Affiliates	\$ 326	\$ 357	\$ 1,034	\$ 1,018

<u>Related-Party Transactions</u>	As of June 30, 2019	As of December 31, 2018
	Millions	
Receivable from PSEG (C)	\$ 4	\$ 123
Payable to PSEG Power (A)	\$ 124	\$ 245
Payable to Services (B)	60	76
Accounts Payable—Affiliated Companies	\$ 184	\$ 321
Noncurrent Payable to PSEG Power (A)	\$ 8	\$ —
Working Capital Advances to Services (D)	\$ 33	\$ 33
Long-Term Accrued Taxes Payable	\$ 102	\$ 69

PSEG Power

The financial statements for PSEG Power include transactions with related parties presented as follows:

<u>Related-Party Transactions</u>	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
	Millions			
Billings to Affiliates:				
Net Billings to PSE&G (A)	\$ 246	\$ 272	\$ 879	\$ 850
Billings from Affiliates:				
Administrative Billings from Services (B)	\$ 46	\$ 32	\$ 91	\$ 75

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

[Table of Contents](#)

<u>Related-Party Transactions</u>	As of	
	June 30, 2019	December 31, 2018
	Millions	
Receivable from PSE&G (A)	\$ 124	\$ 245
Receivable from PSEG (C)	93	29
Accounts Receivable—Affiliated Companies	\$ 217	\$ 274
Payable to Services (B)	\$ 22	\$ 16
Accounts Payable—Affiliated Companies	\$ 22	\$ 16
Short-Term Loan to (from) Affiliate (E)	\$ 348	\$ (193)
Noncurrent Receivable from PSE&G (A)	\$ 8	\$ —
Working Capital Advances to Services (D)	\$ 17	\$ 17
Long-Term Accrued Taxes Payable	\$ 103	\$ 76

- (A) PSE&G has entered into a requirements contract with PSEG Power under which PSEG Power provides the gas supply services needed to meet PSE&G's BGSS and other contractual requirements. PSEG Power has also entered into contracts to supply energy, capacity and ancillary services to PSE&G through the BGS auction process and sells ZECs to PSE&G under the ZEC program. The rates in the BGS and BGSS contracts and for the ZEC sales are prescribed by the BPU. BGS and BGSS sales are billed and settled on a monthly basis. ZEC sales are billed on a monthly basis and settled annually following completion of each energy year. In addition, PSEG Power and PSE&G provide certain technical services for each other generally at cost in compliance with FERC and BPU affiliate rules.
- (B) Services provides and bills administrative services to PSE&G and PSEG Power at cost. In addition, PSE&G and PSEG Power have other payables to Services, including amounts related to certain common costs, such as pension and OPEB costs, which Services pays on behalf of each of the operating companies.
- (C) PSEG files a consolidated federal income tax return with its affiliated companies. A tax allocation agreement exists between PSEG and each of its affiliated companies. The general operation of these agreements is that the subsidiary company will compute its taxable income on a stand-alone basis. If the result is a net tax liability, such amount shall be paid to PSEG. If there are net operating losses and/or tax credits, the subsidiary shall receive payment for the tax savings from PSEG to the extent that PSEG is able to utilize those benefits.
- (D) PSE&G and PSEG Power have advanced working capital to Services. The amounts are included in Other Noncurrent Assets on PSE&G's and PSEG Power's Condensed Consolidated Balance Sheets.
- (E) PSEG Power's short-term loans with PSEG are for working capital and other short-term needs. Interest Income and Interest Expense relating to these short-term funding activities were immaterial.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

Note 21. Guarantees of Debt

PSEG Power's Senior Notes are fully and unconditionally and jointly and severally guaranteed by its subsidiaries, PSEG Fossil LLC, PSEG Nuclear LLC and PSEG Energy Resources & Trade LLC. The following tables present condensed financial information for the guarantor subsidiaries, as well as PSEG Power's non-guarantor subsidiaries, as of June 30, 2019 and December 31, 2018 and for the three months and six months ended June 30, 2019 and 2018.

	PSEG Power	Guarantor Subsidiaries	Other Subsidiaries	Consolidating Adjustments	Total
	Millions				
Three Months Ended June 30, 2019					
Operating Revenues	\$ —	\$ 1,063	\$ 66	\$ (46)	\$ 1,083
Operating Expenses	2	1,148	65	(46)	1,169
Operating Income (Loss)	(2)	(85)	1	—	(86)
Equity Earnings (Losses) of Subsidiaries	(15)	(10)	5	25	5
Net Gains (Losses) on Trust Investments	—	38	—	—	38
Other Income (Deductions)	45	58	—	(88)	15
Non-Operating Pension and OPEB Credits (Costs)	—	3	—	—	3
Interest Expense	(78)	(24)	(12)	88	(26)
Income Tax Benefit (Expense)	10	(1)	2	—	11
Net Income (Loss)	\$ (40)	\$ (21)	\$ (4)	\$ 25	\$ (40)
Comprehensive Income (Loss)	\$ (22)	\$ (8)	\$ (4)	\$ 12	\$ (22)
Six Months Ended June 30, 2019					
Operating Revenues	\$ —	\$ 2,464	\$ 122	\$ (87)	\$ 2,499
Operating Expenses	3	2,242	126	(87)	2,284
Operating Income (Loss)	(3)	222	(4)	—	215
Equity Earnings (Losses) of Subsidiaries	294	(18)	7	(276)	7
Net Gains (Losses) on Trust Investments	1	163	—	—	164
Other Income (Deductions)	92	113	—	(177)	28
Non-Operating Pension and OPEB Credits (Costs)	—	6	—	—	6
Interest Expense	(153)	(55)	(20)	177	(51)
Income Tax Benefit (Expense)	25	(145)	7	—	(113)
Net Income (Loss)	\$ 256	\$ 286	\$ (10)	\$ (276)	\$ 256
Comprehensive Income (Loss)	\$ 290	\$ 314	\$ (10)	\$ (304)	\$ 290
Six Months Ended June 30, 2019					
Net Cash Provided By (Used In) Operating Activities	\$ (66)	\$ 1,213	\$ 81	\$ (78)	\$ 1,150
Net Cash Provided By (Used In) Investing Activities	\$ (445)	\$ (1,100)	\$ (220)	\$ 1,051	\$ (714)
Net Cash Provided By (Used In) Financing Activities	\$ 511	\$ (116)	\$ 134	\$ (973)	\$ (444)

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

	PSEG Power	Guarantor Subsidiaries	Other Subsidiaries	Consolidating Adjustments	Total
	Millions				
Three Months Ended June 30, 2018					
Operating Revenues	\$ —	\$ 747	\$ 51	\$ (31)	\$ 767
Operating Expenses	3	704	49	(31)	725
Operating Income (Loss)	(3)	43	2	—	42
Equity Earnings (Losses) of Subsidiaries	55	(4)	5	(51)	5
Net Gains (Losses) on Trust Investments	—	8	—	—	8
Other Income (Deductions)	41	40	—	(68)	13
Non-Operating Pension and OPEB Credits (Costs)	—	2	1	—	3
Interest Expense	(54)	(19)	(6)	68	(11)
Income Tax Benefit (Expense)	2	(23)	2	—	(19)
Net Income (Loss)	\$ 41	\$ 47	\$ 4	\$ (51)	\$ 41
Comprehensive Income (Loss)	\$ 43	\$ 44	\$ 4	\$ (48)	\$ 43
Six Months Ended June 30, 2018					
Operating Revenues	\$ —	\$ 2,133	\$ 102	\$ (65)	\$ 2,170
Operating Expenses	3	1,760	101	(65)	1,799
Operating Income (Loss)	(3)	373	1	—	371
Equity Earnings (Losses) of Subsidiaries	289	(7)	7	(282)	7
Net Gains (Losses) on Trust Investments	—	(14)	—	—	(14)
Other Income (Deductions)	76	73	—	(125)	24
Non-Operating Pension and OPEB Credits (Costs)	—	6	1	—	7
Interest Expense	(96)	(36)	(11)	125	(18)
Income Tax Benefit (Expense)	9	(115)	4	—	(102)
Net Income (Loss)	\$ 275	\$ 280	\$ 2	\$ (282)	\$ 275
Comprehensive Income (Loss)	\$ 272	\$ 267	\$ 2	\$ (269)	\$ 272
Six Months Ended June 30, 2018					
Net Cash Provided By (Used In) Operating Activities	\$ 34	\$ 745	\$ (8)	\$ 98	\$ 869
Net Cash Provided By (Used In) Investing Activities	\$ (840)	\$ (867)	\$ (196)	\$ 808	\$ (1,095)
Net Cash Provided By (Used In) Financing Activities	\$ 806	\$ 123	\$ 191	\$ (906)	\$ 214

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)**

[Table of Contents](#)

	PSEG Power	Guarantor Subsidiaries	Other Subsidiaries	Consolidating Adjustments	Total
	Millions				
As of June 30, 2019					
Current Assets	\$ 4,804	\$ 1,964	\$ 315	\$ (5,516)	\$ 1,567
Property, Plant and Equipment, net	46	4,452	3,971	—	8,469
Investment in Subsidiaries	5,279	1,090	—	(6,369)	—
Noncurrent Assets	281	2,510	138	(261)	2,668
Total Assets	\$ 10,410	\$ 10,016	\$ 4,424	\$ (12,146)	\$ 12,704
Current Liabilities	\$ 1,438	\$ 2,936	\$ 2,167	\$ (5,516)	\$ 1,025
Noncurrent Liabilities	539	2,143	827	(261)	3,248
Long-Term Debt	2,431	—	—	—	2,431
Member's Equity	6,002	4,937	1,430	(6,369)	6,000
Total Liabilities and Member's Equity	\$ 10,410	\$ 10,016	\$ 4,424	\$ (12,146)	\$ 12,704
As of December 31, 2018					
Current Assets	\$ 4,317	\$ 1,479	\$ 304	\$ (4,593)	\$ 1,507
Property, Plant and Equipment, net	49	4,971	3,822	—	8,842
Investment in Subsidiaries	5,062	1,107	—	(6,169)	—
Noncurrent Assets	273	2,109	101	(238)	2,245
Total Assets	\$ 9,701	\$ 9,666	\$ 4,227	\$ (11,000)	\$ 12,594
Current Liabilities	\$ 437	\$ 2,971	\$ 2,027	\$ (4,593)	\$ 842
Noncurrent Liabilities	513	1,996	730	(238)	3,001
Long-Term Debt	2,791	—	—	—	2,791
Member's Equity	5,960	4,699	1,470	(6,169)	5,960
Total Liabilities and Member's Equity	\$ 9,701	\$ 9,666	\$ 4,227	\$ (11,000)	\$ 12,594

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (MD&A)

This combined MD&A is separately filed by Public Service Enterprise Group Incorporated (PSEG), Public Service Electric and Gas Company (PSE&G) and PSEG Power LLC (PSEG Power). Information contained herein relating to any individual company is filed by such company on its own behalf. PSE&G and PSEG Power each make representations only as to itself and make no representations whatsoever as to any other company.

PSEG's business consists of two reportable segments, our principal direct wholly owned subsidiaries, which are:

- **PSE&G** —which is a public utility engaged principally in the transmission of electricity and distribution of electricity and natural gas in certain areas of New Jersey. PSE&G is subject to regulation by the New Jersey Board of Public Utilities (BPU) and the Federal Energy Regulatory Commission (FERC). PSE&G also invests in regulated solar generation projects and energy efficiency and related programs in New Jersey, which are regulated by the BPU, and
- **PSEG Power** —which is a multi-regional energy supply company that integrates the operations of its merchant nuclear and fossil generating assets with its power marketing businesses and fuel supply functions through competitive energy sales in well-developed energy markets primarily in the Northeast and Mid-Atlantic United States through its principal direct wholly owned subsidiaries. In addition, PSEG Power owns and operates solar generation in various states. PSEG Power's subsidiaries are subject to regulation by FERC, the Nuclear Regulatory Commission, the Environmental Protection Agency (EPA) and the states in which they operate.

PSEG's other direct wholly owned subsidiaries are: PSEG Long Island LLC (PSEG LI), which operates the Long Island Power Authority's (LIPA) transmission and distribution (T&D) system under an Operations Services Agreement; PSEG Energy Holdings L.L.C. (Energy Holdings), which primarily has investments in leveraged leases; and PSEG Services Corporation (Services), which provides certain management, administrative and general services to PSEG and its subsidiaries at cost.

Our business discussion in Part I, Item 1. Business of our 2018 Annual Report on 10-K (Form 10-K) provides a review of the regions and markets where we operate and compete, as well as our strategy for conducting our businesses within these markets, focusing on operational excellence, financial strength and making disciplined investments. Our risk factor discussion in Part I, Item 1A. Risk Factors of Form 10-K provides information about factors that could have a material adverse impact on our businesses. The following supplements that discussion and the discussion included in the Executive Overview of 2018 and Future Outlook provided in Item 7 in our Form 10-K by describing significant events and business developments that have occurred during 2019 and changes to the key factors that we expect may drive our future performance. The following discussion refers to the Condensed Consolidated Financial Statements (Statements) and the Related Notes to Condensed Consolidated Financial Statements (Notes). This discussion should be read in conjunction with such Statements, Notes and the Form 10-K.

EXECUTIVE OVERVIEW OF 2019 AND FUTURE OUTLOOK

Our business plan is designed to achieve growth while managing the risks associated with fluctuating commodity prices and changes in customer demand.

PSE&G

At PSE&G, our focus is on enhancing reliability and resiliency of our T&D system, meeting customer expectations and supporting public policy objectives by investing capital in T&D infrastructure and clean energy programs. Over the past few years, our investments have altered our business mix to reflect a higher percentage of earnings contribution by PSE&G. Based upon the expected settlement of the ES II program noted below, PSE&G has narrowed its five-year capital expenditure range to \$12 billion to \$14.5 billion, resulting in an expected annual rate base growth of 7.5% to 8.5%.

We have commenced our BPU-approved Gas System Modernization Program II (GSMP II), an expanded, five-year program to invest \$1.9 billion beginning in 2019 to replace approximately 875 miles of cast iron and unprotected steel mains in addition to other improvements to the gas system. Approximately \$1.6 billion will be recovered through periodic rate roll-ins, with the remaining \$300 million to be recovered through a future base rate proceeding. As part of the settlement approved by the BPU, PSE&G agreed to file a base rate proceeding no later than five years from the commencement of the program, to maintain a base level of gas distribution capital expenditures of \$155 million per year and to achieve certain leak reduction targets.

In June 2018, we filed for our Energy Strong Program II (ES II), a proposed five-year \$2.5 billion program to harden, modernize and improve the resiliency of our electric and gas distribution systems. In July 2019, we reached an agreement in principle for an \$842 million program for gas and electric projects which are expected to begin in the fourth quarter of 2019 and be completed at the end of 2023. Approximately \$692 million of the program would be recovered through periodic rate recovery filings, with the balance to be recovered in our next distribution base rate case, which is required to be filed no later

[Table of Contents](#)

than December 2023. The parties to the proceeding are working on a stipulation of settlement which will be submitted for the BPU's review and approval in the third quarter of 2019.

In October 2018, we filed our proposed Clean Energy Future (CEF) program with the BPU, a six-year estimated \$3.5 billion investment covering four programs; (i) an Energy Efficiency (EE) program totaling \$2.5 billion of investment designed to achieve energy efficiency targets required under New Jersey's Clean Energy law; (ii) an Electric Vehicle (EV) infrastructure program; (iii) an Energy Storage (ES) program and (iv) an Energy Cloud (EC) program which will include installing approximately two million electric smart meters and associated infrastructure. The BPU is reviewing the CEF-EE program concurrently with its efforts related to implementing the Clean Energy Act as well as addressing stakeholder input to New Jersey's Energy Master Plan. As a result, the CEF-EE filing remains pending before the BPU. The parties in the CEF-EE filing have reached an agreement in principle that extends the matter into 2020, and that authorizes, in the interim, PSE&G to continue work on four of its existing EE programs for an additional year. The agreement covering extension of both the CEF-EE matter and the four existing EE programs requires BPU approval. The CEF-EV/ES and CEF-EC programs will have separate procedural schedules.

In November 2018, the New Jersey Division of Rate Counsel (Rate Counsel) filed a motion to dismiss the CEF-EC filing on the basis that the BPU announced a moratorium on electric distribution companies' advanced meter infrastructure programs. In December 2018, Rate Counsel filed a motion to stay the CEF-EV/ES filing, arguing that the BPU should conclude other regulatory proceedings addressing EVs and ES, including the new Energy Master Plan and initiatives required by the Clean Energy Act, before it rules on PSE&G's program. We opposed Rate Counsel's motions, asking for the BPU to permit these filings to proceed. There is no timetable for the BPU to decide on Rate Counsel's motions.

We also continue to invest in transmission infrastructure in order to (i) maintain and enhance system integrity and grid reliability, grid security and safety, (ii) address an aging transmission infrastructure, (iii) leverage technology to improve the operation of the system, (iv) reduce transmission constraints, (v) meet growing demand and (vi) meet environmental requirements and standards set by various regulatory bodies. Our planned capital spending for transmission in 2019-2021 is \$3.4 billion.

PSEG Power

At PSEG Power, we strive to improve performance and reduce costs in order to optimize cash flow generation from our fleet in light of low wholesale power and gas prices, environmental considerations and competitive market forces that reward efficiency and reliability. PSEG Power continues to move its fleet toward improved efficiency and believes that its recently completed investment program enhances its competitive position with the addition of efficient, clean, reliable combined cycle gas turbine capacity. Our commitments for load, such as basic generation service (BGS) in New Jersey and other bilateral supply contracts, are backed by this generation or may be combined with the use of physical commodity purchases and financial instruments from the market to optimize the economic efficiency of serving our obligations. PSEG Power's hedging practices and ability to capitalize on market opportunities help it to balance some of the volatility of the merchant power business. Approximately 75% of PSEG Power's expected gross margin in 2019 relates to hedging of our energy margin, our expected revenues from the capacity market mechanisms, Zero Emission Certificate revenues that commenced in April 2019 and certain ancillary service payments such as reactive power.

We commenced commercial operations of Keys Energy Center (Keys) and Sewaren 7 in mid-2018 and Bridgeport Harbor Station Unit 5 (BH5) in June 2019. Our investments in these units reflect our recognition of the value of opportunistic growth in the PSEG Power business. These additions to our fleet both expand our geographic diversity and adjust our fuel mix and enhance the environmental profile and overall efficiency of PSEG Power's generation fleet.

Operational Excellence

We emphasize operational performance while developing opportunities in both our competitive and regulated businesses. Flexibility in our generating fleet has allowed us to take advantage of opportunities in a rapidly evolving market as we remain diligent in managing costs. In the first half of 2019, our

- utility continued its efforts to control costs while maintaining strong operational performance, including ranking in the top quartile among large utilities in the East in JD Power's 2019 Electric Utility Residential Customer Satisfaction Study,
- diverse fuel mix and dispatch flexibility allowed us to generate approximately 27 terawatt hours while addressing fuel availability and price volatility, and
- total nuclear fleet achieved a capacity factor of 91.1%.

Financial Strength

Our financial strength is predicated on a solid balance sheet, positive operating cash flow and reasonable risk-adjusted returns on increased investment. Our financial position remained strong during the first six months of 2019 as we

- maintained sufficient liquidity,
- maintained solid investment grade credit ratings, and
- increased our indicative annual dividend for 2019 to \$1.88 per share.

We expect to be able to fund our planned capital requirements, as described in Liquidity and Capital Resources, and the impacts of the Tax Cuts and Jobs Act of 2017 (Tax Act) without the issuance of new equity. For additional information on the impacts of the Tax Act, see Tax Legislation below.

Financial Results

As a result of the settlement of PSE&G's distribution base rate proceeding in October 2018, with new rates effective November 1, 2018, PSE&G expects a net reduction in overall annual revenues of approximately \$13 million. This is comprised of a \$212 million increase in base revenues, including recovery of deferred storm costs, offset by the return of tax benefits of approximately \$225 million. The tax benefits include the flowback to customers of excess accumulated deferred income taxes resulting from the reduction of the federal income tax rates provided in the Tax Act as well as the accumulated deferred income taxes from previously realized tax repair deductions and tax benefits from future tax repair deductions as realized.

PSE&G also filed a revised 2019 Annual Transmission Formula Rate Update to include the refund of the approved excess deferred income tax benefits. The revised 2019 Annual Transmission Formula Rate, as filed with FERC in January 2019, decreases overall annual transmission revenues by approximately \$54 million, subject to true-up. See Item 1. Note 6. Rate Filings .

The results for PSEG, PSE&G and PSEG Power for the three months and six months ended June 30, 2019 and 2018 are presented as follows:

<u>Earnings (Losses)</u>	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2019	2018	2019	2018
	Millions			
PSE&G	\$ 227	\$ 231	\$ 630	\$ 550
PSEG Power (A)	(40)	41	256	275
Other (B)	(34)	(3)	(33)	2
PSEG Net Income	\$ 153	\$ 269	\$ 853	\$ 827
PSEG Net Income Per Share (Diluted)	\$ 0.30	\$ 0.53	\$ 1.68	\$ 1.63

- (A) Includes an after-tax impairment charge of \$284 million in the three and six months ended June 30, 2019 related to the anticipated sale of PSEG Power's interests in the Keystone and Conemaugh fossil generation plants. See Item 1. Note 4. Early Plant Retirements/Asset Dispositions for additional information.
- (B) Other includes after-tax activities at the parent company, PSEG LI, and Energy Holdings as well as intercompany eliminations. Energy Holdings recorded after-tax charges related to its investments in leveraged leases of \$32 million and \$14 million in the second quarter of 2019 and 2018, respectively. See Item 1. Note 8. Financing Receivables for additional information.

PSEG Power's results above include the Nuclear Decommissioning Trust (NDT) Fund activity and the impacts of non-trading commodity mark-to-market (MTM) activity, which consist of the financial impact from positions with future delivery dates.

[Table of Contents](#)

The variances in our Net Income attributable to changes related to the NDT Fund and MTM are shown in the following table:

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2019	2018	2019	2018
	Millions, after tax			
NDT Fund Income (Expense) (A) (B)	\$ 25	\$ 5	\$ 101	\$ (11)
Non-Trading MTM Gains (Losses) (C)	\$ 152	\$ (48)	\$ 228	\$ 37

- (A) NDT Fund Income (Expense) includes gains and losses on NDT securities which are recorded in Net Gains (Losses) on Trust Investments. See Item 1. Note 9. Trust Investments for additional information. NDT Fund Income (Expense) also includes interest and dividend income and other costs related to the NDT Fund recorded in Other Income (Deductions), interest accretion expense on PSEG Power's nuclear Asset Retirement Obligation (ARO) recorded in Operation and Maintenance (O&M) Expense and the depreciation related to the ARO asset recorded in Depreciation and Amortization (D&A) Expense.
- (B) Net of tax (expense) benefit of \$(16) million and \$(4) million for the three months and \$(67) million and \$4 million for the six months ended June 30, 2019 and 2018, respectively.
- (C) Net of tax (expense) benefit of \$(58) million and \$19 million for the three months and \$(88) million and \$(14) million for the six months ended June 30, 2019 and 2018, respectively.

Our \$116 million decrease in Net Income for the three months ended June 30, 2019 was driven largely by

- an asset impairment in 2019 related to the anticipated sale of PSEG Power's ownership interests in the Keystone and Conemaugh fossil generation plants (see Item 1. Note 4. Early Plant Retirements/Asset Dispositions),
- an increase in impairment charges related to leveraged lease investments at Energy Holdings (see Item 1. Note 8. Financing Receivables), and
- higher interest costs at the parent company,
- partially offset by MTM gains in 2019 as compared to MTM losses in 2018, and
- higher earnings due to investments in T&D programs and the favorable impact of new rates effective November 1, 2018 as a result of the BPU's approval of our distribution base rate proceeding at PSE&G.

Our \$26 million increase in Net Income for the six months ended June 30, 2019 was driven primarily by

- higher MTM gains in 2019 at PSEG Power,
- net unrealized gains in 2019 as compared to net unrealized losses in 2018 on equity securities in the NDT Fund at PSEG Power, and
- higher earnings due to investments in T&D programs and the favorable impact of new rates effective November 1, 2018 as a result of the BPU's approval of our distribution base rate proceeding at PSE&G.

These increases for the six months ended June 30, 2019 were largely offset by the above mentioned impairments at PSEG Power and Energy Holdings.

The greater emphasis on capital spending in recent years for projects on which we receive contemporaneous returns at PSE&G has yielded strong results, which when combined with the cash flow generated by PSEG Power, has allowed us to increase our dividend annually. These actions to meet customer needs, market conditions and investor expectations reflect our long-term approach to managing our company. We continue our focus on operational excellence, financial strength and disciplined investment. These guiding principles have provided the base from which we have been able to execute our strategic initiatives.

Disciplined Investment

We utilize rigorous criteria when deploying capital and seek to invest in areas that complement our existing business and provide reasonable risk-adjusted returns. These areas include upgrading our energy infrastructure and improving our environmental footprint to align with public policy objectives. In the first half of 2019, we

- made additional investments in T&D infrastructure projects,
- continued to execute our Energy Efficiency and other existing BPU-approved utility programs, and

[Table of Contents](#)

- completed construction and placed into service our BH5 generation project, the final stage of our investment program in combined cycle gas turbines.

Regulatory, Legislative and Other Developments

In our pursuit of operational excellence, financial strength and disciplined investment, we closely monitor and engage with stakeholders on significant regulatory and legislative developments. Transmission planning rules and wholesale power market design are of particular importance to our results and we continue to advocate for policies and rules that promote fair and efficient electricity markets. For additional information about regulatory, legislative and other developments that may affect us, see Part I, Item 1. Business—Regulatory Issues in our Form 10-K and Item 5. Other Information in our Quarterly Report on Form 10-Q for the period ending March 31, 2019 (first quarter 2019 10-Q) and this Quarterly Report on Form 10-Q.

Transmission Planning

There are several matters pending before FERC that may impact the allocation of costs associated with transmission projects, including those being constructed by PSE&G. Regardless of how these proceedings are resolved, PSE&G's ability to recover the costs of these projects will not be affected. However, the result of these proceedings could ultimately impact the amount of costs borne by customers in New Jersey. In addition, as a BGS supplier, PSEG Power provides services that include specified transmission costs. If the allocation of the costs associated with the transmission projects were to increase these BGS-related transmission costs, BGS suppliers would be entitled to recovery, subject to BPU approval. We do not believe that these matters will have a material effect on PSEG Power's business or results of operations.

Several complaints have been filed and several remain pending at FERC against transmission owners around the country, challenging those transmission owners' base return on equity (ROE). Certain of those complaints have resulted in decisions and others have been settled, resulting in reductions of those transmission owners' base ROEs. The results of these other proceedings could set precedents for other transmission owners with formula rates in place, including PSE&G.

In October 2018, FERC issued an order establishing a new framework for determining whether a company's ROE is unjust and unreasonable. FERC proposes to rely on financial models to establish a composite zone of reasonableness that will be used to determine whether an ROE complaint should be dismissed. If FERC determines that an ROE for a company is not just and reasonable, it intends to reset the ROE based on averaging the results of various financial models. We continue to analyze the potential impact of these methodologies and cannot predict the outcome of ongoing ROE proceedings.

In March 2019, FERC issued two Notices of Inquiry (NOI) that could affect a company's ROE: (i) an NOI seeking comment on improvements to FERC's electric transmission incentives policy to ensure that it appropriately encourages the development of the infrastructure needed to ensure grid reliability and reduce congestion to lower the cost of power for consumers (Incentive NOI), and (ii) an NOI seeking comments whether, and if so how, FERC should change its policies for establishing just and reasonable ROEs. The Incentive NOI is intended to examine whether existing incentives, such as the 50 basis point adder for Regional Transmission Organization membership, should continue to be granted and whether new incentives should be established.

Wholesale Power Market Design

In June 2018, FERC issued an order finding that PJM's current capacity market is not just and reasonable because it enabled state-supported resources to bid below their costs which resulted in suppressed clearing prices. In particular, FERC found that nuclear generating units that receive zero emission certificate payments were of concern. Depending on the outcome of this matter, our generating stations could be impacted.

In late July 2019, FERC issued an order directing PJM to delay its August 2019 capacity auction until it can approve replacement auction rules and provide greater certainty to the market than conducting the auction under existing rules. FERC also denied PJM's request to clarify that any just and reasonable replacement auction rules ultimately adopted would operate prospectively. FERC held that it would not rule prematurely on the issue of an appropriate remedy prior to rendering a determination on the merits of the replacement auction rules. We cannot predict when FERC will issue replacement auction rules and what impact those rules will have on the capacity market or our generating stations.

In October 2018, PJM filed with FERC to revise the shape of the Variable Resource Requirement (VRR) curve that will be implemented in the next capacity auction. The VRR curve is the administratively determined demand curve that serves as one of the key elements for establishing the amount of generation capacity to be procured in the auction. PJM's proposed tariff revisions will result in lower Cost of New Entry (CONE) values as compared to the currently effective VRR curve. PSEG protested PJM's proposal on the grounds that it would result in understated prices for capacity relative to the cost of constructing a new reference generating unit and will result in prices that are unjust and unreasonable. In April 2019, FERC issued an Order approving PJM's filing without modification and these changes are expected to be in place for the 2022/2023 PJM capacity auction. In mid-May 2019, PSEG filed a request for rehearing which remains pending before FERC.

Environmental Regulation

We are subject to liability under environmental laws for the costs of remediating environmental contamination of property now or formerly owned by us and of property contaminated by hazardous substances that we generated. In particular, the historic operations of PSEG companies and the operations of numerous other companies along the Passaic and Hackensack Rivers are alleged by Federal and State agencies to have discharged substantial contamination into the Passaic River/Newark Bay Complex in violation of various statutes. We are also currently involved in a number of proceedings relating to sites where other hazardous substances may have been discharged and may be subject to additional proceedings in the future, and the costs of any such remediation efforts could be material.

In August 2018, the EPA released the proposed Affordable Clean Energy (ACE) rule as a replacement for the EPA's Clean Power Plan. The proposed ACE rule gives states great flexibility to evaluate specific heat rate improvement technologies and practices to be applied at coal-fired electric generating units. States have three years from the date of finalization to submit a plan that establishes a standard of performance that reflects the degree of emission limitation through the application of heat rate improvement technologies and practices. We cannot estimate the impact of this action on our business or results of operations at this time.

For further information regarding the matters described above, as well as other matters that may impact our financial condition and results of operations, see Item 1. Note 11. Commitments and Contingent Liabilities .

Nuclear

In April 2019, PSEG Power's Salem 1, Salem 2 and Hope Creek nuclear plants were awarded Zero Emission Certificates (ZECs) by the BPU. Pursuant to a process established by the BPU, ZECs are purchased from selected nuclear plants and recovered through a non-bypassable distribution charge in the amount of \$0.004 per kilowatt-hour (which is equivalent to approximately \$10 per megawatt hour (MWh) in payments to selected nuclear plants (ZEC payment)). These nuclear plants are expected to receive ZEC revenue for approximately three years, through May 2022, and will be obligated to maintain operations, subject to exceptions specified in the ZEC legislation. PSEG Power anticipates it will recognize revenue monthly as the nuclear plants generate electricity and satisfy their performance obligations. The ZEC legislation requires nuclear plants to reapply for any subsequent three year periods. The ZEC payment may be adjusted by the BPU (a) at any time to offset environmental or fuel diversity payments that a selected nuclear plant may receive from another source or (b) at certain times specified in the ZEC legislation if the BPU determines that the purposes of the ZEC legislation can be achieved through a reduced charge that will nonetheless be sufficient to achieve the state's air quality and other environmental objectives by preventing the retirement of nuclear plants. The BPU's decision awarding ZECs has been appealed by Rate Counsel. The financial condition of the plants may nonetheless be materially adversely impacted by potential changes to the capacity market construct being considered by FERC (absent sufficient capacity revenues provided under a program approved by the BPU in accordance with a FERC authorized capacity mechanism), and, in the case of the Salem nuclear plants, decisions by the EPA and state environmental regulators regarding the implementation of Section 316(b) of the Clean Water Act and related state regulations, or other factors. Absent a material financial change, these adverse impacts could still result in PSEG Power taking all necessary steps to retire all of these plants following the end of the initial three year term of the ZECs program. Retirement of these plants would result in a material adverse impact on PSEG's and PSEG Power's financial results.

In April 2019, during a scheduled refueling outage at Salem Unit 1, planned inspection and testing revealed a significantly larger number of bolts than initially anticipated required replacement inside the reactor vessel. The bolt replacement has been completed and the unit returned to service in June 2019. Except in adverse circumstances discussed above, we expect to continue our strategic program to inspect and replace degraded reactor vessel bolting at both Salem units over the next several refueling outage cycles and to maintain the long-term health of both reactor vessels. Production and margin effects for the second quarter of 2019 were offset by increased generation from the new combined-cycle Keys and Sewaren 7 units.

Fossil

In June 2019, PSEG Power entered into a purchase agreement to sell its 776 MW ownership interests in the Keystone and Conemaugh generation plants in western Pennsylvania and related assets, including the assumption of related liabilities. The transaction is targeted to close during the second half of 2019, subject to customary closing conditions and regulatory approvals.

As a result of the transaction, PSEG Power's ownership interests in the Keystone and Conemaugh generation plants and related assets will no longer be classified as held for use in accordance with GAAP. In June 2019, PSEG Power recognized a pre-tax impairment charge of \$395 million as the anticipated sale price is less than the current book value. See Item 1. Note 4. Early Plant Retirements/Asset Dispositions for further information.

California Solar Facilities

As part of its solar production portfolio, PSEG Power owns and operates two California-based solar facilities with an aggregate capacity of approximately 30 MW direct current whose output is sold to Pacific Gas and Electric Company (PG&E) under

[Table of Contents](#)

power purchase agreements (PPAs) with twenty year terms. The net book value of these solar facilities was approximately \$56 million as of June 30, 2019. In January 2019, PG&E and its parent company PG&E Corporation filed for Chapter 11 bankruptcy protection. PSEG Power cannot predict the ultimate outcome that this bankruptcy proceeding will have on our ability to collect all of the revenues from these facilities due under the PPAs; however, any adverse changes to the terms of PSEG Power's PPAs as a result of this bankruptcy proceeding could result in the future impairment of these assets in amounts up to their current net book value.

Offshore Wind

In June 2019, the BPU selected Ørsted US Offshore Wind's Ocean Wind project as the winning bid in New Jersey's initial solicitation for 1,100 MW of offshore wind generation. In connection with the Ocean Wind bid, PSEG agreed to provide energy management services and the potential lease of land for use in project development. We also retained an option to acquire an equity interest in the project. We expect to make a decision regarding an equity investment in the Ocean Wind project in the second half of 2019.

Leveraged Leases

In December 2018, NRG REMA, LLC emerged from its in-court proceeding under Chapter 11 of the Bankruptcy Code. As a result of the restructuring, the remaining deferred tax liabilities related to the Keystone and Conemaugh lease investments were reclassified to current tax liabilities. As a result of the restructuring activity, PSEG has a remaining tax liability of approximately \$85 million, subject to its consolidated federal income tax filing position.

Additional facilities in our leveraged lease portfolio include the Shawville, Joliet and Powerton generating facilities. Converted natural gas units such as Shawville and Joliet may have higher operating costs and fuel consumption, as well as longer start-up times, compared to newer combined cycle gas units. Powerton is a coal-fired generating facility in Illinois. Each of these three facilities may not be as economically competitive as newer combined cycle gas units and could continue to be adversely impacted by the same economic conditions experienced by other less efficient natural gas and coal generation facilities, which could require Energy Holdings to write down the residual value of the leveraged lease receivables associated with these facilities.

During the second quarter of 2019, Energy Holdings completed its annual review of estimated residual values embedded in the leveraged leases. The outcome indicated that the updated residual value estimate of the coal-fired Powerton lease was lower than the recorded residual value and the decline was deemed to be other than temporary as a result of expected future adverse market conditions. As a result, a pre-tax write-down of \$58 million was reflected in Operating Revenues in the quarter ended June 30, 2019, calculated by comparing the gross investment in the leases before and after the revised residual estimates.

Tax Legislation

The Tax Act, among other things, decreased the statutory U.S. corporate income tax rate from a maximum of 35% to 21%, effective January 1, 2018, and made certain changes to the bonus depreciation and interest disallowance rules.

In August 2018, the Internal Revenue Service (IRS) issued a Notice of Proposed Rulemaking (Notice) regarding the application of tax depreciation rules as amended by the Tax Act. While the Notice provides some guidance as to the application of the changes made by the Tax Act to the bonus depreciation rules, certain aspects remain unclear. Further, in November 2018 the IRS issued proposed regulations addressing the interest disallowance rules contained in the Tax Act. For non-regulated businesses, these rules set a cap on the amount of interest that can be deducted in a given year. Any amount that is disallowed can be carried forward indefinitely. For 2019, PSEG and PSEG Power expect that a portion of their interest will be disallowed in the current period but realized in future periods. However, certain aspects of the proposed regulations are unclear. Therefore, we recorded taxes based on our interpretation of the relevant statute. Such amounts are subject to change based on several factors, including but not limited to, the IRS and state taxing authorities issuing final guidance and/or further clarification. Any further guidance or clarification could impact PSEG's, PSE&G's and PSEG Power's financial statements. For additional information, see Item 1. Note 16. Income Taxes.

In July 2018, the State of New Jersey made changes to its income tax laws, including imposing a temporary surtax of 2.5% effective January 1, 2018 and 2019 and 1.5% in 2020 and 2021, as well as requiring corporate taxpayers to file in a combined reporting group as defined under New Jersey law starting in 2019. Both provisions include an exemption for public utilities. We believe PSE&G meets the definition of a public utility and, therefore, will not be impacted by the temporary surtax or be included in the combined reporting group. We expect these new provisions to unfavorably affect our non-utility business. In accordance with accounting principles generally accepted in the United States for income taxes, deferred taxes are required to be measured at the enacted tax rate expected to apply to taxable income in the periods in which the deferred taxes are expected to settle. The newly enacted New Jersey tax legislation did not have a material impact on PSEG's deferred income tax balance.

Future Outlook

For more than a century, our mission has been to provide universal access to an around-the-clock supply of reliable, affordable power. Building on this mission, we believe in a future where customers universally use less energy, the energy they use is

[Table of Contents](#)

cleaner, and its delivery is more reliable and more resilient. To that end, in July 2019, we announced that we expect to cut our power fleet's carbon emissions by 80% by 2046, from 2005 levels. We have also announced our vision of attaining net-zero CO₂ emissions by 2050, assuming advances in technology and public policy.

Our future success will depend on our ability to continue to maintain strong operational and financial performance in an environment with low gas prices, to capitalize on or otherwise address regulatory and legislative developments that impact our business and to respond to the issues and challenges described below. In order to do this, we must continue to:

- focus on controlling costs while maintaining safety, reliability and customer satisfaction and complying with applicable standards and requirements,
- successfully manage our energy obligations and re-contract our open supply positions in response to changes in prices and demand,
- obtain approval of and execute our utility capital investment program, including ES II, GSMP II, our CEF program and transmission and other investments that yield contemporaneous and reasonable risk-adjusted returns, while enhancing the resiliency of our infrastructure and maintaining the reliability of the service we provide to our customers,
- advocate for the continuation of the ZEC program and measures to ensure the implementation by PJM and FERC of market design and transmission planning rules that continue to promote fair and efficient electricity markets, including recognition of the cost of emissions,
- engage multiple stakeholders, including regulators, government officials, customers and investors, and
- successfully operate the LIPA T&D system and manage LIPA's fuel supply and generation dispatch obligations.

In addition to the risks described elsewhere in this Form 10-Q, the first quarter 2019 10-Q and in our Form 10-K, for 2019 and beyond, the key issues and challenges we expect our business to confront include:

- regulatory and political uncertainty, both with regard to future energy policy, design of energy and capacity markets, transmission policy and environmental regulation, as well as with respect to the outcome of any legal, regulatory or other proceedings,
- the continuing impacts of the Tax Act and changes in state tax laws, and
- the impact of reductions in demand and lower natural gas and electricity prices and increasing environmental compliance costs.

We continually assess a broad range of strategic options to maximize long-term stockholder value. In assessing our options, we consider a wide variety of factors, including the performance and prospects of our businesses; the views of investors, regulators, customers and rating agencies; our existing indebtedness and restrictions it imposes; and tax considerations, among other things. Strategic options available to us include:

- the acquisition, construction or disposition of T&D facilities, clean energy investments and/or generation projects, including offshore wind opportunities,
- the disposition or reorganization of our merchant generation business or other existing businesses or the acquisition or development of new businesses,
- the expansion of our geographic footprint, including the operation of T&D facilities outside of our traditional service territory, and
- investments in capital improvements and additions, including the installation of environmental upgrades and retrofits, improvements to system resiliency, modernizing existing infrastructure and participation in transmission projects through FERC's "open window" solicitation process.

There can be no assurance, however, that we will successfully develop and execute any of the strategic options noted above, or any additional options we may consider in the future. The execution of any such strategic plan may not have the expected benefits or may have unexpected adverse consequences.

RESULTS OF OPERATIONS

PSEG

Our results of operations are primarily comprised of the results of operations of our principal operating subsidiaries, PSE&G and PSEG Power, excluding charges related to intercompany transactions, which are eliminated in consolidation. For additional information on intercompany transactions, see Item 1. Note 20. Related-Party Transactions .

	Three Months Ended June 30,		Increase/ (Decrease)		Six Months Ended June 30,		Increase/ (Decrease)	
	2019	2018	2019 vs. 2018		2019	2018	2019 vs. 2018	
	Millions		Millions	%	Millions		Millions	%
Operating Revenues	\$ 2,316	\$ 2,016	\$ 300	15	\$ 5,296	\$ 4,834	\$ 462	10
Energy Costs	704	600	104	17	1,828	1,552	276	18
Operation and Maintenance	750	725	25	3	1,506	1,479	27	2
Depreciation and Amortization	307	280	27	10	621	560	61	11
Loss on Asset Dispositions	395	—	395	N/A	395	—	395	N/A
Income from Equity Method Investments	5	5	—	—	7	7	—	—
Net Gains (Losses) on Trust Investments	39	8	31	N/A	167	(14)	181	N/A
Other Income (Deductions)	33	34	(1)	(3)	66	66	—	—
Non-Operating Pension and OPEB Credits (Costs)	33	19	14	74	66	38	28	74
Interest Expense	137	111	26	23	270	214	56	26
Income Tax (Benefit) Expense	(20)	97	(117)	N/A	129	299	(170)	(57)

The following discussions for PSE&G and PSEG Power provide a detailed explanation of their respective variances.

PSE&G

	Three Months Ended June 30,		Increase/ (Decrease)		Six Months Ended June 30,		Increase/ (Decrease)	
	2019	2018	2019 vs. 2018		2019	2018	2019 vs. 2018	
	Millions		Millions	%	Millions		Millions	%
Operating Revenues	\$ 1,382	\$ 1,386	\$ (4)	—	\$ 3,414	\$ 3,231	\$ 183	6
Energy Costs	529	488	41	8	1,476	1,270	206	16
Operation and Maintenance	369	353	16	5	777	744	33	4
Depreciation and Amortization	202	187	15	8	414	377	37	10
Net Gains (Losses) on Trust Investments	—	—	—	N/A	1	—	1	N/A
Other Income (Deductions)	19	20	(1)	(5)	38	40	(2)	(5)
Non-Operating Pension and OPEB Credits (Costs)	29	15	14	93	59	30	29	97
Interest Expense	89	82	7	9	176	163	13	8
Income Tax Expense (Benefit)	14	80	(66)	(83)	39	197	(158)	(80)

Three Months Ended June 30, 2019 as Compared to 2018

Operating Revenues decreased \$4 million due to changes in delivery, commodity, clause and other operating revenues.

Delivery Revenues were flat due to

[Table of Contents](#)

- Transmission revenues were \$34 million higher due to increased 2019 revenue requirements primarily due to higher rate base investment.
- Gas distribution revenues increased \$32 million due primarily to a \$23 million increase from the favorable impact of the distribution base rate tariff effective November 2018, an \$11 million increase in Weather Normalization Clause (WNC) collections and a \$3 million increase from the inclusion of GSMP I in base rates. These increases were partially offset by decreases of \$4 million due to lower sales volumes and \$1 million in Green Program Recovery Charge (GPRC) collections.
- Electric distribution revenues increased \$9 million due to a \$21 million increase resulting from the favorable impact of the distribution base rate tariff, partially offset by a \$10 million decrease due to lower sales volumes and a \$2 million decrease in GPRC collections.
- Gas, Electric and Transmission revenue requirements were reduced by \$75 million due to the flowback of excess deferred tax liabilities and tax repair-related accumulated deferred income tax benefits as a result of settlements with the BPU and FERC. This reduction is offset in Income Tax Expense.

Commodity Revenues increased \$9 million as a result of higher Electric revenues partly offset by lower Gas revenues. The changes in Commodity revenues for both electric and gas are entirely offset by changes in Energy Costs. PSE&G earns no margin on the provision of BGS and basic gas supply service (BGSS) to retail customers.

- Electric commodity revenues increased \$15 million due to a \$25 million increase in BGS prices partially offset by \$10 million in lower BGS sales volumes.
- Gas commodity revenues decreased \$6 million due primarily to lower BGSS sales volumes of \$20 million, partially offset by higher BGSS prices of \$14 million.

Clause Revenues decreased \$44 million due to \$23 million of lower Tax Adjustment Credit (TAC) deferrals and lower Societal Benefit Charge (SBC) collections of \$21 million. The changes in TAC deferrals and SBC collections are entirely offset by changes in the amortization of Regulatory Assets and Regulatory Liabilities and related costs in O&M, D&A and Interest Expenses. PSE&G does not earn margin on TAC deferrals or on SBC collections.

Other Operating Revenues increased by \$31 million due primarily to ZEC revenues billed after the ZEC program was approved by the BPU in April 2019. See Item 1. Note 11. Commitments and Contingent Liabilities. These revenues are entirely offset by changes to Energy Costs.

Operating Expenses

Energy Costs increased \$41 million. This is entirely offset by changes in Commodity Revenues and Other Operating Revenues.

Operation and Maintenance increased \$16 million due primarily to a net \$7 million increase in clause and renewable-related expenditures and a \$4 million increase in injuries and damages.

Depreciation and Amortization increased \$15 million due primarily to increases in depreciation and amortization related to additional plant and software placed into service.

Non-Operating Pension and OPEB Credits (Costs) increased \$14 million primarily due to a \$26 million increase in the amortization of the prior service credit mainly due to the December 2018 OPEB plan amendment, partially offset by a reduction of \$8 million in the long-term expected return on plan assets, a \$3 million increase in the amortization of the net unrecognized loss and a \$1 million increase in interest cost.

Interest Expense increased \$7 million due primarily to increases of \$4 million from net debt issuances in the second quarter of 2019 and \$4 million from net debt issuances in May and September 2018.

Income Tax Expense decreased \$66 million due primarily to the flowback to ratepayers of excess deferred income tax liabilities and tax repair-related accumulated deferred income taxes.

Six Months Ended June 30, 2019 as Compared to 2018

Operating Revenues increased \$183 million due to changes in delivery, commodity, clause and other operating revenues.

Delivery Revenues decreased \$36 million due primarily to

- Gas, Electric and Transmission revenue requirements were reduced by \$204 million due to the flowback of excess deferred tax liabilities and tax repair-related accumulated deferred income tax benefits as a result of settlements with the BPU and FERC. This reduction is offset in Income Tax Expense.

[Table of Contents](#)

- Gas distribution revenues increased \$70 million due primarily to a \$70 million increase from the favorable impact of the distribution base rate tariff effective November 2018, a \$13 million increase from the inclusion of GSMP I in base rates, and a \$2 million increase in WNC collections. These increases were partially offset by decreases of \$14 million due to lower sales volumes and \$1 million in GPRC collections.
- Transmission revenues were \$58 million higher due to increased 2019 revenue requirements primarily due to higher rate base investment.
- Electric distribution revenues increased \$40 million due to a \$41 million increase resulting from the favorable impact of the distribution base rate tariff and a \$2 million increase in GPRC collections. These increases were partially offset by a \$3 million decrease due to lower sales volumes .

Commodity Revenues increased \$176 million as a result of higher Gas and Electric revenues. The changes in Commodity revenues for both gas and electric are entirely offset by the changes in Energy Costs. PSE&G earns no margin on the provision of BGSS and BGS to retail customers.

- Gas commodity revenues increased \$127 million due to higher BGSS prices of \$109 million and higher BGSS sales volumes of \$18 million .
- Electric commodity revenues increased \$49 million due primarily to \$39 million in higher BGS prices , and \$10 million in higher BGS sales volumes .

Clause Revenues increased \$13 million due primarily to a \$7 million increase in TAC deferrals, a \$5 million increase in Margin Adjustment Clause (MAC) revenues and higher SBC collections of \$3 million . These increases were partially offset by a \$3 million decrease in GPRC deferrals. The changes in the MAC and SBC collections and TAC and GPRC deferral amounts are entirely offset by changes in the amortization of Regulatory Assets and Regulatory Liabilities and related costs in O&M, D&A and Interest Expenses. PSE&G does not earn margin on MAC or SBC collections or on TAC or GPRC deferrals.

Other Operating Revenues increased by \$30 million due primarily to ZEC revenues billed after the ZEC program was approved by the BPU in April 2019. See Item 1. Note 11. Commitments and Contingent Liabilities . These revenues are entirely offset by changes to Energy Costs.

Operating Expenses

Energy Costs increased \$206 million . This is entirely offset by changes in Commodity Revenues and Other Operating Revenues.

Operation and Maintenance increased \$33 million due primarily to a net \$34 million increase in clause and renewable-related expenditures and a \$7 million increase in injuries and damages. These increases were partially offset by an \$11 million reduction in seasonal storm costs.

Depreciation and Amortization increased \$37 million due primarily to increases in depreciation and amortization related to additional plant and software placed into service.

Non-Operating Pension and OPEB Credits (Costs) increased \$29 million due primarily to a \$52 million increase in the amortization of prior service credit mainly due to the December 2018 OPEB plan amendment, partially offset by a \$16 million reduction in the long-term expected return on plan assets, a \$5 million increase in the amortization of the net unrecognized loss and a \$2 million increase in interest cost.

Interest Expense increased \$13 million due primarily to a \$9 million increase from net debt issuances in May and September 2018 and a \$4 million increase from net debt issuances in the first half of 2019.

Income Tax Expense decreased \$158 million due primarily to the flowback to ratepayers of excess deferred income tax liabilities and tax repair-related accumulated deferred income taxes.

PSEG Power

	Three Months Ended June 30,		Increase/ (Decrease)		Six Months Ended June 30,		Increase/ (Decrease)	
	2019	2018	2019 vs. 2018		2019	2018	2019 vs. 2018	
	Millions		Millions	%	Millions		Millions	%
Operating Revenues	\$ 1,083	\$ 767	\$ 316	41	\$ 2,499	\$ 2,170	\$ 329	15
Energy Costs	411	373	38	10	1,197	1,119	78	7
Operation and Maintenance	268	268	—	—	503	514	(11)	(2)
Depreciation and Amortization	95	84	11	13	189	166	23	14
Loss on Asset Dispositions	395	—	395	N/A	395	—	395	N/A
Income from Equity Method Investments	5	5	—	—	7	7	—	—
Net Gains (Losses) on Trust Investments	38	8	30	N/A	164	(14)	178	N/A
Other Income (Deductions)	15	13	2	15	28	24	4	17
Non-Operating Pension and OPEB Credits (Costs)	3	3	—	—	6	7	(1)	(14)
Interest Expense	26	11	15	N/A	51	18	33	N/A
Income Tax Expense (Benefit)	(11)	19	(30)	N/A	113	102	11	11

Three Months Ended June 30, 2019 as Compared to 2018

Operating Revenues increased \$316 million due primarily to changes in generation and gas supply revenues.

Generation Revenues increased \$360 million due primarily to

- a net increase of \$337 million due to MTM gains in 2019 as compared to MTM losses in 2018. Of this amount, there was a \$324 million increase from changes in forward prices this year as compared to last year coupled with a \$13 million increase due to lower losses on positions reclassified to realized upon settlement,
- an increase of \$33 million due to ZECs earned after the ZEC program was approved by the BPU in April 2019,
- a net increase of \$17 million in capacity revenues due primarily to the commencement of commercial operations of Keys, Sewaren 7 in mid-2018 and BH5 in early June 2019, and
- a net increase of \$7 million due primarily to higher volumes of electricity sold in the PJM region driven by the commencement of commercial operations of Keys and Sewaren 7, partially offset by lower volumes of electricity sold in the New York (NY) region, and lower average realized prices in the PJM, NY, and New England (NE) regions,
- partially offset by a decrease of \$29 million in electricity sold under our BGS contracts due to lower volumes and lower prices.

Gas Supply Revenues decreased \$45 million due primarily to

- a net decrease of \$29 million related to sales to third parties, of which \$38 million was due to lower volumes sold, partially offset by \$9 million due to higher average sales prices, and
- a net decrease of \$16 million in sales under the BGSS contract, of which \$20 million was due to lower sales volumes, partially offset by \$4 million due to higher average sales prices.

Operating Expenses

Energy Costs represent the cost of generation, which includes fuel costs for generation as well as purchased energy in the market, and gas purchases to meet PSEG Power's obligation under its BGSS contract with PSE&G. Energy Costs increased \$38 million due to

Generation costs increased \$73 million due primarily to

- a net increase of \$62 million due to MTM losses in 2019 as compared to MTM gains in 2018 due primarily to changes in forward prices, and

[Table of Contents](#)

- higher fuel costs of \$13 million reflecting utilization of higher volumes of gas due primarily to the commencement of commercial operations of the Keys and Sewaren 7 fossil stations in mid-2018, coupled with higher prices of gas in the PJM region, partially offset by utilization of lower volumes and prices of gas in the NY region, and utilization of lower volumes and lower coal costs in the PJM region.

Gas costs decreased \$35 million due mainly to

- a decrease of \$27 million related to sales to third parties due primarily to lower volumes sold, and
- a net decrease of \$8 million related to sales under the BGSS contract, of which \$18 million was due to lower sendout volumes, partially offset by a \$10 million increase due to higher average gas costs.

Operation and Maintenance was flat due primarily to

- a \$12 million net increase at our fossil plants, largely due to higher planned outage costs in 2019,
- offset by a net decrease related to our nuclear plants, due to planned outage costs incurred in 2019 for our 57%-owned Salem Unit 1 as compared to planned outage costs at our 100%-owned Hope Creek nuclear plant in 2018.

Depreciation and Amortization increased \$11 million due primarily to Keys and Sewaren 7 fossil stations being placed into service in mid-2018.

Loss on Asset Dispositions is a \$395 million asset impairment in 2019 related to the anticipated sale of PSEG Power's ownership interests in the Keystone and Conemaugh generation plants. For additional information, see Item 1. Note 4. Early Plant Retirements/Asset Dispositions .

Net Gains (Losses) on Trust Investments increased \$30 million due primarily to a \$49 million increase resulting from net unrealized gains in 2019 as compared to net unrealized losses in 2018 on equity investments in the NDT Fund, partially offset by a \$19 million decrease in net realized gains on NDT Fund investments.

Interest Expense increased \$15 million due primarily to lower capitalized interest as a result of Keys and Sewaren 7 fossil stations being placed into service in mid-2018.

Income Tax Expense (Benefit) decreased \$30 million due primarily to lower pre-tax income in 2019.

Six Months Ended June 30, 2019 as Compared to 2018

Operating Revenues increased \$329 million due primarily to changes in generation and gas supply revenues.

Generation Revenues increased \$336 million due primarily to

- a net increase of \$292 million due to higher MTM gains in 2019 as compared to 2018. Of this amount, there was a \$318 million increase due to changes in forward prices this year as compared to last year, partially offset by a \$26 million decrease due to less gains on positions reclassified to realized upon settlement,
- a net increase of \$55 million due primarily to higher volumes of electricity sold in the PJM region driven by the commencement of commercial operations of Keys and Sewaren 7, partially offset by lower volumes and lower average realized prices in the NY region,
- an increase of \$33 million due to ZECs earned after the ZEC program was approved by the BPU in April 2019, and
- a net increase of \$31 million in capacity revenues due primarily to the commencement of commercial operations of Keys, Sewaren 7 and BH5,
- partially offset by a decrease of \$68 million in electricity sold under our BGS contracts due to lower volumes and lower prices.

Gas Supply Revenues decreased \$8 million due primarily to

- a decrease of \$48 million related to sales to third parties, of which \$42 million was due to lower volumes sold and \$6 million to lower average sales prices,
- partially offset by an increase of \$36 million in sales under the BGSS contract primarily due to higher average sales prices.

Operating Expenses

Energy Costs represent the cost of generation, which includes fuel costs for generation as well as purchased energy in the market, and gas purchases to meet PSEG Power's obligation under its BGSS contract with PSE&G. Energy Costs increased \$78 million due to

[Table of Contents](#)

Generation costs increased \$72 million due primarily to

- higher fuel costs of \$40 million reflecting utilization of higher volumes of gas due primarily to the commencement of commercial operations of Keys and Sewaren 7 fossil stations, coupled with higher prices of gas in the PJM region, partially offset by utilization of lower volumes and prices of gas in the NY region, utilization of lower volumes of oil in the PJM region, and lower coal costs in PJM and NE regions, and
- a net increase of \$32 million due to MTM losses in 2019 as compared to gains in 2018. Of this amount, a \$52 million increase was due to changes in forward prices this year as compared to last year, partially offset by a \$20 million decrease due to less gains on positions reclassified to realized upon settlement.

Gas costs increased \$6 million due mainly to

- a net increase of \$41 million related to sales under the BGSS contract primarily due to an increase in the average cost of gas,
- partially offset by a net decrease of \$34 million related to sales to third parties due primarily to lower volumes sold.

Operation and Maintenance decreased \$11 million due primarily to a net decrease related to our nuclear plants due to planned outage costs incurred in 2019 for our 57%-owned Salem Unit 1 as compared to planned outage costs at our 100%-owned Hope Creek nuclear plant in 2018.

Depreciation and Amortization increased \$23 million due primarily to Keys and Sewaren 7 fossil stations being placed into service in mid-2018.

Loss on Asset Dispositions is a \$395 million asset impairment in 2019 related to the anticipated sale of PSEG Power's ownership interests in the Keystone and Conemaugh generation plants. For additional information, see Item 1. Note 4. Early Plant Retirements/Asset Dispositions .

Net Gains (Losses) on Trust Investments increased \$178 million due primarily to a \$182 million increase resulting from net unrealized gains in 2019 as compared to net unrealized losses in 2018 on equity investments in the NDT Fund, partially offset by a \$5 million decrease in net realized gains on NDT Fund investments.

Interest Expense increased \$33 million due primarily to lower capitalized interest as a result of Keys and Sewaren 7 fossil stations being placed into service in mid-2018.

Income Tax Expense (Benefit) increased \$11 million due primarily to higher pre-tax income from the NDT qualified fund, which is subject to an additional trust tax.

LIQUIDITY AND CAPITAL RESOURCES

The following discussion of our liquidity and capital resources is on a consolidated basis, noting the uses and contributions, where material, of our two direct major operating subsidiaries.

Operating Cash Flows

We expect our operating cash flows combined with cash on hand and financing activities to be sufficient to fund capital expenditures and shareholder dividend payments.

For the six months ended June 30, 2019 , our operating cash flow increased \$191 million as compared to the same period in 2018 . The net changes were primarily due to the net changes from our subsidiaries as discussed below, partially offset by higher tax payments at PSEG and its other subsidiaries.

PSE&G

PSE&G's operating cash flow increased \$76 million from \$762 million to \$838 million for the six months ended June 30, 2019 , as compared to the same period in 2018 , due primarily to tax refunds in 2019 as compared to tax payments in 2018, and an increase of \$142 million from a change in regulatory deferrals, partially offset by a decrease of \$120 million relating to a lower reduction in accounts receivable and unbilled revenues in 2019, and \$67 million in increased vendor payments.

PSEG Power

PSEG Power's operating cash flow increased \$281 million from \$869 million to \$1,150 million for the six months ended June 30, 2019 , as compared to the same period in 2018 , due to a \$368 million higher reduction in margin deposit requirements, partially offset by lower tax refunds.

Short-Term Liquidity

PSEG meets its short-term liquidity requirements, as well as those of PSEG Power, primarily with cash and through the

[Table of Contents](#)

issuance of commercial paper. PSE&G maintains its own separate commercial paper program to meet its short-term liquidity requirements. Each commercial paper program is fully back-stopped by its own separate credit facilities.

We continually monitor our liquidity and seek to add capacity as needed to meet our liquidity requirements. Each of our credit facilities is restricted as to availability and use to the specific companies as listed below; however, if necessary, the PSEG facilities can also be used to support our subsidiaries' liquidity needs.

Our total credit facilities and available liquidity as of June 30, 2019 were as follows:

Company/Facility	As of June 30, 2019		
	Total Facility	Usage	Available Liquidity
	Millions		
PSEG	\$ 1,500	\$ 188	\$ 1,312
PSE&G	600	206	394
PSEG Power	2,100	169	1,931
Total	\$ 4,200	\$ 563	\$ 3,637

As of June 30, 2019, our credit facility capacity was in excess of our projected maximum liquidity requirements over our 12 month planning horizon. Our maximum liquidity requirements are based on stress scenarios that incorporate changes in commodity prices and the potential impact of PSEG Power losing its investment grade credit rating from S&P or Moody's, which would represent a three level downgrade from its current S&P or Moody's ratings. In the event of a deterioration of PSEG Power's credit rating certain of PSEG Power's agreements allow the counterparty to demand further performance assurance. The potential additional collateral that we would be required to post under these agreements if PSEG Power were to lose its investment grade credit rating was approximately \$821 million and \$857 million as of June 30, 2019 and December 31, 2018, respectively.

For additional information, see Item 1. Note 12. Debt and Credit Facilities.

Long-Term Debt Financing

During the next twelve months, PSEG has \$400 million of 1.60% Senior Notes maturing in November 2019. PSE&G has \$250 million of 2.00% Medium Term Notes maturing in August 2019 and PSEG Power has \$406 million of 5.13% Senior Notes maturing in April 2020.

For additional information see Item 1. Note 12. Debt and Credit Facilities.

Common Stock Dividends

On July 16, 2019, our Board of Directors declared a \$0.47 dividend per share of common stock for the third quarter of 2019. This reflects an indicative annual dividend rate of \$1.88 per share. We expect to continue to pay cash dividends on our common stock; however, the declaration and payment of future dividends to holders of our common stock will be at the discretion of the Board of Directors and will depend upon many factors, including our financial condition, earnings, capital requirements of our businesses, alternate investment opportunities, legal requirements, regulatory constraints, industry practice and other factors that the Board of Directors deems relevant. For additional information related to cash dividends on our common stock, see Item 1. Note 18. Earnings Per Share (EPS) and Dividends.

Credit Ratings

If the rating agencies lower or withdraw our credit ratings, such revisions may adversely affect the market price of our securities and serve to materially increase our cost of capital and limit access to capital. Credit Ratings shown are for securities that we typically issue. Outlooks are shown for Issuer Credit Ratings (Moody's) and Corporate Credit Ratings (S&P) and can be Stable, Negative, or Positive. There is no assurance that the ratings will continue for any given period of time or that they will not be revised by the rating agencies, if in their respective judgments, circumstances warrant. Each rating given by an agency should be evaluated independently of the other agencies' ratings. The ratings should not be construed as an indication to buy, hold or sell any security.

	<u>Moody's (A)</u>	<u>S&P (B)</u>
PSEG		
Outlook	Stable	Stable
Senior Notes	Baa1	BBB
Commercial Paper	P2	A2
PSE&G		
Outlook	Stable	Stable
Mortgage Bonds	Aa3	A
Commercial Paper	P1	A2
PSEG Power		
Outlook	Stable	Stable
Senior Notes	Baa1	BBB+

- (A) Moody's ratings range from Aaa (highest) to C (lowest) for long-term securities and P1 (highest) to NP (lowest) for short-term securities.
 (B) S&P ratings range from AAA (highest) to D (lowest) for long-term securities and A1 (highest) to D (lowest) for short-term securities.

CAPITAL REQUIREMENTS

We expect that all of our capital requirements over the next three years will come from a combination of internally generated funds and external debt financing. There were no material changes to our projected capital expenditures as compared to amounts disclosed in our Form 10-K. See Executive Overview of 2019 and Future Outlook for additional information.

PSE&G

During the six months ended June 30, 2019, PSE&G made capital expenditures of \$1,259 million, primarily for T&D system reliability. This does not include expenditures for cost of removal, net of salvage, of \$61 million, which are included in operating cash flows.

PSEG Power

During the six months ended June 30, 2019, PSEG Power made capital expenditures of \$293 million, excluding \$46 million for nuclear fuel, primarily related to our BH5 and other generation projects.

ACCOUNTING MATTERS

For information related to recent accounting matters, see Item 1. Note 2. Recent Accounting Standards.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

The risk inherent in our market-risk sensitive instruments and positions is the potential loss arising from adverse changes in commodity prices, equity security prices and interest rates as discussed in the Notes. It is our policy to use derivatives to manage risk consistent with business plans and prudent practices. We have a Risk Management Committee comprised of executive officers who utilize a risk oversight function to ensure compliance with our corporate policies and risk management practices.

Additionally, we are exposed to counterparty credit losses in the event of non-performance or non-payment. We have a credit management process, which is used to assess, monitor and mitigate counterparty exposure. In the event of non-performance or non-payment by a major counterparty, there may be a material adverse impact on our financial condition, results of operations or net cash flows.

Commodity Contracts

The availability and price of energy-related commodities are subject to fluctuations from factors such as weather, environmental policies, changes in supply and demand, state and federal regulatory policies, market rules and other events. To reduce price risk caused by market fluctuations, we enter into supply contracts and derivative contracts, including forwards, futures, swaps

[Table of Contents](#)

and options with approved counterparties. These contracts, in conjunction with physical sales and other services, help reduce risk and optimize the value of owned electric generation capacity.

Value-at-Risk (VaR) Models

VaR represents the potential losses, under normal market conditions, for instruments or portfolios due to changes in market factors, for a specified time period and confidence level. We estimate VaR across our commodity businesses.

MTM VaR consists of MTM derivatives that are economic hedges. The MTM VaR calculation does not include market risks associated with activities that are subject to accrual accounting, primarily our generating facilities and some load serving activities.

The VaR models used are variance/covariance models adjusted for the change of positions with 95% and 99.5% confidence levels and a one-day holding period for the MTM activities. The models assume no new positions throughout the holding periods; however, we actively manage our portfolio.

From April through June 2019, MTM VaR was relatively stable between a low of \$5 million and a high of \$14 million at the 95% confidence level. The range of VaR was narrower for the three months ended June 30, 2019 as compared with the year ended December 31, 2018 .

	MTM VaR	
	Three Months Ended June 30, 2019	Year Ended December 31, 2018
	Millions	
<i>95% Confidence Level, Loss could exceed VaR one day in 20 days</i>		
Period End	\$ 14	\$ 21
Average for the Period	\$ 9	\$ 14
High	\$ 14	\$ 46
Low	\$ 5	\$ 6
<i>99.5% Confidence Level, Loss could exceed VaR one day in 200 days</i>		
Period End	\$ 22	\$ 32
Average for the Period	\$ 14	\$ 22
High	\$ 22	\$ 72
Low	\$ 8	\$ 9

See Item 1. Note 13. Financial Risk Management Activities for a discussion of credit risk.

ITEM 4. CONTROLS AND PROCEDURES

Disclosure Controls and Procedures

PSEG, PSE&G and PSEG Power

We have established and maintain disclosure controls and procedures as defined under Rule 13a-15(e) and 15d-15(e) promulgated under the Securities Exchange Act of 1934, as amended (the “Exchange Act”) that are designed to provide reasonable assurance that information required to be disclosed in the reports that are filed or submitted under the Exchange Act is recorded, processed, summarized and reported and is accumulated and communicated to the Chief Executive Officer (CEO) and Chief Financial Officer (CFO) of each respective company, as appropriate, by others within the entities to allow timely decisions regarding required disclosure. We have established a disclosure committee which includes several key management employees and which reports directly to the CFO and CEO of each of PSEG, PSE&G and PSEG Power. The committee monitors and evaluates the effectiveness of these disclosure controls and procedures. The CFO and CEO of each of PSEG, PSE&G and PSEG Power have evaluated the effectiveness of the disclosure controls and procedures and, based on this evaluation, have concluded that disclosure controls and procedures at each respective company were effective at a reasonable assurance level as of the end of the period covered by the report.

Internal Controls

PSEG, PSE&G and PSEG Power

There have been no changes in internal control over financial reporting that occurred during the second quarter of 2019 that have materially affected, or are reasonably likely to materially affect, each registrant’s internal control over financial reporting.

PART II. OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

We are party to various lawsuits and environmental and regulatory matters, including in the ordinary course of business. For information regarding material legal proceedings, including updates to information reported in Item 3 of Part I of the Form 10-K, see Part I, Item 1. Note 11. Commitments and Contingent Liabilities and Item 5. Other Information in the first quarter 2019 10-Q and in this Quarterly Form 10-Q.

ITEM 1A. RISK FACTORS

The discussion of our business and operations in this Quarterly Report on Form 10-Q should be read together with the risk factors contained in Part I, Item 1A of our Form 10-K, which describes various risks and uncertainties that could have a material adverse impact on our business, prospects, financial position, results of operations or cash flows and could cause results to differ materially from those expressed elsewhere in this report. There have been no material changes to the risk factors set forth in the above-referenced filing as of June 30, 2019.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

In December 2018, we entered into a share repurchase plan that complies with Rule 10b5-1 of the Exchange Act, as amended, solely with respect to the repurchase of shares to satisfy obligations under equity compensation awards that are expected to vest or be exercised in 2019. There were no common share repurchases in the open market during the second quarter of 2019.

ITEM 5. OTHER INFORMATION

Certain information reported in the Form 10-K is updated below. Additionally, certain information is provided for new matters that have arisen subsequent to the filing of the Form 10-K and Q1 2019. References are to the related pages on the Form 10-K and the first quarter 2019 10-Q as printed and distributed.

Federal Regulation

Capacity Market Issues

December 31, 2018 Form 10-K page 16. In June 2018, FERC issued an order finding that PJM's current capacity market construct was not just and reasonable. FERC found that the Reliability Pricing Model market design was not sufficiently competitive because it enabled state-supported resources to bid below their costs which resulted in suppressed clearing prices. In particular, FERC found that nuclear generating units that receive ZEC payments were of concern. FERC initiated a separate proceeding to develop a mechanism to protect resources that do not receive subsidies and proposed a Fixed Resource Alternative option that removes subsidized resources along with a commensurate amount of load. PSEG and other parties sought rehearing of FERC's order.

In late July 2019, FERC issued an order directing PJM to delay its August 2019 capacity auction until it can approve replacement auction rules and provide greater certainty to the market than conducting the auction under existing rules. FERC also denied PJM's request to clarify that any just and reasonable replacement auction rules ultimately adopted would operate prospectively. FERC held that it would not rule prematurely on the issue of an appropriate remedy prior to rendering a determination on the merits of the replacement auction rules. We cannot predict when FERC will issue replacement auction rules and what impact those rules will have on the capacity market or our generating stations.

December 31, 2018 Form 10-K page 16 and March 31, 2019 Form 10-Q page 84. In October 2018, PJM filed with FERC to revise the shape of the VRR curve that will be implemented in the next capacity auction. The VRR curve is the administratively determined demand curve that serves as one of the key elements for establishing the amount of generation capacity to be procured in the auction. PJM's proposed tariff revisions will result in lower CONE values as compared to the currently effective VRR curve. PSEG protested PJM's proposal on the grounds that it would result in understated prices for capacity relative to the cost of constructing a new reference generating unit and will result in prices that are unjust and unreasonable. In April 2019, FERC issued an Order approving PJM's filing without modification and these changes are expected to be in place for the 2022/2023 PJM capacity auction. In mid-May 2019, PSEG filed a request for rehearing which remains pending before FERC.

Uranium Imports

In January 2018, two uranium mining companies filed a petition with the U.S. Department of Commerce seeking relief under Section 232 of the Trade Expansion Act of 1962, as amended, from imports of uranium products, alleging that these imports

threaten national security. In July 2018, the Secretary of Commerce announced the initiation of an investigation in response to the petition. The relief sought by the petitioners would have required U.S. nuclear reactors to purchase up to 25% of their uranium needs from domestic mines over the next ten years. In July 2019, the President stated that at this time he does not believe that uranium imports threaten to impair the national security of the United States as defined under section 232 of the Act. Rather, the President has established a working group of federal agencies to conduct a fuller analysis of national security considerations with respect to the entire nuclear fuel supply chain. This review is expected to be completed in the fourth quarter of 2019. The outcome of this review and recommendations related to the entire nuclear fuel supply chain could increase nuclear fuel costs in future periods, which would have an adverse impact on the results of operations, cash flows and financial positions of our nuclear facilities.

In 2018, the U.S. re-imposed certain sanctions on Iran, pursuant to which U.S. companies were prohibited from trading with Iran and from trading with companies that trade with Iran. The U.S. government has established waivers exempting certain specific products from the sanctions. Uranium was one of the products that was provided a waiver. The current uranium waiver expires on August 3, 2019 and there is no assurance that it will be renewed by the U.S. government. If the uranium waiver is not renewed, the supply of uranium available for use by nuclear generating facilities could be adversely affected. Such an outcome could have an adverse impact on the cost of uranium, which would adversely impact the operations and financial condition of nuclear generating facilities in the United States, including those facilities owned and operated by PSEG.

State Regulation

New Jersey Energy Master Plan (EMP)

December 31, 2018 Form 10-K page 19. In May 2018, the New Jersey governor signed an executive order directing the BPU and other New Jersey executive branch agencies to prepare a new EMP. While not having the force of law, the EMP provides an overview of energy policy in New Jersey. In June 2019, the BPU released a draft EMP and established a stakeholder process to support the issuance of the final EMP at the end of 2019. The draft EMP sets forth seven main strategies to reach New Jersey governor's goal of 100% clean energy by 2050 and the Global Warming Response Act state goal of greenhouse gas emissions reductions of 80% below 2006 levels by 2050. The seven strategies are to: reduce energy consumption and emissions from the transportation sector; accelerate deployment of renewable energy and distributed energy resources; maximize energy efficiency and conservation, and reduce peak demand; reduce energy use and emissions from the building sector; modernize the grid and utility infrastructure; support community energy planning and action in low- and moderate-income and environmental justice communities; and expand the clean energy innovation economy. PSE&G is currently engaged in the EMP stakeholder process.

Environmental Matters

Climate Change — CO₂ Regulation under the Clean Air Act

December 31, 2018 Form 10-K page 21. In June 2019, the EPA issued its final Affordable Clean Energy (ACE) rule as a replacement for the repealed Clean Power Plan, a greenhouse gas emission regulation for existing power plants. The ACE rule gives states great flexibility to evaluate specific heat rate improvement technologies and practices to be applied at coal-fired electric generating units. States have three years from the date of finalization to submit a plan that establishes a standard of performance that reflects the degree of emission limitation through the application of heat rate improvement technologies and practices. We cannot estimate the impact of this action on our business or results of operations.

Climate Change — Regional Greenhouse Gas Initiative (RGGI)

December 31, 2018 Form 10-K page 21. In June 2019, the NJDEP issued two rules that begin New Jersey's re-entry into RGGI. The first rule is the mechanism that establishes New Jersey's initial cap on GHG emissions of 18 million tons in 2020. This rule follows the RGGI model rule with a cap that will decline three percent annually through 2030 to a final cap of 11.5 million tons. New Jersey is committed to a start date of January 1, 2020. The second rule establishes the framework for how New Jersey will spend the RGGI auction proceeds. We cannot estimate the impact of this action on our business or results of operations at this time.

ITEM 6. EXHIBITS

A listing of exhibits being filed with this document is as follows:

a. PSEG:

Exhibit 31:	Certification by Ralph Izzo Pursuant to Rules 13a-14 and 15d-14 of the 1934 Act
Exhibit 31.1:	Certification by Daniel J. Cregg Pursuant to Rules 13a-14 and 15d-14 of the 1934 Act
Exhibit 32:	Certification by Ralph Izzo Pursuant to Section 1350 of Chapter 63 of Title 18 of the U.S. Code
Exhibit 32.1:	Certification by Daniel J. Cregg Pursuant to Section 1350 of Chapter 63 of Title 18 of the U.S. Code
Exhibit 101.INS:	XBRL Instance Document - The Instance Document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.
Exhibit 101.SCH:	XBRL Taxonomy Extension Schema
Exhibit 101.CAL:	XBRL Taxonomy Extension Calculation Linkbase
Exhibit 101.LAB:	XBRL Taxonomy Extension Labels Linkbase
Exhibit 101.PRE:	XBRL Taxonomy Extension Presentation Linkbase
Exhibit 101.DEF:	XBRL Taxonomy Extension Definition Document

b. PSE&G:

Exhibit 31.2:	Certification by Ralph Izzo Pursuant to Rules 13a-14 and 15d-14 of the 1934 Act
Exhibit 31.3:	Certification by Daniel J. Cregg Pursuant to Rules 13a-14 and 15d-14 of the 1934 Act
Exhibit 32.2:	Certification by Ralph Izzo Pursuant to Section 1350 of Chapter 63 of Title 18 of the U.S. Code
Exhibit 32.3:	Certification by Daniel J. Cregg Pursuant to Section 1350 of Chapter 63 of Title 18 of the U.S. Code
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Exhibit 101.PRE:	XBRL Taxonomy Extension Presentation Linkbase
Exhibit 101.DEF:	XBRL Taxonomy Extension Definition Document

c. PSEG Power:

Exhibit 31.4:	Certification by Ralph Izzo Pursuant to Rules 13a-14 and 15d-14 of the 1934 Act
Exhibit 31.5:	Certification by Daniel J. Cregg Pursuant to Rules 13a-14 and 15d-14 of the 1934 Act
Exhibit 32.4:	Certification by Ralph Izzo Pursuant to Section 1350 of Chapter 63 of Title 18 of the U.S. Code
Exhibit 32.5:	Certification by Daniel J. Cregg Pursuant to Section 1350 of Chapter 63 of Title 18 of the U.S. Code
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SIGNATURE

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized. The signature of the undersigned company shall be deemed to relate only to matters having reference to such company and any subsidiaries thereof.

PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED
(Registrant)

By: / s / ROSE M. CHERNICK

Rose M. Chernick
Vice President and Controller
(Principal Accounting Officer)

Date: July 30, 2019

SIGNATURE

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized. The signature of the undersigned company shall be deemed to relate only to matters having reference to such company and any subsidiaries thereof.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
(Registrant)

By: / s / ROSE M. CHERNICK

Rose M. Chernick
Vice President and Controller
(Principal Accounting Officer)

Date: July 30, 2019

SIGNATURE

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized. The signature of the undersigned company shall be deemed to relate only to matters having reference to such company and any subsidiaries thereof.

PSEG POWER LLC
(Registrant)

By: / s / ROSE M. CHERNICK

Rose M. Chernick
Vice President and Controller
(Principal Accounting Officer)

Date: July 30, 2019

**Certification Pursuant to Rules 13a-14 and 15d-14
of the 1934 Securities Exchange Act**

I, Ralph Izzo, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Public Service Enterprise Group Incorporated;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: 7/30/2019

/s/ Ralph Izzo

Ralph Izzo

Public Service Enterprise Group Incorporated
Chief Executive Officer

**Certification Pursuant to Rules 13a-14 and 15d-14
of the 1934 Securities Exchange Act**

I, Daniel J. Cregg, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Public Service Enterprise Group Incorporated;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: 7/30/2019

/s/ Daniel J. Cregg

Daniel J. Cregg

Public Service Enterprise Group Incorporated

Chief Financial Officer

**Certification Pursuant to Rules 13a-14 and 15d-14
of the 1934 Securities Exchange Act**

I, Ralph Izzo, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Public Service Electric and Gas Company;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: 7/30/2019

/s/ Ralph Izzo

Ralph Izzo

Public Service Electric and Gas Company
Chief Executive Officer

**Certification Pursuant to Rules 13a-14 and 15d-14
of the 1934 Securities Exchange Act**

I, Daniel J. Cregg, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Public Service Electric and Gas Company;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: 7/30/2019

/s/ Daniel J. Cregg

Daniel J. Cregg

Public Service Electric and Gas Company
Chief Financial Officer

**Certification Pursuant to Rules 13a-14 and 15d-14
of the 1934 Securities Exchange Act**

I, Ralph Izzo, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of PSEG Power LLC;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: 7/30/2019

/s/ Ralph Izzo

Ralph Izzo

PSEG Power LLC

Chief Executive Officer

**Certification Pursuant to Rules 13a-14 and 15d-14
of the 1934 Securities Exchange Act**

I, Daniel J. Cregg, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of PSEG Power LLC;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: 7/30/2019

/s/ Daniel J. Cregg

Daniel J. Cregg

PSEG Power LLC

Chief Financial Officer

**Certification Pursuant to Section 1350 of Chapter 63 of Title 18
of the United States Code**

I, Ralph Izzo, Chief Executive Officer of Public Service Enterprise Group Incorporated, to the best of my knowledge, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that (i) the Quarterly Report of Public Service Enterprise Group Incorporated on Form 10-Q for the quarter ended June 30, 2019 (the “Report”) fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended and (ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of Public Service Enterprise Group Incorporated.

/s/ Ralph Izzo

Ralph Izzo

Public Service Enterprise Group Incorporated

Chief Executive Officer

July 30, 2019

**Certification Pursuant to Section 1350 of Chapter 63 of Title 18
of the United States Code**

I, Daniel J. Cregg, Chief Financial Officer of Public Service Enterprise Group Incorporated, to the best of my knowledge, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that (i) the Quarterly Report of Public Service Enterprise Group Incorporated on Form 10-Q for the quarter ended June 30, 2019 (the “Report”) fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended and (ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of Public Service Enterprise Group Incorporated.

/s/ Daniel J. Cregg

Daniel J. Cregg

Public Service Enterprise Group Incorporated

Chief Financial Officer

July 30, 2019

**Certification Pursuant to Section 1350 of Chapter 63 of Title 18
of the United States Code**

I, Ralph Izzo, Chief Executive Officer of Public Service Electric and Gas Company, to the best of my knowledge, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that (i) the Quarterly Report of Public Service Electric and Gas Company on Form 10-Q for the quarter ended June 30, 2019 (the “Report”) fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended and (ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of Public Service Electric and Gas Company.

/s/ Ralph Izzo

Ralph Izzo

Public Service Electric and Gas Company

Chief Executive Officer

July 30, 2019

**Certification Pursuant to Section 1350 of Chapter 63 of Title 18
of the United States Code**

I, Daniel J. Cregg, Chief Financial Officer of Public Service Electric and Gas Company, to the best of my knowledge, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that (i) the Quarterly Report of Public Service Electric and Gas Company on Form 10-Q for the quarter ended June 30, 2019 (the “Report”) fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended and (ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of Public Service Electric and Gas Company.

/s/ Daniel J. Cregg

Daniel J. Cregg

Public Service Electric and Gas Company

Chief Financial Officer

July 30, 2019

**Certification Pursuant to Section 1350 of Chapter 63 of Title 18
of the United States Code**

I, Ralph Izzo, Chief Executive Officer of PSEG Power LLC, to the best of my knowledge, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that (i) the Quarterly Report of PSEG Power LLC on Form 10-Q for the quarter ended June 30, 2019 (the "Report") fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended and (ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of PSEG Power LLC.

/s/ Ralph Izzo

Ralph Izzo

PSEG Power LLC

Chief Executive Officer

July 30, 2019

**Certification Pursuant to Section 1350 of Chapter 63 of Title 18
of the United States Code**

I, Daniel J. Cregg, Chief Financial Officer of PSEG Power LLC, to the best of my knowledge, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that (i) the Quarterly Report of PSEG Power LLC on Form 10-Q for the quarter ended June 30, 2019 (the "Report") fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended and (ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of PSEG Power LLC.

/s/ Daniel J. Cregg

Daniel J. Cregg

PSEG Power LLC

Chief Financial Officer

July 30, 2019